

# UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು ಮಂಗಳೂರು

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

Office of the Principal,  
U.P. Malya Road, Hampanakatta  
Mangalore 575 001



ಪ್ರಾಂಶುಪಾಲರ ಕಛೇರಿ,  
ಯು.ಪಿ. ಮಲ್ಯ ರಸ್ತೆ, ಹಂಪನಕಟ್ಟೆ  
ಮಂಗಳೂರು 575 001

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## Criterion 2: Teaching-Learning and Evaluation

### Key Indicator- 2.6 Student Performance and Learning Outcomes

2.6.1. Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

#### List of supporting Enclosures

Sl. No.	Particulars of samples
1.	<p>Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.</p> <p>The details of Programmes</p> <ol style="list-style-type: none"><li>1. B.Sc.</li><li>2. B.Com.</li><li>3. B.A.</li><li>4. M.Com.</li><li>5. M.Sc Chemistry.</li><li>6. M.A. Hindi.</li><li>7. M.A. Economics.</li><li>8. M.A. History &amp; Archaeology.</li><li>9. P. G. Diploma in Yogic Science.</li><li>10. Certificate Course in Yogic Science.</li></ol>

  
NAAC Coordinators  
**NAAC Coordinator**  
University College  
Mangalore

  
Principal

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## B.Sc. (BACHELOR OF SCIENCE)

(PCM/PMCs/CBZ/CMZ)

[POs, PSO's, COs]

CBCS (CHOICE BASED CREDIT SYSTEM)

( From 2019-20 Batch onwards)

**Programme Outcomes (POs):** Students of B.Sc. Degree Programme at the time of graduation will be able to:

<b>PO 1</b>	<b>Grasp the essential ideas, fundamental principles, and the scientific theories related to various scientific phenomena and their relevance in the day-to-day life.</b>
<b>PO 2</b>	<b>Acquire the skill in taking care of scientific instruments, arranging and using in research centre.</b>
<b>PO 3</b>	<b>Understand the interdisciplinary idea of science and to incorporate information on mathematics, physical science, chemical sciences and biological sciences to a wide assortment of synthetic issues.</b>
<b>PO 4</b>	<b>Employ critical thinking and the scientific method to design, carry out, record and analyze the results of experiments.</b>
<b>PO 5</b>	<b>Construct and exhibit administration, collaboration and interactive abilities and Communicate successfully in various settings.</b>
<b>PO 6</b>	<b>Pursue higher education leading to masters and PhD degrees to work in colleges, universities as professors or as scientists in research establishments.</b>
<b>PO 7</b>	<b>Find gainful employment in scientific organizations or educational systems as educators or executives do the business in software field.</b>
<b>PO 8</b>	<b>Acquire the knowledge with facts and figures related to various subjects in Basic Science.</b>
<b>PO 9</b>	<b>Give information about material properties and its application for creating awareness about the materials in the general public.</b>

**Programme Specific Outcomes (PSOs):** Upon successful completion of B.Sc. (PCM) Programme, the graduates will be able to:

<b>PSO 1</b>	<b>Assimilate moral, moral and social qualities in private and public activity prompting exceptionally civilised personality.</b>
<b>PSO 2</b>	<b>Understand the quest for information is a long lasting movement and in blend with untiring endeavors and uplifting perspective and other fundamental characteristics leads towards an effective life.</b>
<b>PSO 3</b>	<b>Apply appropriate methods and concepts for solving Physical sciences challenges.</b>
<b>PSO 4</b>	<b>Explain the underlying scientific principles that govern the scientific systems.</b>
<b>PSO 5</b>	<b>Development of analytical problem solving skills in the major areas of physical and chemical science.</b>
<b>PSO 6</b>	<b>Go for higher education and advance research in the field of science.</b>
<b>PSO 7</b>	<b>Learn research oriented skills make aware and handle the scientific instruments/ equipment.</b>
<b>PSO 8</b>	<b>Find various employments available in industries, scientific organizations or school systems as instructors or administrators.</b>

**Programme Specific Outcomes (PSOs):** Upon successful completion of B.Sc. (PMCs) Programme, the graduates will be able to:

<b>PSO 1</b>	<b>Acquire and demonstrate resolving skills.</b>
<b>PSO 2</b>	<b>Be good programmer in any industry.</b>
<b>PSO 3</b>	<b>They become self-employer.</b>
<b>PSO 4</b>	<b>They can go for higher education.</b>

**Programme Specific Outcomes (PSOs):** Upon successful completion of B.Sc. (CBZ) Programme, the graduates will be able to:

<b>PSO 1</b>	<b>Figure out the utilizations of Biological sciences and Chemical sciences.</b>
<b>PS 2</b>	<b>Apply the information and comprehension of Science to one's own life and for their career opportunities.</b>
<b>PSO 3</b>	<b>Foster knowledge and work on logical, correspondence and expert abilities.</b>
<b>PSO 4</b>	<b>Acquire knowledge about science and technology.</b>
<b>PSO 5</b>	<b>Centering to plan for higher studies and advance research in frontier areas of Science.</b>
<b>PSO 6</b>	<b>Show moderate learning in different useful areas of Science.</b>

**Programme Specific Outcomes (PSOs):** Upon successful completion of B.Sc. (CMZ) Programme, the graduates will be able to:

<b>PSO 1</b>	<b>Understand more about the role of Microorganisms in day-today life.</b>
<b>PSO 2</b>	<b>Go for higher studies in Microbiology, Medical Microbiology and Biotechnology.</b>
<b>PSO 3</b>	<b>Work as expert in Medical pathology Laboratory, Pharmacy, and Clinical research and Dairy industry.</b>
<b>PSO 4</b>	<b>Demonstrate critical and analytical thinking, experiential learning and communicative skills.</b>

## COURSE OUTCOMES

Course	Details
Code	BSC ENL 131
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First / First
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam :                      80 Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To enable the learner to communicate in real-life situations effectively and appropriately. · To use English effectively throughout the curriculum for study purposes. To develop interest in and appreciation of Literature. To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.	
<b>Expected Learning Outcomes :</b> <b>CO 1:</b> Read a written text, actively listen to what is spoken in English, write down grammatically correct sentences and speak clearly in English <b>CO 2:</b> Distinguish between a well-written text and an erroneous text <b>CO 3:</b> Understand and appreciate a piece of literature <b>CO 4:</b> Articulate his/her views confidently in English <b>CO 5:</b> Identify the errors of grammar in a text	

Course	Details
Code	BSC ENL 181
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/ Second
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20          End Semester Exam : 80          Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To enable the learner to communicate in real-life situations effectively and appropriately. · To use English effectively throughout the curriculum for study purposes. To develop interest in and appreciation of Literature. To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> Display the acquired language skills such as listening, speaking, reading and writing <b>CO 2 :</b> Create texts employing the acquired skills and expertise <b>CO 3 :</b> Comprehend a written or verbal text and interpret it independently <b>CO 4 :</b> Analyze a literary text highlighting its inherent basic features <b>CO 5 :</b> Apply the knowledge of grammar and linguistic conventions in real life situations	

Course	Details
Code	BSC ENL 231
Title	<b>Compulsory Foundation Course In English</b>

Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/ Third
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	4 One Act Plays
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To enable the learner to communicate in real-life situations effectively and appropriately. · To use English effectively throughout the curriculum for study purposes. To develop interest in and appreciation of Literature. To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1:</b> Language Skills: Students will listen and read for details, and improve comprehensibility in speaking and writing, for the purpose of communicating to an audience in English. <b>CO 2:</b> Critical Thinking Skills: Students will learn how to think critically in order to successfully participate in dramatic impromptu improvisations. <b>CO 3:</b> Communicative skills: Students will develop the ability to communicate correctly and effectively in English.	

Course	Details
Code	BSCENL281
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/ Fourth

Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	4 One Act Plays
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

### Learning Objectives :

To enable the learner to communicate in real-life situations effectively and appropriately.  
 To use English effectively throughout the curriculum for study purposes.  
 To develop interest in and appreciation of Literature.  
 To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking And writing.

### Expected Learning Outcomes :

Upon the completion of this course, the students will be able to :

**CO 1:**Distinguish between different novel types

**CO 2:** Discuss the significance of the writers' background, the literary movements and their effect in bringing about a change in society, in novel analysis.

**CO 3;** Relate the novel to real life

**CO 4:** Read for details, and improve comprehensibility in speaking and writing, for the purpose of communicating to an audience in English.

### COURSE OUTCOME OF KANNADA

Course	Details
Code	BCKAL 131
Title	<b>Kannada</b> ಕನ್ನಡವಿಜ್ಞಾನ
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First / First
Type	Group III Compulsory Foundation Language – 2
Total Credits	02



Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಜನಪದ, ನಡುಗನ್ನಡ, ದಲಿತ, ವಚನ, ಪ್ರಬಂಧ, ಆಧುನಿಕ ಕವನ, ಲಿಂಗತ್ವ ಅಲ್ಪಸಂಖ್ಯಾತರ ಬವಣೆ, ಕೃಷಿ ಕ್ಷೇತ್ರ, ಭಾಷೆ ಮತ್ತು ಅರ್ಥ, ಲೇಖನ ಚಿಹ್ನೆ-ಇವುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಪಠ್ಯಗಳ ಮೂಲಕ ಅರಿವನ್ನು ಹೆಚ್ಚಿಸುವುದು.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :** ಸಾಹಿತ್ಯದ ವಿವಿಧ ಪ್ರಕಾರಗಳ ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**CO 2 :** ಲಿಂಗತ್ವ ಅಲ್ಪಸಂಖ್ಯಾತರ ಬಗ್ಗೆ ಮಾಹಿತಿಯನ್ನು ಪಡೆಯುತ್ತಾರೆ

**CO 3 :** ಅಣಕಟ್ಟು ನಿರ್ಮಾಣದ ಮೂಲಕ ಕೃಷಿ ಕ್ಷೇತ್ರ ನಾಶವಾಗುವುದನ್ನು ಅರಿಯುತ್ತಾರೆ.

**CO 4 :** ಭಾಷೆಯ ವಿವಿಧ ಸಾಧ್ಯತೆಗಳ ಕುರಿತು ಜ್ಞಾನವನ್ನು ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 5 :** ಕನ್ನಡ ಭಾಷೆಯನ್ನು ಸರಿಯಾಗಿ ಬಳಸಲು, ಬರೆಯಲು ಸಮರ್ಥರಾಗುತ್ತಾರೆ.

Course	Details
Code	BSCKAL 181
Title	<b>Kannada ಸುಡಿಶಿಲ್ಪ</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First / Second
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours

Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate, Enacting Drama
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives:</b> ಸಾಂಗತ್ಯ, ಆಧುನಿಕ ಕವಿತೆ, ಕೀರ್ತನೆ, ಪ್ರಬಂಧ, ಪರಿಸರಸ್ನೇಹಿ ಲೇಖನ, ಬಂಡಾಯ ಕವನ, ಕೊಡವ ಭಾಷಾ ಕವನ, ಆರ್ಥಿಕ ಸಮಸ್ಯೆ, ಸಾಮಾಜಿಕ ಸಮಸ್ಯೆಯ ಕುರಿತ ಲೇಖನ-ಇವುಗಳ ಮೂಲಕ ಜ್ಞಾನ ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.	
<b>Expected Learning Outcomes:</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <b>CO 1 :</b> ಭಾಷೆಗಳ ನಡುವಣ ಅಂತರ್ ಸಂಬಂಧವನ್ನು ಅರ್ಥ ಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ . <b>CO 2 :</b> ಮನೋವಿಜ್ಞಾನ, ಪರಿಸರ ಕಾಳಜಿಯ ಬಗ್ಗೆ ಜ್ಞಾನ ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 3 :</b> ತೆರಿಗೆ ಪದ್ಧತಿಯ ಬಗ್ಗೆ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 4 :</b> ಬೀದಿ ಮಕ್ಕಳ ಸ್ಥಿತಿಗತಿಗಳನ್ನು ನಾಟಕ ಪ್ರಕಾರದ ಮೂಲಕ ಅರ್ಥೈಸಿಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 5 :</b> ಮಾನವೀಯ ಮೌಲ್ಯಗಳ ಮಹತ್ವವನ್ನು ತಿಳಿಯುತ್ತಾರೆ.	

Course	Details
Code	BCKAL 231
Title	<b>Kannada</b> ನುಡಿಬೆಳಕು
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second / Third
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100

Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives:</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಜನಪದ ಗೀತೆ, ಕೊಂಕಣಿ ಕವಿತೆ, ಅರೆಭಾಷೆ ಕನ್ನಡ ಕವಿತೆ ಹಾಗೂ ಹಳಗನ್ನಡ ಕಾವ್ಯ; ಗದ್ಯಭಾಗದಲ್ಲಿ ಸಣ್ಣಕತೆ, ಲಲಿತ ಪ್ರಬಂಧ, ವೈಚಾರಿಕ ಲೇಖನ, ವೈದ್ಯಕೀಯ ಲೇಖನ ಹಾಗೂ ಕನ್ನಡ ಪದಗಳ ಅರ್ಥ ಹಾಗೂ ದೀರ್ಘಪಠ್ಯವಾಗಿ ಮಹಿಳಾ ಸಾಹಿತಿಗಳ ಕಾದಂಬರಿಯ ಆಯ್ದ ಭಾಗವನ್ನು ಓದುವುದರ ಮೂಲಕ ಜ್ಞಾನ ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.	
<b>Expected Learning Outcomes:</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <b>CO 1:</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಜನಪದ ಗೀತೆ, ಕೊಂಕಣಿ ಕವಿತೆ, ಅರೆಭಾಷೆ ಕನ್ನಡ ಕವಿತೆ ಹಾಗೂ ಹಳಗನ್ನಡ ಕಾವ್ಯದ ಓದಿನ ಮೂಲಕ ಕನ್ನಡ ಭಾಷೆಯ ವೈವಿಧ್ಯವನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ <b>CO 2:</b> ಗದ್ಯಭಾಗದಲ್ಲಿ ಸಣ್ಣಕತೆ, ಲಲಿತ ಪ್ರಬಂಧ, ವೈಚಾರಿಕ ಲೇಖನ, ವೈದ್ಯಕೀಯ ಲೇಖನ ಹಾಗೂ ಕನ್ನಡ ಪದಗಳ ಅರ್ಥದ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 3:</b> ಮಹಿಳಾ ಸಾಹಿತಿಗಳ ಕಾದಂಬರಿಯ ಆಯ್ದ ಭಾಗವನ್ನು ಓದುವ ಮೂಲಕ ಸಾಹಿತ್ಯದಲ್ಲಿ ಸ್ತ್ರೀಸಂವೇದನೆಯನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ.	

Course	Details
Code	BCKAL 281
Title	<b>Kannada</b> ನುಡಿದೀಪ
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second / Fourth
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100

Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives:</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡ ಕಾವ್ಯ, ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಬ್ಯಾರಿ ಭಾಷೆಯ ಕವಿತೆ ಹಾಗೂ ಹವ್ಯಕ ಕನ್ನಡ ಕವಿತೆಯ ಓದಿನ ಮೂಲಕ ಕನ್ನಡ ಭಾಷೆಯ ವೈವಿಧ್ಯವನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ. ಗದ್ಯಭಾಗದಲ್ಲಿ ಸಣ್ಣಕತೆ, ಪ್ರಬಂಧ, ವೈಜ್ಞಾನಿಕ ಲೇಖನ ಹಾಗೂ ದೀರ್ಘಪಠ್ಯದಲ್ಲಿ ಆಧುನಿಕ ಕನ್ನಡದ ಮಹಾಕಾವ್ಯವನ್ನು ಓದುತ್ತಾರೆ.	
<b>Expected Learning Outcomes:</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <b>CO 1:</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡ ಕವಿತೆ, ಜನಪದ ಗೀತೆ, ಕೊಂಕಣಿ ಕವಿತೆ, ಅರೆಭಾಷೆ ಕನ್ನಡ ಕವಿತೆ ಹಾಗೂ ಹಳಗನ್ನಡ ಕಾವ್ಯದ ಓದಿನ ಮೂಲಕ ಕನ್ನಡ ಭಾಷೆಯ ವೈವಿಧ್ಯವನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ <b>CO 2:</b> ಗದ್ಯಭಾಗದಲ್ಲಿ ಸಣ್ಣಕತೆ, ಪ್ರಬಂಧ, ವೈಜ್ಞಾನಿಕ ಲೇಖನದ ಓದಿನ ಮೂಲಕ ವೈಚಾರಿಕ, ವೈಜ್ಞಾನಿಕ ಮನೋಭಾವವನ್ನು ಬೆಳೆಸಿಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 3:</b> ಆಧುನಿಕ ಕನ್ನಡದ ಮಹಾಕಾವ್ಯದ ಆಯ್ದ ಭಾಗವನ್ನು ಓದುವ ಮೂಲಕ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರಕಟವಾಗಿರುವ ಪ್ರಾದೇಶಿಕತೆಯ ಮೌಲ್ಯಗಳನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ.	

## COURSE OUTCOME OF HINDI

Course	Details
Code	BSC HDL131
Title	<b>HINDI</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First /First
Type	Group III Compulsory Foundation Language
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours

Max. Marks	CIA : 20                      End Semester Exam : 80                      Total :100
Total Modules	04
Pedagogy	Lectures with explanation in detail for the given syllabus, PPT presentation, Audio visual classes, debates, enacting Drama.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam and One End Semester Exam
<b>Learning Objectives :</b> To give detailed explanation about prescribed stories and grammar syllabus and the authors views on stories.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> Develop knowledge of Literary forms in Hindi Essay. <b>CO 2:</b> Develop the story reading skill. <b>CO 3 :</b> Obtained information about Literary Theory. <b>CO 4 :</b> Introduce about Bio-data writing.	

Course	Details
Code	BSC HDL181
Title	<b>Hindi</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First / Second
Type	Group III Compulsory Foundation Language
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total :100
Total Modules	04
Pedagogy	Lectures and Audio Visual classes

Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam and One End Semester Exam
<b>Learning Objectives :</b> To give detailed explanation on Novel Prescribed and visualizing the characters of the Novel and giving views on poets thoughts of the given poems. Enable the students inculcate moral values in their life.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> Develop interest in Medieval & Modern poetry. <b>CO 2 :</b> Learn value through literary works. <b>CO 3 :</b> To introduce – ‘Deekshant’ Novel written by Suryabala. <b>CO 4:</b> The Verbal & Non-verbal skills of communication are developed.	

Course	Details
Code	BSC HDL 231
Title	<b>Hindi</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second / Third
Type	Group III Paper III Compulsory Foundation Language
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total :100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual classes and Debates
Evaluation Method	Viva-Voce, Assignments, Two Internal Assessment Examination and One End Semester Exam

**Learning Objectives :**

To make students understand the moral values given in stories prescribed and practice script and dialogue writing by specimen writing.

Enable the students inculcate the moral values in the prescribed Novel.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :** Understand the basic forms of story and Poetry.

**CO 2 :** Develop knowledge of literary forms of Hindi Poetry.

**CO 3 :** Develop interest in story and poetry writing.

**CO 4 :** Hindi Idioms, Phrases and dialogue writing.

Course	Details
Code	BSC HDL281
Title	<b>Hindi</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second / Fourth
Type	Group III Paper IV Compulsory Foundation Language
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total :100
Total Modules	04
Pedagogy	Lectures with interactive discussions, Audio Visual Classes, Role plays
Evaluation Method	Viva, Assignments, Internal Exam and Semester Exam
<b>Learning Objectives :</b> To explain the Drama prescribed with enactment of characters in the play. Practice to write Translation, as well as learn the official language - Hindi.	

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :**Develop interest in Novel

**CO 2:**Understand the Novel forms and their types.

**CO 3:** To introduce MannuBhandary Novel- “Bina DeevaronKeGhar”

**CO 4 :**To develop the Hindi writing skill.

Course	Details
Code	BSCSKL 131
Title	<b>Sanskrit</b>
Program	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives :**

To improve the knowledge of Sanskrit Literature and Culture of Sanskrit amongst the students and make them succeed in life.

To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required.

To make the students appreciate the immortal works of our Ancient seers and poets. To make the students Learn good Moral values and become good citizens and promote a healthy society.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :** Students get acquainted with poetic forms of Sanskrit literature



Course	Details
Code	BSCSKL181
Title	<b>Sanskrit</b>
Program	Bachelor of Science (B.Sc.)
Year / Semester	First/ Second
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates, and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To improve the knowledge of Sanskrit Literature and Culture of Sanskrit amongst the students and make them succeed in life. To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required. To make the students appreciate the immortal works of our Ancient seers and poets. · To make the students Learn good Moral values and become good citizens and promote a healthy society.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> To enable the students to show interest in poetic forms of literature.	

Course	Details
Code	BSCSKL231
Title	<b>Sanskrit</b>

Program	Bachelor of Science (B.Sc.)
Year / Semester	Second / Third
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20    End Semester Exam :80    Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> <ul style="list-style-type: none"> <li>· To improve the knowledge of Sanskrit Literature and Culture of Sanskrit amongst the students and make them succeed in life.</li> <li>· To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required.</li> <li>· To make the students appreciate the immortal works of our Ancient seers and poets. To make the students Learn good Moral values and become good citizens and promote a healthy society.</li> </ul>	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> The students would able to understand the dramatic compositions.	

Course	Details
Code	BSCSKL281
Title	<b>Sanskrit</b>
Program	Bachelor of Science (B.Sc.)
Year / Semester	Second / Fourth
Type	Group III : Foundation Course – Language 2
Total Credits	02

Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20    End Semester Exam :80    Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To improve the knowledge of Sanskrit literature and culture of Sanskrit amongst the students and enable them succeed in life. To motivate students to spread the essence of Devabhasha Sanskrit.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> This creates an awareness of scientific advancement of our ancestors.	

## COURSE OUTCOME PHYSICS

COURSE	DETAILS
Code	BSCPHC131
Title	<b>General Physics I</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Understanding of basic concepts of mechanics such as Derivative of a vector, conservation of linear momentum, central forces.

**CO 2:-**Knowledge on Rotational dynamics of a rigid body, Theory of compound pendulum, Conservation of energy and Simple Harmonic Motion.

**CO 3:-**Familiarized with Physics of Low Temperature.

**CO 4:-**Familiarized with Thermal emf.

**CO 5:-**Elaborate on Types of thermal processes, Carnot's engine, Entropy.

**CO 6:-**Ability to solve problems on Mechanics and Thermal Physics.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHP 132
Title	Practical's I
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

Upon the completion of this course, the students will be able to :

**CO 1:-**Acquiring the skills in doing the experiments in Mechanics and Thermal Physics.

**CO 2:-**Describe techniques of studying rigidity modulus of material using torsion pendulum, Static Torsion pendulum, Conservation of energy and Simple Harmonic Motion.

**CO 3:-**Evaluate Specific heat by cooling, Viscosity by Poiseuille's methods.

**CO 4:-**Demonstrate Thermocouple, Fly Wheel, Searle's double bar.

**CO 5:-**Determine Surface tension by drop weight method, Linear density & Material density by sonometer, Fermi Energy of a metal.

**CO 6:-**Demonstrate Oswald Viscometer, Bar pendulum – 2 hole method, Mells Experiment, LDR.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC181
Title	<b>General Physics II</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.

Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Understanding on Elasticity and Bending moment.</p> <p><b>CO 2:-</b>To be able to explain Fluid dynamics and Viscosity.</p> <p><b>CO 3:-</b>Describe basic concepts of Special theory of relativity.</p> <p><b>CO 3:-</b>Proficient in basic concepts of Astrophysics.</p> <p><b>CO 4:-</b>Discuss Free and forced oscillations, Progressive waves and Fourier's theorem.</p> <p><b>CO 5:-</b>Solve problems on Properties of Matter, Relativity, Astrophysics, Waves &amp; Oscillations.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHP 182
Title	Practical's II
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Understanding of mechanics of Spiral spring, Damped oscillations, Monte Carlo experiment.</p> <p><b>CO 2:-</b>Knowledge to analyze BAR Pendulum-h-T graph and calculation of time period.</p> <p><b>CO 3:-</b>Understanding of Platinum resistance thermometer</p> <p><b>CO 4:-</b>Understanding of Theorem of M I –parallel &amp; perpendicular axes, Interfacial tension, Maxwell's distribution of velocities, Joules heating effect.</p> <p><b>CO 5:-</b>Expertise to determine <math>q</math> by cantilever, <math>\eta</math> Stokes method, Energy gap of p-n diode, <math>q</math> by Koenig's Method.</p> <p><b>CO 6:-</b>Knowledge on Law of conservation of liner momentum.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC231
Title	<b>OPTICS</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.

Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Gaining the knowledge about interference of light.</p> <p><b>CO 2:-</b>Awareness about the design, working and application of Michelson's interferometer.</p> <p><b>CO 3:-</b>Obtaining the clear understanding about Polarization and diffraction of light.</p> <p><b>CO 4:-</b>Derive and analyze Maxwell equations of electromagnetism and Pointing vector.</p> <p><b>CO 5:-</b>Gaining the knowledge about the principles of Blackbody radiation.</p> <p><b>CO 6:-</b>Understanding of the working principles of LASER and holography</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHP 232
Title	Practical's III
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Obtaining the skill of using the spectrometer in measuring the wavelength of spectral lines using diffraction grating in minimum deviation</p> <p><b>CO 2:-</b>Knowledge about the measurement of resistance by Carey-foster bridge</p> <p><b>CO 3:-</b>The method of measurement of evaluating the wavelength of laser light using diffraction.</p> <p><b>CO 4:-</b>The knowledge about the determination of thickness of blade using Air wedge</p> <p><b>CO 5:-</b>Knowledge about the determination of the frequency of tuning fork using Helmholtz's Resonator.</p> <p><b>CO 6:-</b>Analyse Dispersive power of prism.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC281
Title	<b>Electricity and X-ray Crystallography</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.

Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Explain Norton and The venin theorem. <b>CO 2:-</b> Construct and describe the working high and low pass filters circuit. <b>CO 3:-</b> Discuss the effects of a magnetic field on a current carrying conductor. <b>CO 4:-</b> Describe the working of Andersons Bridge and De Sauty Bridge. <b>CO 6:-</b> Explain Characteristic X-ray spectra and Moseley law. <b>CO 7:-</b> Discuss Superconductivity its response to magnetic field.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHP 282
Title	Practical's IV
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to : <b>CO 1:-</b> Knowledge on Double coil T G, R. I. Prism By Brwester's law. <b>CO 2:-</b> Demonstrate Newton's rings, Grating normal incidence, Polarimeter, Phasor diagram. <b>CO 3:-</b> Knowledge on Charge sensitivity using BG, E C E of copper <b>CO 4:-</b> Ability to determine Low resistance by potentiometer <b>CO 5:-</b> Knowledge to verify Max. Power transfer theorem, Low & high pass filter, High resistance by leakage. <b>CO 6:-</b> Ability to find capacitance using De-Sauty's Bridge	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC331
Title	<b>Modren Physics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	

**CO 1:-**Understanding to explain Dual Nature of Matter & elementary concepts of Quantum Mechanics.

**CO 2:-**Derive Uncertainty principle and time dependent Schrodinger wave equation.

**CO 3:-**Apply Schrodinger equation in different systems.

**CO 4:-**Explain various atomic models, atomic spectra and molecular spectra.

**CO 5:-**Discuss elementary concepts of scattering.

**CO 6:-**Solve problems on Quantum mechanics, Atomic and molecular spectra, and scattering.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC332
Title	<b>Condensed Matter Of Physics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:</b> Differentiate the classical and quantum statistics.</p> <p><b>CO 2:</b> Get the concepts and limitations of Einstein and Debye's theory of specific heat of solids.</p> <p><b>CO 3:</b> Differentiate classical and quantum free electron theory.</p> <p><b>CO 4:</b> Understand the formations of energy bands in solids.</p> <p><b>CO 5:</b> Identify the different regions of Transistor characteristics.</p> <p><b>CO 6:</b> Apply the applications of Transistors and FET</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHP 333
Title	Practical's V
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third /fifth
Type	Core Course
Total Credits	01
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	



Upon the completion of this course, the students will be able to :

**CO 1:-**Understanding of Series resonance and Andersons bridge..

**CO 2:-**Demonstrate Thermistor, Earth inductor, Hysteresis, OR, AND, NOT, NOR & NOT gates using discrete components), Zener voltage regulator

**CO 3:-**Understanding of Resolving power of grating, Intensity of a spectral line

**CO 4:-**Knowledge to Determine Cauchy's constant, Specific charge of an electron, Planks constant using LED

**CO 5:-**To know the method to Verify Transistor characteristics.

**CO 6:-**Knowledge on the working of Biprism.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC381
Title	<b>Nuclear Physics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Understanding on radioactive equilibrium, Geiger-Natal law and interaction of radiation with matter.

**CO 2:-**Describe nuclear forces, model of nucleus and meson theory.

**CO 3:-**Explain nuclear fusion and its application.

**CO 4:-**Knowledge on the working of various types of particles accelerators and Detectors.

**CO 5:-**Understanding of basic concepts of cosmic rays and fundamental particles.

**CO 6:-**Ability to solve problems of nuclear physics.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCPHC382
Title	<b>Electronics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Use of charts and models.
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	

**CO 1:-**Understanding on the concept and applications of OP-AMP.  
**CO 2:-**Knowledge on Regulated Power Supply & Oscillators.  
**CO 3:-**Understanding on the concepts in Boolean algebra.  
**CO 4:-**To be able to construct flip flops.  
**CO 5:-**Knowledge on basic communication electronics and the role of ionosphere.  
**CO 6:-**Ability to solve problems of electronics.

COURSE	DETAILS
Code	BSCPHP 383
Title	Practical's VI
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14 experiments
Pedagogy	Electrical connections, setting the instruments, taking readings.
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam

#### EXPECTED LEARNING OUTCOME

Upon the completion of this course, the students will be able to :  
**CO 1:-**Understanding on Parallel resonance, OP-amp, G M counter.  
**CO 2:-**Demonstrate Bridge rectifier, CE amplifier, Wein bridge oscillator, M & C by Carey – foster bridge, Basics Logic gates Using NAND gates.  
**CO 3:-**Understanding on the significance of Rydberg Constant  
**CO 4:-**Expertise to determine Capacity of C using B G.  
**CO 5:-**Ability to Verify Mutual inductance –BG, Stefan's law, Half adder & full adder.  
**CO 6:-**Knowledge on Square wave.

COURSE	DETAILS
Code	BSCPHCE 133
Title	<b>Basics of Radiation and Environment</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.

#### EXPECTED LEARNING OUTCOMES

**CO 1:-**Basic knowledge on Biophysics.  
**CO 2:-**Understanding on the concepts of Geophysics.  
**CO 3:-**Describe the concepts of medical physics.  
**CO 4:-**Understand the importance of environmental studies.

COURSE	DETAILS
Code	BSCPHCE 183
Title	<b>Physics of Nano Science and Smart materials</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Explain the concepts of Nano Science. <b>CO 2:-</b> Describe Visualization and manipulation tools used in Nano Science. <b>CO 3:-</b> Knowledge on various smart materials. <b>CO 4:-</b> Understanding on the applications of various smart materials.	

COURSE	DETAILS
Code	BSCPHCE 233
Title	<b>Electrical Appliances</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Understanding on the basic concepts of current electricity. <b>CO 2:-</b> Knowledge on various current and voltage measuring instruments. <b>CO 3:-</b> Knowledge on the working principle of different home appliances. <b>CO 4:-</b> Understand on the working of switches, regulators, chokes and fuses.	

## COURSE OUTCOME OF CHEMISTRY

COURSE	DETAILS
Code	BSCCHC-131
Title	<b>Chemistry Paper 1</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04

Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Explain Crystal systems, Crystal lattice, Bravais lattice and applications of liquid crystals.	
<b>CO 2:-</b> Explain critical phenomenon of gases.	
<b>CO 3:-</b> Understand the concept of bonding in substances.	
<b>CO 4:-</b> Explain different types of chromatographic techniques and its applications	
<b>CO 5:-</b> Relate the elemental properties to its atomic structure and location in the periodic table	
<b>CO 6:-</b> Compare the qualitative and quantitative analysis	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 132
Title	Practicals I
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	
<b>CO 1:</b> Learn different types of acid base titration, redox titration, complex metric titration and iodometric titration.	
<b>CO 2:</b> They learn the estimation of acetic acid and alkali content in the commercial product.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHC-181
Title	<b>Chemistry Paper II</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04

Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Understand the concept of rates of reactions,</p> <p><b>CO 2:-</b>Interpret adsorption phenomenon and characteristics of solvents</p> <p><b>CO 3:-</b>Understand the general trends in the chemistry behind s &amp; p block elements</p> <p><b>CO 4:-</b>Describe the role of intermediates in reactions mechanism &amp; explain the mechanism of nucleophilic substitution reactions</p> <p><b>CO 5:-</b>Explain the industrial production of chemical products and fertilizers.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 182
Title	Practicals II
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:</b> The students have hands on experience and skill in analyzing qualitatively an organic compound having mono and bi functional groups by doing a series of tests.</p> <p><b>CO 2:</b> They also learn the separating techniques like PC, TLC and CC.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHC-231
Title	<b>Chemistry Paper III</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48

Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-** Thermodynamic terms. Thermodynamics laws, entropy, free energy.

**CO 2:-**Stability of Oxidation states and calculation of magnetic moments of d and f- block elements. Causes for Lanthanide Contraction. Separation of Neptunium, Plutonium, Uranium from Nuclear fuels.

**CO 3:-**Preparation of Nanoparticles.

**CO 4:-**Can identify the class of organic compounds based on functional group. Able to write mechanism of simple reactions.

**CO 5:-**Modern concepts of Acids and Bases. Miscibility temperatures of Binary Mixtures.

**CO 6:-**Fundamentals of Food processing and Food Analysis. Types of Corrosion.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 232
Title	Practical's III
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

Upon the completion of this course, the students will be able to :

**CO 1:** They have hands on experience and skill in systematic qualitative analysis of inorganic salt mixture containing two cations and two anions.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHC-281
Title	<b>Chemistry Paper IV</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth

Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**colligative properties of Solutions in different methods.

**CO 2:-**Instrumentation of Refractometer and applications of Refractometer.

**CO 3:-**Different Isomerism in Coordination compounds. Geometry of coordination compounds with respect to different hybridization based on VBT. Stability and magnetic moment of different complexes based on Crystal field theory.

**CO 4:-**Synthesis of simple organic compounds from readily available starting materials. Methods of conversion of Carboxyl group into other Functional group.

**CO 5:-**Synthesis of different types of carboxylic acids and Heterocyclic compounds from Reactive methylene compounds.

**CO 6:** Relationship between Equilibrium Constant and Free energy. Calculation of degree of freedom of different component system in Phase equilibria.

**CO 7:-**Constituents of Freezing mixtures.

**CO 8:-**Products obtained after Water exposed to Radiation dose. Medical, industrial applications of Radioisotopes.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 282
Title	Practical's IV
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:** The kinetics of different chemical reactions.

**CO 2:** They learn distribution law and learn how to find out density, viscosity and surface tension of different chemicals.

**CO 3:** They also learn ppm of colloidal particles, refractometry, effect of impurity on phenol water system and colligative properties- Elevation in boiling point.

COURSE	DETAILS
Code	BSC CHC-331
Title	<b>Chemistry Paper V</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### EXPECTED LEARNING OUTCOME

**CO 1:-**Students will study the important theoretical concepts of electrochemistry and photochemistry and their application to energy transfer..

**CO 2:-**Students will be exposed to Frontier topics in chemistry like supra molecular chemistry magneto chemistry and its significances .

**CO 3:-**The application of complex formation in the separation of metals and metallic compounds from minerals and ores are discussed.

**CO 4:-**Students will learn the stereochemistry of organic compounds and mechanisms of electrophilic reactions are focussed.

**CO 5:-**The fundamental applications of rotational and vibrational spectroscopy are studied as a tool to interpret and characterize the organic compounds

COURSE	DETAILS
Code	BSC CHC-332
Title	<b>Chemistry Paper VI</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04



Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Students will grasp the elementary quantum mechanics in addition to the Raman spectroscopy and electronic spectra of transition metal complexes.</p> <p><b>CO 2:-</b>Students will learn Industrial applications of organometallic compounds are discussed to synthesise the polymers and catalysts.</p> <p><b>CO 3:-</b>Students will get the knowledge in important name reactions of organic chemistry and their mechanisms .</p> <p><b>CO 4:-</b>Students will study role of different analytical tools to characterize the chemical compounds .</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 333
Title	Practical's V
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:</b> Learn gravimetric estimation of different metals.</p> <p><b>CO 2:</b> They also learn colorimetry, determination of adulterants in food stuff, effluent analysis, steam distillation.</p> <p><b>CO 3:</b> In this practical students learn stereochemistry of organic compound through models.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHC-381
Title	<b>Chemistry Paper VII</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04

Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Students will study the construction and working of electrodes and fuel cells in addition determination of conductivity and pH measurements.</p> <p><b>CO 2:-</b>Students will gain knowledge in preparation, properties and uses of inorganic and synthetic polymers.</p> <p><b>CO 3:-</b>Students will know the function of composites in diversified applications.</p> <p><b>CO 4:-</b>Students will learn classification, preparation, structure and uses of different alkaloids, Terpenes, pesticides, herbicides and fungicides.</p> <p><b>CO 5:-</b>Students will know the importance and advantages of Green chemistry where lot of innovations are in going on.</p> <p><b>CO 6:-</b>Students will know the principle, instrumentation and significances of mass spectrometry.</p> <p><b>CO 7:-</b>Students will learn fractional distillation of petrochemicals and properties.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHC-382
Title	<b>Chemistry Paper VIII</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of Models, Use of PPT Presentations, Brainstorming, Seminars and Presentations, Use of Charts, Model Making Activity
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Students will be exposed to the instrumentation and uses of colorimeter and spectrophotometers.</p> <p><b>CO 2:-</b>Students will understand the principle and uses of Nuclear Magnetic spectroscopy and photoelectron spectroscopy for the characterization of organic compounds.</p> <p><b>CO 3:-</b>Students will know the inter conversion and configuration of various carbohydrates.</p> <p><b>CO 4:-</b>Students will know the distinction between different classes of Amino acids, Proteins, vitamins and Hormones.</p> <p><b>CO 5:-</b>Student will be exposed to Retro synthesis which is new method of synthesis of organic compound containing large molecules.</p> <p><b>CO 6:-</b>Students will gain in depth knowledge of Lipids, drugs, chemotherapeutic agents and organo sulphur compounds.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCCHP 383

Title	Practical's VI
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	01
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Use of equipment's, Demonstration of the experiments, Brainstorming, Use of Charts.
Evaluation Method	One Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:</b> Learn different types of organic reactions like acetylation, nitration, bromination, diazotization, oxidation and hydrolysis.</p> <p><b>CO 2:</b> The students also learn the use of different instruments like conductometer (conductometric titration), potentiometer(potentiometric titration), colorimeter(colorimetric titration) and polarimeter.</p> <p><b>CO 3:</b> The students also learn the preparation of different complexes.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHCE 133
Title	<b>Food Chemistry &amp; Biomolecules</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam .
<b>EXPECTED LEARNING OUTCOMES</b>	
<p><b>CO 1:-</b>Student will have the knowledge of common laboratory hazards, cause of occurrence of these hazards, healthy practices to minimize them and preparedness for the emergencies.</p> <p><b>CO 2:-</b>Student will acquaint with the knowledge of preparation of laboratory reagents for the purpose of qualitative and quantitative analysis.</p> <p><b>CO 3:-</b>Importance of open mind while working in the laboratory is highlighted to the student through some of historical accidental discoveries (Serendipity) that made extreme impact on life style.</p> <p><b>CO 4:-</b>Student will have the knowledge of important domestic chemicals used in day today life like cleansing agents, safety matches, mosquito coils, germicides etc with examples and chemical composition.</p>	

**CO 5:-**Student is imparted with the knowledge of cosmetics and their chemical composition.

**CO 6:-**Student will have the knowledge of application of colloids in natural phenomenon and industry.

COURSE	DETAILS
Code	BSc CHCE-183
Title	<b>Computer for Chemists &amp; Laboratory Safety Techniques</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam .

#### **EXPECTED LEARNING OUTCOMES**

**CO 1:-**Student is imparted with basic knowledge of computer & computer languages, computer programs and packages.

**CO 2:-**Student will have an understanding of Chemistry Sketch for drawing chemical formulae, structures and graphs.

**CO 3:-**Student will acquaint with the knowledge of principle of buffer solution, their preparations and applications.

**CO 4:-**Student will have the knowledge of importance of solubility product principle in inorganic qualitative analysis.

**CO 5:-**Student is imparted with basic knowledge of importance of biomolecules like vitamins, carbohydrates, proteins and lipids in human health through some examples.

**CO 6:-**Student will have the knowledge of different types of chemotherapeutic agents or drugs and their uses in treatment of different diseases

COURSE	DETAILS
Code	BSCCHCE-233
Title	<b>Corrosion and Green Techniques</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02

Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam .
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Student will have the basic knowledge of chemical principle behind corrosion, environmental factors affecting corrosion and methods of preventing.	
<b>CO 2:-</b> Student will have an awareness of pure water through the study of sources of water contamination, analysis of water purity and purification methods of contaminated water.	
<b>CO 3:-</b> Students will have the basic knowledge of principles of environmental friendly green chemistry, some examples of green synthesis and limitations of green techniques.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSC CHOE-283
Title	<b>Chemistry in everyday life</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam .
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Students will have the knowledge of importance of food, preparation of food, food processing and food safety.	
<b>CO 2:-</b> Student will have an awareness of food adulteration, its detection and prevention and food adulteration act.	
<b>CO 3:-</b> Student will have the knowledge of important domestic chemicals used in day today life like cleansing agents, safety matches, mosquito coils, wax candles, germicides etc. with examples and chemical composition.	
<b>CO 4:-</b> Student is imparted with the knowledge of different cosmetics like talcum powder, nail polish, lipsticks, perfumes and deodorants with examples and chemical composition.	
<b>CO 5:-</b> Students study the possibility of using alternative sources of energy through the study of solar energy, wind energy and hydropower	

## **COURSE OUTCOME OF MATHEMATICS**

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC131
Title	<b>Calculus and Analytical Geometry</b>
Programme	Bachelor of Science (B.Sc.)

Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Solve real life problems using optimization problems.

**CO 2:-**Learn the technique of sketching the graph of the function using its properties.

**CO 3:-**Differentiate integrable and non-integrable functions.

**CO 4:-**Solve problems related to Mean Value Theorem and Fundamental theorem of calculus.

**CO 5:-**Find domain, range, level curve sand level surfaces for a given function.

**CO 6:-**Transform the general quadratic equation in to another without xy term by rotation of axes.

**CO 7:-**Sketch the graph, level curves, level surfaces, find the area bounded by two curves and rotation of conic using maxima software.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP132
Title	Practical's I
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam

#### **EXPECTED LEARNING OUTCOME**

Upon the completion of this course, the students will be able to :

**CO 1:-**Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC181
Title	<b>Number Theory and Calculus</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course

Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Find greatest common divisors of larger numbers, solve Diophantine equations.

**CO 2:-**Convert binary to decimal and vice-versa.

**CO 3:-**Find Taylor series, directional derivatives, gradient and tangent to level curves and surfaces.

**CO 4:-**Graph the function in polar coordinates.

**CO 5:-**Find the limit it of integration and reverse the order of integration in double integrals

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP182
Title	Practical's II
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam

#### **EXPECTED LEARNING OUTCOME**

Upon the completion of this course, the students will be able to :

**CO 1:-**Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC231
Title	<b>Sequences, Series and Differential Equations</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100

Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Classify the divergent and convergent sequence and find its limit, if exists. <b>CO 2:-</b> Apply all varieties of tests to determine the nature of a given in finite series. <b>CO 3:-</b> Classify the given differential equation and apply the appropriate for solving it. <b>CO 4:-</b> Apply the solving techniques of differential equations in mathematics, physics ,chemistry and biology. <b>CO 5:-</b> Write systematic programs to solve O.D.E. and to check the convergence of series and sequence using maxima.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP232
Title	Practical's III
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to : <b>CO 1:-</b> Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC281
Title	<b>Algebra and Complex Analysis</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations



Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Define, identify and give example for group, Subgroup, Coset, Normal subgroup, Quotient group, Normalizer and Centralizer.	
<b>CO 2:-</b> Use and apply homomorphism between groups.	
<b>CO 3:-</b> Use theorem so the course to analyse the structure of groups.	
<b>CO 4:-</b> Evaluate a contour integral using parameterization	
<b>CO 5:-</b> Use Wx-maxim as of are to identify cyclic groups and to find number of subgroups	
<b>CO 6:-</b> Perform basic mathematical operations (Arithmetic, power, roots) with complex numbers in Cartesian and polar forms.	
<b>CO 7:-</b> Evaluate limits and apply it to determine continuity and to determine continuity and to deduce necessary and sufficient conditions for a function of complex variable to be differentiable.	
<b>CO8:-</b> Work with the elementary (polynomials, reciprocals, exponential, trigonometric ,hyperbolic etc) of single complex variable and describe mappings in the complex plane.	
<b>CO 9:-</b> Find real and imaginary part of analytic function and to find roots and complex numbers through programs.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP282
Title	Practical's IV
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	
<b>CO 1:-</b> Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC331
Title	<b>Algebra and Laplace Transforms</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48

Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Understand the actual theories behind the solving technique so problems in algebra.

**CO 2:-**Classify the linearly independent and dependent vectors.

**CO 3:-**Extract basis from generating sets of vectors space and find bases and dimension so fits subspaces.

**CO 4:-**Determine Laplace transforms and inverse Laplace transform so various functions.

**CO 4:-**Solve initial value problem sand problem on vibration of spring using the concepts of Laplace transforms

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC332/BSCMTC333
Title	<b>Graph Theory/Discrete Mathematics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Find chromatic number and chromatic polynomial.

**CO 2:-**Identify the properties of tree

**CO 3:-**Differentiate planar, non-planar, Hamiltonian and Euler graphs.

**CO 5:-**Identify matrices related to graphs.

**CO 6:-**Construct examples and to distinguish examples from non-examples for basic concepts in graph theory.

#### **Discrete Mathematics**

**CO 1:-**Perform basic operations on graphs ,identify paths ,circuits ,graph colouring ,construct both Eulerian and Hamiltonian Paths and circuits

**CO 2:-**Construct examples with related figures on types of trees, spanning trees, the learn shortest path algorithms and to construct prefix code.

**CO 3:-**Find homogeneous and particular solutions of line accordance lotions with constant coefficients.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP334
Title	Practical's V
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering..</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC381
Title	<b>Numerical Analysis</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>To demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems.</p> <p><b>CO 2:-</b>To derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and non-linear equations and the solution of differential equations.</p> <p><b>CO 3:-</b>To analyse and evaluate the accuracy of common numerical methods.</p> <p><b>CO 4:-</b>To implement numerical methods in Wx Maxima software.</p> <p><b>CO 5:-</b>To write efficient, well-documented Wx Maxima code and present numerical results in an informative way</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTC382/BSCMTC383/BSCMTC384

Title	<b>Linear Algebra/Linear Programming/Partial Differential Equations</b>		
Programme	Bachelor of Science (B.Sc.)		
Year / Semester	Third/Sixth		
Type	Core Course		
Total Credits	02		
Total Contact Hours	<b>36</b>		
Contact Hours per Week	03		
Examination Duration	03 Hours		
Max. Marks	CIA : 20	End Semester Exam : 80	Total : 100
Total Modules	04		
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Brainstorming, Seminars and Presentations		
Evaluation Method	Assignments, Two Internal Assessment Exam, One End Semester Exam		

#### **EXPECTED LEARNING OUTCOME**

##### **Linear Algebra**

**CO 1:-**Kernel of transformation, dimension of vector space.

**CO 2:-**Different types of matrices like idempotent, nilpotent, triangular, singular and non-singular matrices.

**CO 3:-**Write the matrix as product of elementary matrices.

**CO 4:-**Rank, inverse, minimal polynomial of matrix and linear transformation.

##### **Linear Programming**

**CO 1:-**Write algorithms for various types of Linear programming problems

**CO 2:-**Uses to solve Linear programming problems.

##### **Partial Differential Equations (BSCMTC384)**

**CO 1:-**Determine the solution of total differential equation.

**CO 2:-**Classify the given PDE into different types and apply the appropriate method for solving it.

**CO 3:-**Develop computational skills in students.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTP385
Title	Practical's VI
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	14 experiments
Pedagogy	Lectures with interactive sessions, Program writing
Evaluation Method	Record book, One Internal Assessment Practical Exam, One End Semester Practical Exam
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Students will have the knowledge and skills to implement the programs listed below in the Scilab/Maxima programming language. They can be expected to apply these programming skills of computation in science and Engineering.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMTCE183
Title	<b>Vector Calculus</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<p><b>CO 1:-</b>Manipulate vectors to perform geometrical calculations in three dimensions.</p> <p><b>CO 2:-</b>Calculate and interpret derivatives in up to three dimensions.</p> <p><b>CO 3:-</b>Use Green's theorem and divergence theorem to compute integrals.</p> <p><b>CO 4:-</b>Understand physical meaning of vector field, force ,velocity ,acceleration ,arc length ,Curl ,divergence ,Circulation, flux etc</p>	

## **COURSE OUTCOME OF COMPUTER SCIENCE**

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC131</b>
Title	<b>Digital Computer Fundamentals</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	

**CO 1:-**Know the concept of computer and peripherals.

**CO 2:-**Understand the usage of number system and Boolean algebra in computers

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP 132</b>
Title	<b>Digital and MS OFFICE Lab</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Hands session for MS OFFICE, Implementation of hardware experiments
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understand the creation of documents using MS Word, Creation of worksheet using MS Excel and prepaation slides using MS PowerPoint.	
<b>CO 2:-</b> Understand the implementation of hardware experiments using the related ICs	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC181</b>
Title	<b>Problem Solving using C Language</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Write the algorithm and flowcharts to solve a problem.	
<b>CO 2:-</b> Write the C programs for a particular problem	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP182</b>
Title	<b>C Programming Lab</b>
Programme	Bachelor of Science (B.Sc.)

Year / Semester	First/Second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Hands on session to solve the problems using C language.
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Know the concept of programming languages.	
<b>CO 2:-</b> Understand the usage C language to solve the problems.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC231</b>
Title	<b>Data Structures</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> To solve the problems using data structures such as stacks, queues, trees, linked lists and graphs and writing of programs using C.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP232</b>
Title	<b>Data Structures Lab</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Hands on session to solve the problems of data structures using C language.

Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> To write the C programs to solve the problems of data structures such as stacks, queues, trees, linked lists.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC281</b>
Title	<b>Operating Systems and LINUX</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:</b> understand the concepts of operating system, resources of operating system	
<b>CO 2:-</b> Understand the management of memory, processor and devices and files.	
<b>CO 3:-</b> Understand Linux environment, commands and shell programming-.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP282</b>
Title	<b>LINUX Lab</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Hands on session to understand the LINUX environment and solve the problems using Shell programs.
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:</b> Practical usage of Linux environment, commands and writing the shell programs to solve the problems.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC331</b>
Title	<b>DATABASE CONCEPTS AND ORACLE</b>
Programme	Bachelor of Science (B.Sc.)



Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understand the concepts of database, its models, relational model, relational algebra and design theory of relational database.	
<b>CO 2:-</b> Create tables, joining the tables, writing SQL queries and writing PL/SQL programs.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC332</b>
Title	<b>MICROPROCESSOR ARCHITECTURE AND 8086 PROGRAMMING</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Elective Paper
Total Credits	02
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Understand the architecture of 8086 processor, addressing modes.	
<b>CO 2:-</b> Understand the directives and instructions of 8086, interrupts and its services.	
<b>CO 3:-</b> Write the 8086 programs.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP333</b>
Title	<b>8086 and Oracle Programming Lab</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Paper
Total Credits	02
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04

Pedagogy	Hands on session to implement the 8086 programs and Oracle programs
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understand the concepts of 8086 microprocessor and assembly level programming using 8086.	
<b>CO 2:-</b> Create tables, joining the tables, writing SQL queries and writing PL/SQL programs.	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC381</b>
Title	<b>Object Oriented Programming with JAVA</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Paper
Total Credits	02
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions and practical's, Group Discussions and Presentations
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understand the concepts of OOP and Java fundamentals.	
<b>CO 2:-</b> Write the Java programs using the concepts of inheritance, interfaces, packages, multithreading and applets	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSC382</b>
Title	<b>VISUAL BASIC.NET PROGRAMMING</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Elective Paper
Total Credits	02
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Develop skill in VB.NET framework, tools, programming and connectivity with databases	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSP383</b>
Title	<b>Java Programming and Visual Basic Lab</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Hands on session to implement the Java programs and VB.Net programs
Evaluation Method	Viva-Voce, Internal Assessment Exam both theory and practical's, University Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Understand the concepts of Object Oriented Programming with Java and Implementation of Java programs to solve the programs.	
<b>CO 2:-</b> Understand the concepts of .Net frame work and Implementation of VB.Net programs to solve the programs	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSCE233</b>
Title	<b>System Administration and Maintenance</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Install the windows operating systems, to setup network and to use the tools of control pan	
<b>CO 2:-</b> be able to install and manage the Linux operating systems	

<b>COURSE</b>	<b>DETAILS</b>
Code	<b>BSCCSOE283</b>
Title	<b>Fundamentals of Information Technology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Open Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50

Total Modules	02
Pedagogy	Lectures with interactive sessions
Evaluation Method	Two Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Know the functional units of computer, Input/output devices, and storage devices.	
<b>CO 2:-</b> know the computer software, network, Internet usage and cyber security issues.	

## COURSE OUTCOME OF BOTANY

COURSE	DETAILS
Code	BSCBOC131
Title	<b>Microbes and Algae</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understanding the scope and contributions of Indian Scientists to Botany	
<b>CO 2:-</b> Understanding the basis of classification of organisms into kingdoms	
<b>CO 3 :-</b> Understanding of diversity of microbes and algae	
<b>CO 4 :-</b> Understanding the economic importance of microbes and algae	

COURSE	DETAILS
Code	<b>BSCBOP132</b>
Title	Practical's I
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Ability to properly handle and use dissection and compound microscopes and related laboratory skills like slide preparation, staining, laboratory safety, etc.

**CO 2:-**Ability to identify common microbes and algae based on their morphological features using microscopes. Acquiring the skills in doing the experiments in Mechanics and Thermal Physics.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC181
Title	<b>Fungi, Bryophytes, Histology and Anatomy</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understanding of Diversity of fungi, and bryophytes	
<b>CO 2:-</b> Understanding the economic importance of fungi	
<b>CO 3 :-</b> Understanding the different plant tissues and internal structure of plants	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOP182
Title	Practical's II
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Ability to identify common fungi and bryophytes based on their morphological and anatomical features using microscopes.

**CO 2:-**Ability to cut histological sections of plant tissues, prepare microscopic slides and identify the tissues

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC231
Title	<b>Pteridophytes, Gymnosperms and Angiosperm Embryology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understanding of Diversity of Pteridophytes and Gymnosperms	
<b>CO 2:-</b> Understanding the importance of pollination and pollinators in nature	
<b>CO 3 :-</b> Ability to identify the pollination mechanisms based on floral morphology	

<b>COURSE</b>	<b>DETAILS</b>
Title	Practical's III
Code	BSCBOP232
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Ability to identify common Pteridophytes and Gymnosperms based on their morphological and anatomical features.

**CO 2:-**Ability to identify plant embryological slides using microscopic features.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC281
Title	<b>Taxonomy and Economic Botany</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understanding of the importance and history of plant taxonomy and nomenclature <b>CO 2:-</b> Understanding the outlines of Bentham and Hookers system of Angiosperm classification <b>CO 3:-</b> Understanding of vegetative and floral characters of selected plant families <b>CO 4:-</b> Understanding of economic importance of plants	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOP282
Title	Practical's IV
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :  
**CO 1:-**Ability to dissect an angiosperm flower and write floral formula, draw floral diagram.  
**CO 2:-**Ability to identify a plant to its family level, based on its vegetative and floral characters, using Flora

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC331
Title	<b>Ecology and Environmental Biology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understanding the interrelationships and interactions between living and non-living factors <b>CO 2:-</b> Understanding the basic concepts of an ecosystem <b>CO 3:-</b> Understanding the importance of natural resources and their conservation <b>CO 4:-</b> Understanding the various environmental concerns and methods to control them.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC332
Title	<b>Plant Physiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	<b>03</b>
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	



**CO 1:-**Understanding of importance of water to plants  
**CO 2:-**Understanding of plant mineral nutrition and enzymes  
**CO 3:-**Understanding the mechanism of photosynthesis and growth in plants  
**CO 4:-**Understanding of vegetative and reproductive growth

COURSE	DETAILS
Code	BSCBOP333
Title	Practical's V
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / fifth
Type	Core Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>Ability to analyse soil/water samples for their physico-chemical properties like pH and salinity</p> <p><b>CO 2:-</b>Knowledge of working principles and ability to use field instruments used during ecological studies</p> <p><b>CO 3:-</b>Ability to identify the ecological habitat of plants based on morpho-anatomical features, in the laboratory</p> <p><b>CO 4:-</b>Ability to explain important plant physiological phenomena with the help of suitable laboratory experiments.</p> <p><b>CO 5:-</b>Ability to design and conduct basic botanical field-based projects/research and prepare reports.</p>	

COURSE	DETAILS
Code	BSCBOC381
Title	<b>Cytology, Molecular Biology and Genetics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.

Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understanding the types and structure of cells	
<b>CO 2:-</b> Understanding the basis of heredity	
<b>CO 3:-</b> Understanding the historical aspects of genetics and contribution of Mendel	
<b>CO 4:-</b> Understanding the structure, function and variations in chromosomes	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOC382
Title	<b>Plant Propagation and Biotechnology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning, study field visit, experimental learning, and project-based learning.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments, field visit report
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understanding of traditional plant breeding and propagation techniques	
<b>CO 2:-</b> Understanding of modern botanical techniques like plant tissue culture and plant biotechnology	
<b>CO 3:-</b> Understanding of environmental biotechnology	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOP383
Title	Practical's VI
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / sixth
Type	Core Course
Total Credits	01
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	10 experiments
Pedagogy	Use of plant specimen, charts, Use of power point presentation, use of over headed projector, Study field visit, experimental learning, and experiment demonstration
Evaluation Method	Records, one Preparatory practical Exam, One End Semester Exam, Algal specimen and field note submission
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Ability to demonstrate the cytological processes like mitosis and meiosis using appropriate laboratory techniques

**CO 2:-**Ability to study cells and measure their size using microscopic tools Carey –foster bridge, Basics Logic gates Using NAND gates.

**CO 3:-**Understanding of modern botanical techniques like plant tissue culture and plant biotechnology

**CO 4:-**Ability to propagate plants using different plant propagation techniques

**CO 5:-**Ability to analyse and solve genetic problems using Punnet square and other methods..

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOE 133
Title	<b>Mushroom Cultivation Technology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Understanding of structure and diversity of mushrooms	
<b>CO 2:-</b> Understanding of and ability to identify edible and cultivated mushrooms	
<b>CO 3:-</b> Knowledge of mushroom cultivation methods	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOE 183
Title	<b>Herbal Technology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10                      End Semester Exam : 40                      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning

Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Awareness about traditional plant based health systems and medicinal importance of plants	
<b>CO 2:-</b> Knowledge and ability to identify important medicinal plants and their parts by different techniques	
<b>CO 3:-</b> Understanding of herbal drug adulteration and evaluation	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOE233
Title	<b>Vegetative and Reproductive Morphology of Angiosperms</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Plant morphological structures and modifications	
<b>CO 2:-</b> Understanding of reproductive morphology of plants	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCBOE 283
Title	<b>Plant Diversity for Human Welfare</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> General awareness on the concept of biodiversity and its types.	

**CO 2:-**Understanding of importance of plants as source of food, medicine and other products essential for human survival.  
**CO 3:-**Understanding the cultural and ecological importance of plants and the need for their conservation

## COURSE OUTCOME OF ZOOLOGY

COURSE	DETAILS
Code	BSCZOC-131
Title	<b>ANIMAL DIVERSITY-I (NON-CHORDATA)</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20    End Semester Exam : 80    Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Understand the basic principles of animal taxonomy <b>CO 2:-</b> Appreciate the vast biodiversity of local and global level and get an insight about the need for conservation. <b>CO 3:-</b> Identify the invertebrates and classify them up to the class level with the basis of systematics. <b>CO 4:-</b> Create the awareness of the economic importance and significance of invertebrates.	

COURSE	DETAILS
Code	BSCZOP-132
Title	Practical's I
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10    End Semester Exam : 40    Total : 50
Total Modules	3
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.
Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Identify different organ systems of invertebrates through dissection of their body.

**CO 2:-**Identify different invertebrates and assign them to their respective taxonomical group based on the characters studied.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-181
Title	<b>ANIMAL DIVERSITY-II (CHORDATA)</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's ,field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1:-</b> Describe the diversity in form, structure and habits of proto chordates and vertebrates	
<b>CO 2:-</b> Explain general characteristics and classification of different classes of vertebrates	
<b>CO 3:-</b> Identify and distinguish between poisonous and non-poisonous snakes by observing characteristic features	
<b>CO 4:-</b> Understand the basic anatomy of vertebrate body	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOP-182
Title	Practical's II
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	3
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.
Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Identify different organ systems of vertebrates in dissected animal..

**CO 2:-**Identify various exoskeletal and endoskeletal structures of vertebrates.

**CO 3:-**Identify different chordates and assign them to their respective taxonomical group based on the characters studied.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-231
Title	<b>PHYSIOLOGY, BIOCHEMISTRY AND IMMUNOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Understand the functions of various systems, and apply the knowledge to lead a healthy life</p> <p><b>CO 2:-</b>Understand the importance of Bio molecules, and familiar with various biochemical pathways.</p> <p><b>CO 3:-</b>Explain the role of immune system in maintaining health, immunological response and the way it is triggered and regulated</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOP-232
Title	Practical's III
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	14 experiments
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.
Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**Analyse various food samples to determine the nature of nutrients present.

**CO 2:-**Analyse human urine samples through laboratory techniques to find out health and disease conditions

**CO 3:-**Analyse human blood samples through laboratory techniques to find out health and disease conditions.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-281
Title	<b>HISTOLOGY, ANIMAL BEHAVIOUR, APPLIED ZOOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20    End Semester Exam : 80    Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-** Explain the gross anatomical structure of different organ systems and histological details of different organs in mammals in general and in humans in specific.

**CO 2:-** Apply skill-based knowledge of histological techniques.

**CO 3:-** Gain fundamental knowledge in the concepts of animal behaviour which enable the student to conceptualize learning behaviour, communication, migration and biological rhythms in animals.

**CO 4 :-** Identify various methodologies and perspectives of applied branches of zoology for the possibilities of self-employment.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOP-282
Title	Practical's IV
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10    End Semester Exam : 40    Total : 50
Total Modules	03
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.



Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	
<b>CO 1:-</b> Carry out systematic field work to gain knowledge about animal behaviour and various applied aspects of animal life	
<b>CO 2:-</b> Identify various useful animal products	
<b>CO 3:-</b> Identify various birds' nests, castes of honey bees and parental care behaviour.	
<b>CO 4:-</b> Prepare slides and identify various mammalian tissues.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-331
Title	<b>CELL BIOLOGY AND BIOTECHNOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>24</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understand the structure of cells and cell organelles in relation to the functional aspects and understanding of the working principles and applications of microscopes.	
<b>CO 2 :-</b> Understand the structure and functions of chromosomes; the process of cell division and its significance.	
<b>CO 3 :-</b> Gain fundamental knowledge of protein synthesis.	
<b>CO 4 :-</b> Understand the basic aspects of cancer biology.	
<b>CO 5:-</b> Understand the applications of Biotechnology and be familiar with the tools and techniques of Biotechnology	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-332
Title	<b>GENETICS, BIOSTATISTICS, EVOLUTION AND PALAEONTOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04

Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Appreciate the contribution of great scientists; distinguish Classical Genetics and Molecular Genetics. <b>CO 2 :-</b> Describe the concepts of heredity, chromosomal aberrations, gene regulation and genetic diseases, its inheritance and importance of genetic counselling. <b>CO 3 :-</b> Critically analyse, think logically and reason, through solving genetic problems. <b>CO 4 :-</b> Able to manage the statistical data in biological studies. <b>CO 5 :-</b> Understand the concept of evolution through Lamarckism, Darwinism and Neo-Darwinism. <b>CO 6 :-</b> Understand the Geological time scale, fossils and their significance	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOP-333
Title	Practical's V
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	06
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.
Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to : <b>CO 1:-</b> Use different cytological techniques in the study of cell biology.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-381
Title	<b>REPRODUCTIVE BIOLOGY AND DEVELOPMENTAL BIOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04

Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understand the structure and functions of the reproductive systems <b>CO 2 :-</b> Familiar with various stages involved in embryonic development of different organisms including man <b>CO 3 :-</b> Understand the principles of IVF-ET and the importance of it <b>CO 4 :-</b> Familiar with different techniques involved in embryonic studies.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOC-382
Title	<b>ENVIRONMENTAL BIOLOGY, TOXICOLOGY AND WILDLIFE BIOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	<b>36</b>
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<b>CO 1 :-</b> Understand the structural and functional components of ecosystems and the complex mechanisms involved in the functioning of ecosystems. <b>CO 2 :-</b> Understand the concept of environmental pollution, effects and means of prevention. <b>CO 3 :-</b> Understand the effects of pesticides and toxins on the humans, animals and environment. <b>CO 4:-</b> Appreciate the fauna of the world, in general by studying the zoogeographic realms, of India in particular, by studying distribution of animals. <b>CO 5:-</b> Understand various threats for wildlife, role of different agencies and wildlife acts and policies in preventing wildlife depletion.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOP-383
Title	Practical's VI
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100

Total Modules	14 experiments
Pedagogy	Brainstorming, Group Discussions, Use of PPT Presentations/ Charts/ Models, Experimental methods.
Evaluation Method	Continuous evaluation, Practical work, Record book, Project work, One Preparatory Practical Internal Exam, One End Semester Exam..
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	
<b>CO 1:-</b> Understand basic concepts of embryology through the study of various embryological stages of different animals.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOCE-133
Title	<b>PARASITOLOGY AND VECTOR BIOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Seminars and Presentations, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Discuss human health and diseases caused by various parasites by understanding their mode of transmission, treatment and preventive measures.	
<b>CO 2:-</b> Understand the types of vectors and tools for vector control	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOCE-183
Title	<b>INSTRUMENTATION AND TECHNIQUES IN BIOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Seminars and Presentations, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	

**CO 1:-**Understand the basic working principles of different instruments involved in various biological experiments  
**CO 2:-**Understand important biological methodologies used in understanding biological principles

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOCE-233
Title	<b>AQUARIUM FISH KEEPING</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Seminars and Presentations, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Develop the skill in setting up an aquarium, maintenance of aquarium fishes and their management	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCZOCE-283
Title	<b>VERMITECHNOLOGY</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, use of OHP, use of models and museum specimens, CD's, field-oriented project
Evaluation Method	Viva-Voce, Assignment, Seminars and Presentations, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Start self employment in vermitechnology so that he/she will specialize in handling earthworms for the betterment of humanity	
<b>CO 2 :-</b> Adopt ways of treating solid waste to make it useful for agriculture	

## **COURSE OUTCOME OF MICROBIOLOGY**

COURSE	DETAILS
Code	BSCMBC131
Title	<b>Basic Microbiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

#### EXPECTED LEARNING OUTCOME

**CO 1:-**Demonstrate theory and practical skills in microscopy and their handling techniques and staining procedures.

**CO 2:-** Understand the basic microbial structure and function and study the comparative characteristics of prokaryotes and eukaryotes and also understand the structural similarities and differences among various physiological groups of microbe.

**CO 3:-**Understand various physical and chemical means of sterilization.

**CO 4:-**Know General concepts if staining,sterilization,motility studies etc.

COURSE	DETAILS
Code	BSCMBP132
Title	Basic Microbiology Practicals
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10
Pedagogy	Explanations, Lab Manual , Demonstrations through videos ,Demonstration at Lab .
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.

#### EXPECTED LEARNING OUTCOME

Upon the completion of this course, the students will be able to :

**CO 1: -**Basic lab Rules and aseptic techniques of Microbiology Laboratory

**CO 2:**will be able to use Apparatus, equipment and microscopes of microbiology laboratory and know various sterilization techniques

**CO 3:** will be able to prepare bacterial and fungal smear , mounting and identification by various staining techniques.

COURSE	DETAILS
Code	BSCMBC181
Title	<b>Microbial taxonomy and culture techniques</b>

Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

#### **EXPECTED LEARNING OUTCOME**

**CO 1:-**Know various culture media and their applications and also understand various physical and chemical means of sterilization  
**CO 2:-**Know General bacteriology, mycology and virology  
**CO 3:-**Knowledge on aseptic techniques and ability to perform routine culture handling tasks safely and effectively  
**CO 4:-**Comprehend the various methods for identification of unknown microorganisms Understand the microbial transport systems and the modes and mechanisms of energy conservation in microbial metabolism — Autotrophy and heterotrophy Know the various Physical and Chemical growth requirements of bacteria and get equipped with various methods of bacterial growth measurement

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBP-182
Title	Microbial Taxonomy and Culture techniques Practicals
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10
Pedagogy	Explanations, Lab Manual , Demonstrations through videos ,Demonstration at Lab .
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.

#### **EXPECTED LEARNING OUTCOME**

Upon the completion of this course, the students will be able to :  
**CO 1:** will be able to prepare Media of fungi and bacteria  
**CO 2:** will learn of making pure cultures of bacteria and fungi and will be able to recognize the differences among bacteria based on colonies formed on media  
**CO 3:**will be able to identify some specimens of fungi, protozoa and Blue green algae.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 231

Title	<b>Basic Biochemistry, Microbial Physiology and Microbial genetics</b>		
Programme	Bachelor of Science (B.Sc.)		
Year / Semester	Second/Third		
Type	Core Course		
Total Credits	02		
Total Contact Hours	48		
Contact Hours per Week	04		
Examination Duration	03 Hours		
Max. Marks	CIA : 20	End Semester Exam : 80	Total : 100
Total Modules	04		
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions		
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam		
<b>EXPECTED LEARNING OUTCOME</b>			
<b>CO 1:-</b> Describe the concepts of pH and its biological significance, buffers, biological buffer systems and their importance.			
<b>CO 2:-</b> Understanding the laws of thermodynamics, concepts of entropy, enthalpy and free energy changes and their application to biological systems and various biochemical studies and reactions.			
<b>CO 3:-</b> Conceptual knowledge of aerobic and anaerobic respiration and various intermediary mechanisms involved, oxidative phosphorylation.			
<b>CO 4:-</b> Overview of major biomolecules -carbohydrates, lipids, proteins, amino acids, nucleic acids, classification, above structure. Function of the mentioned biomolecules.			
<b>CO 5:-</b> Specify the biological significance of biomolecules in metabolism. Conceptual knowledge of properties, structure, function of enzymes, enzyme kinetics and their regulation, enzyme engineering, Application of enzymes in large scale industrial processes.			

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBP-232
Title	Basic Biochemistry, Microbial Physiology and Microbial genetics Practicals
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/third
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10                      End Semester Exam : 40                      Total : 50
Total Modules	10
Pedagogy	Explanations, Lab Manual , Demonstrations through videos ,Demonstration at Lab .
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b> Will be able to carry out biochemical tests for bacteria and give the presence or absence of enzymes.</p> <p><b>CO 2:-</b>will be able to estimate the amount of reducing sugar and protein in given samples</p>	



<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 281
Title	<b>Molecular Biology, Recombinant DNA Technology, Biostatistics and Bioinformatics</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>EXPECTED LEARNING OUTCOME</b>	
<p><b>CO 1:-</b>Know the terms and terminologies related to molecular biology and microbiology. Understand the properties, structure and function of genes in living organisms at the molecular level.</p> <p><b>CO 2:-</b>Explain the significance of central dogma of gene action.</p> <p><b>CO 3:-</b>Have a conceptual knowledge about DNA as a genetic material, enzymology, and replication strategies.</p> <p><b>CO 4:-</b>Understand the molecular mechanisms involved in transcription and translation. Describe the importance of genetic code and wobble hypothesis.</p> <p><b>CO 5:-</b>Discuss the molecular mechanisms underlying mutations, detection of mutations and DNA damage and repair mechanisms.</p> <p><b>CO 6:-</b>Explain the concept of recombination, and gene transfer mechanisms in prokaryotes and eukaryotes.</p> <p><b>CO 7:-</b>Elucidate the molecular techniques involved in gene manipulation and rDNA technology.</p> <p><b>CO 8:-</b>Explain the gene transfer methods for the production of transgenic animals.</p> <p><b>CO 9:-</b>Address bioethical and biosafety issues related to animal transgenics.</p> <p><b>CO 10:-</b>Handle and independently work on lab protocols involving molecular techniques like chromatography, electrophoresis, blotting techniques and nanotechnology.</p> <p><b>CO 11:-</b>Knowledge regarding the basics of Biostatistics and Bioinformatics-understanding the tools of bioinformatics tools and their applications.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBP-282
Title	<b>Molecular Biology and Recombinant DNA technology Practicals</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/fourth
Type	Core Course
Total Credits	01
Total Contact Hours	36
Contact Hours per Week	03
Examination Duration	03 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	10

Pedagogy	Explanations, Lab Manual , Demonstrations through videos ,Demonstration at Lab ,charts
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1:-</b>will be able to prepare buffers and estimate DNA and RNA in samples</p> <p><b>CO 2:-</b>separate amino acids by Chromatographic methods</p> <p><b>CO 3:-</b>MIC and Antibiotic sensitivity and gel electrophoresis</p> <p><b>CO 4:-</b>will be able to distinguish vectors used in genetic engineering.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 331
Title	<b>Agriculture Microbiology and Plant Pathology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	10
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOME</b>	
<p>Upon the completion of this course, the students will be able to :</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 332
Title	<b>Immunology and Medical Microbiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	10
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning

Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBP 333
Title	<b>Agricultural Microbiology ,Plant Pathology,Immunology and Medical Microbiology Practicals.</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / Fifth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14
Pedagogy	Explanations, Lab Manual , Demonstrations through videos, Demonstration at Lab ,charts
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	
<b>CO 1:-</b> Will be able to estimate organic carbon, inorganic phosphate in soil, determine soil moisture, identify rhizobium and rhizosphere organisms. <b>CO 2:-</b> Analyse blood group, and detect dental caries. <b>CO 3:-</b> are able to write field visit report and come to know about the tests carried about in a laboratory or visit to agricultural institutes or factories help them to know the processes carried out at that place.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 381
Title	<b>Food and Industrial Microbiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	10
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning

Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBC 382
Title	<b>Environmental Microbiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	10
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOME</b>	
Upon the completion of this course, the students will be able to :	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBP 383
Title	<b>Food ,Industrial Microbiology and Environmental Microbiology Practicals.</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Third / sixth
Type	Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	04 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	14
Pedagogy	Explanations, Lab Manual , Demonstrations through videos ,Demonstration at Lab ,charts
Evaluation Method	Viva-Voce, one Internal Assessment Exam, One End Semester Exam.
<b>EXPECTED LEARNING OUTCOME</b>	

Upon the completion of this course, the students will be able to :

**CO 1:-**will be able to analyse milk for lactic acid, lactose, check efficient pasteurization and check quality of milk.

**CO 2:-**will be able to analyse water and will be able to differentiate *E.coli* from other coliforms

**CO 3:** Mini project will enable them in designing an experiment and analyze the result, they learn time management. Are able to do literature review and write a paper. They will be able to research planning.

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBCE 133
Title	<b>Bioinstrumentation</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/First
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10    End Semester Exam : 40    Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> After successful completion of this course, students were able to understand.	
<b>CO 2:-</b> Basic skills in microscopy, their handling techniques and specimen preparation for EM.	
<b>CO 3:-</b> Construction ,principle and applications of various instruments	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBCE 183
Title	<b>Microbial quality control in food and pharma industry</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	First/Second
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10    End Semester Exam : 40    Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam,

	Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Identify microorganisms of relevance to healthcare and the pharmaceutical industry and their sources.	
<b>CO 2:-</b> Discuss Microbial spoilage and antimicrobial preservation of pharmaceutical formulations during production and in products.	
<b>CO 3:-</b> Understand various disinfection and sterilization techniques, evaluate the sterility testing, microbial assays, pharmacopoeia] standards of sterilization process.	
<b>CO 4:-</b> Evaluate microbial content testing and sterility testing.	
<b>CO 5:-</b> Demonstrate a knowledge and understanding of microbiological assays of growth promoting and growth inhibiting substances.	
<b>CO 6:-</b> Acquire a Knowledge of GMP practices, concepts & guidelines of biosafety Management and disposal of bio hazardous waste	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBCE 233
Title	<b>Clinical lab techniques</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Third
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02
Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<b>CO 1:-</b> Management of Clinical microbiology laboratory.	
<b>CO 2:-</b> Knowledge on collection, transport and processing of clinical specimens.	
<b>CO 3:-</b> Understanding the techniques involved in examination of urine and blood samples.	
<b>CO 4:-</b> Laboratory methods in basic virology and mycology.	

<b>COURSE</b>	<b>DETAILS</b>
Code	BSCMBCE 283
Title	<b>Elementary concepts of Microbiology</b>
Programme	Bachelor of Science (B.Sc.)
Year / Semester	Second/Fourth
Type	Elective Paper
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA :10      End Semester Exam : 40      Total : 50
Total Modules	02

Pedagogy	Lectures with interactive session, Use of power point presentation, use of over headed projector, Charts, Group discussion, peer teaching learning
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam, Assignments.
<b>EXPECTED LEARNING OUTCOMES</b>	
<p><b>CO 1:-</b>Understand the basic staining procedures and various physical also understand and the structural chemical means of sterilization.</p> <p><b>CO 2:-</b>Understand prokaryotes and eukaryotes and similarities and differences among various physiological groups of microbes.</p> <p><b>CO 3:-</b>Know the spoilage mechanisms in foods and thus identify to control deterioration and spoilage.</p> <p><b>CO 4:-</b>Role of microorganisms in human health and diseases.</p> <p><b>CO 5:-</b>Role of microorganisms in agriculture.</p>	

Course	Details
Code	BSCCIF131
Title	<b>Constitution of India.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First / First
Type	Group III –Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10    End Semester Exam : 40        Total : 50
Total Modules	06
Pedagogy	Debate, Group Discussions, viva-voce.
Evaluation Method	2 Internal Examinations/ viva-voce/Assignment, One end semester examination
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Acquire a complete and detailed understanding on Constitution of India.</li> <li>• Elicit the knowledge on Constitutional issues.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to: <b>CO 1:</b> Understand the structure and principles of the constitution. <b>CO 2:</b> Generate awareness on Fundamental Rights and Fundamental Duties. <b>CO 3:</b> Enrich the Knowledge on Constitutional functionaries of the state. <b>CO 4:</b> Understand the Organization and structure of Central/State government. <b>CO 5:</b> Develop insight on the Role of Judiciary in India.	

Course	Details
Code	BSCHRF181
Title	<b>Human Rights</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First/ Second
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10        End Semester Exam : 40        Total : 50
Total Modules	05
Pedagogy	Lectures with Interactive Sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / Assignment/ Viva-voce, one end semester examination
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Acquire awareness on Human Rights Issues and Concerns.</li> <li>• Enhance citizenship sensitivity and Initiatives.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to: <b>CO 1:</b> Enrich their knowledge on Human Rights and Human Values. <b>CO 2:</b> Understand the concept of Human Rights. <b>CO 3:</b> Promote and protect Human Rights in India.	



**CO 4:** Focus on issues and concerns in Human Rights.

**CO 5:** Equip themselves with international concerns on Human Rights.

Course	Details
Code	BSCGEF231
Title	<b>Gender Equity.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Third
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	04
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions, Viva-voce, Assignment, PPT.
Evaluation Method	2 Internal Assessment Examinations and VIVA-VOCE/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"><li>• Understand the Basic concepts of Gender Equity.</li><li>• Generate awareness on Gender Discrimination and Violence.</li><li>• Contribution towards women Empowerment.</li></ul>	
<b>Expected Learning Outcomes:</b> <p>Upon the completion of this course the students will be able to</p> <p><b>CO 1:</b> Enrich their knowledge on basic Concept of Gender Equity.</p> <p><b>CO 2:</b> Generate awareness on Gender Discrimination and Gender violence.</p> <p><b>CO 3:</b> Acquire knowledge on Constitutional Rights and protective Legislations for women.</p> <p><b>CO 4:</b> Gain knowledge on Measures adopted / Implemented for Gender Empowerment.</p>	

Course	Details
Code	BSCSF281
Title	<b>Environmental Studies</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Fourth
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10      End Semester Exam : 40      Total : 50
Total Modules	04
Pedagogy	Lectures with Interactive sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / viva-voce/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"><li>• Understand the Environmental studies.</li><li>• Gain awareness on Environmental pollution.</li><li>• Apply their knowledge in conservation and management of Natural Resources.</li></ul>	

**Expected Learning Outcomes:**

Upon the completion of this course the students will be able to

**CO 1:** Enrich their knowledge on Environment.

**CO 2:** Generate Awareness on Environment pollutions.

**CO 3:** Provide knowledge on Resource conservation.

**CO 4:** Provide knowledge on legislative measures for Environment pollution.

# UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

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## **B.COM. (BACHELOR OF COMMERCE)** **[POs, PSO, Cos]** **CBCS (CHOICE BASED CREDIT SYSTEM)** **( From 2019-20 Batch onwards)**

## **Programme Outcomes (POs):**

**Students of B.Com. Degree Programme at the time of graduation will be in a position to:**

<b>PO 1</b>	<b>Attain ample knowledge about Commerce Education.</b>
<b>PO 2</b>	<b>Students will gain knowledge of various disciplines such as Finance, Accounting, Mathematics, Statistics, Taxation, Economics, Costing, Marketing, Banking, and Business Laws.</b>
<b>PO 3</b>	<b>Empower with professional, inter-personal and entrepreneurial skills.</b>
<b>PO 4</b>	<b>Effectively solve different problems related to business using their analytical, creative and integrative skills.</b>
<b>PO 5</b>	<b>Develop managerial skills to make decisions in their professional life.</b>
<b>PO 6</b>	<b>Explore and demonstrate leadership quality, teamwork and social skills.</b>
<b>PO 7</b>	<b>Facilitate the students in pursuing professional programmes such as, CA, CS, CMA, and M.Com. M.B.A. and the like.</b>

## **Programme Specific Outcomes (PSOs):**

**After successful completion of B.Com. Degree Programme, the graduates will be in a position to:**

<b>PSO 1</b>	<b>Accommodate to the manpower needs of organizations in Accounting, Taxation, Business Laws, Auditing, Marketing, Financial analysis and banking.</b>
<b>PSO 2</b>	<b>Enhance communication skills, professional skills, leadership skills and ethical values.</b>
<b>PSO 3</b>	<b>Play roles of businessmen , entrepreneurs, managers, consultants etc.</b>
<b>PSO 4</b>	<b>Integrate knowledge, skill and attitude that will support an environment of learning and creativity among the students with an assurance for good careers.</b>
<b>PSO 5</b>	<b>Upsurge as competent professionals in the area of Auditing, Company Secretaryship, Cost and Management Accountants.</b>
<b>PSO 6</b>	<b>Take part and get success in various competitive exams and enable aspirants to achieve their professional goals.</b>

## COURSE OUTCOMES

Course	Details
Code	BCMENL 131
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Exam Duration	03
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	5 Lessons + 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To enable the learner to communicate in real-life situations effectively and appropriately.</li> <li>To use English effectively throughout the curriculum for study purposes.</li> <li>To develop interest in and appreciation of Literature.</li> <li>To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Read with comprehension by acquiring new vocabulary and content. <b>CO 2:</b> Read with correct pronunciation, stress, intonation, pause and articulation of voice. <b>CO 3:</b> Analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, and theme. <b>CO 4:</b> Critically examine the value and standard of the poem. <b>CO 5:</b> Acquire and improve their skills in the four literacy methods: writing, talking, reading and listening. <b>CO 6:</b> Increase their awareness of the correct use in writing and speaking of English grammar.	

Course	Details
Code	BCMENL 181
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second

Type	Group II : Compulsory Foundation Course – Language-I		
Total Credits	02		
Total Contact Hours	48		
Contact Hours per Week	04		
Exam Duration	03		
Max. Marks	CIA : 20	End Semester Exam : 80	Total : 100
Total Modules	5 Lessons + 5 Poems + 4 Grammar Items		
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations		
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam		
<b>Learning Objectives :</b> <ul style="list-style-type: none"><li>• To enable the learner to communicate in real-life situations effectively and appropriately.</li><li>• To use English effectively throughout the curriculum for study purposes.</li><li>• To develop interest in and appreciation of Literature.</li><li>• To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.</li></ul>			
<b>Expected Learning Outcomes :</b> <p><b>CO 1:</b> Learn reading with comprehension which help the learners to acquire new vocabulary and content.</p> <p><b>CO 2:</b> Read with correct pronunciation, stress, intonation, pause and articulation of voice.</p> <p><b>CO 3:</b> Analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, and theme.</p> <p><b>CO 4:</b> Critically examine the value and standard of the poem.</p> <p><b>CO 5:</b> Acquire and improve their skills in the four literacy methods i.e., writing, talking, reading and listening.</p> <p><b>CO 6:</b> Increase their awareness of the correct use in writing and speaking of English grammar.</p>			

Course	Details
Code	BCMENL 231
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group II : Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Exam Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	4 One Act Plays
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations

Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> <ul style="list-style-type: none"> <li>To enable the learner to communicate in real-life situations effectively and appropriately.</li> <li>To use English effectively throughout the curriculum for study purposes.</li> <li>To develop interest in and appreciation of Literature.</li> <li>To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing.</li> </ul>	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1:</b> Identify the story, characters, and plot. <b>CO 2:</b> Identify the author's / characters' viewpoint, attitude or opinion. <b>CO 3:</b> Enhance oral and written communication skills like accuracy and fluency of expression. <b>CO 4:</b> Master the mechanics of writing; the use of correct punctuation marks and capital letters. <b>CO 5:</b> Practice writing through assignments that ask them to plan, draft, revise and edit essays over time. <b>CO 6:</b> Gain insights on persuasive techniques used in advertising and apply the same to analyze advertising in a variety of sources viz., print, television, and Web-based advertisement.	

Course	Details
Code	BCMENL 281
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group-III : Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Exam Duration	03 Hours
Max. Marks	CIA : 20    End Semester Exam : 80    Total : 100
Total Modules	1 Novel
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> <ul style="list-style-type: none"> <li>To enable the learner to communicate in real-life situations effectively and appropriately.</li> <li>To use English effectively throughout the curriculum for study purposes.</li> <li>To develop interest in and appreciation of Literature.</li> <li>To develop and integrate the use of the four language skills i.e. reading, listening, speaking and writing.</li> </ul>	

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1:** Identify the story, characters, and plot.

**CO 2:** Identify the author's / characters' viewpoint, attitude or opinion.

**CO 3:** Enhance oral and written communication skills like accuracy and fluency of expression.

**CO 4:** Master the mechanics of writing; the use of correct punctuation marks and capital letters.

**CO 5:** Practice writing through assignments that ask them to plan, draft, revise and edit essays over time.

**CO 6:** Gain insights on persuasive techniques used in advertising and apply the same to analyze advertising in a variety of sources viz., print, television, and Web-based advertisement.

**COURSE OUTCOME OF KANNADA**

Course	Details
Code	BCMKAL 131
Title	<b>Kannada</b> ಜೇನುಹುಟ್ಟು
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಕಾವ್ಯಭಾಗದಲ್ಲಿ ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆ, ತುಳುಭಾಷೆಯ ಕವಿತೆಯನ್ನು, ಗದ್ಯಭಾಗದಲ್ಲಿ ಜನಪದ ಕತೆ, ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ ಹಾಗೂ ತ್ರಿಯಾತ್ಮಕ ಕನ್ನಡದ ಭಾಗದಲ್ಲಿ ಕನ್ನಡ ಕಲಿಕೆ-ಬಳಕೆ ಮಾಡಲು ತಿಳಿದುಕೊಳ್ಳುವುದು



**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :** ಕಾವ್ಯಭಾಗದಲ್ಲಿ ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆ, ತುಳುಭಾಷೆಯ ಕವಿತೆಯನ್ನು ಓದಿ ಕನ್ನಡದ ಅವಸ್ಥಾಭೇದಗಳನ್ನು ತಿಳಿಯುತ್ತಾರೆ.

**CO 2:** ಗದ್ಯಭಾಗದಲ್ಲಿ ಜನಪದ ಕತೆ, ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯದ ಓದಿನಿಂದ ತಮ್ಮ ವೈಚಾರಿಕ, ವೈಜ್ಞಾನಿಕ ಅರಿವನ್ನು ಪಡೆಯುತ್ತಾರೆ.

**CO 3:** ಕ್ರಿಯಾತ್ಮಕ ಕನ್ನಡದ ಭಾಗದಲ್ಲಿ ಕನ್ನಡ ಕಲಿಕೆ-ಬಳಕೆ ಮಾಡಲು ಕಲಿತುಕೊಳ್ಳುವುದರಿಂದ ಸ್ವಯಂ ಅಧ್ಯಯನ ಸಾಧ್ಯತೆ, ಡಿಜಿಟಲ್ ಮಾಧ್ಯಮದ ಪರಿಚಯವಾಗುತ್ತದೆ.

Course	Details
Code	BASKAL 181
Title	<b>Kannada ಕೊಡಗೂಸು</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate, Enacting Drama
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಜನಪದ ಸಾಹಿತ್ಯ, ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಕೊಡವಭಾಷೆಯ ಕವಿತೆಯನ್ನು, ಗದ್ಯಭಾಗದಲ್ಲಿ ಲಲಿತಪ್ರಬಂಧ, ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವ್ಯಕ್ತಿಚಿತ್ರ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯಸಂಬಂಧಿ ಲೇಖನ ಹಾಗೂ ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ನಾಟಕವನ್ನು ತಿಳಿದುಕೊಳ್ಳುವುದು.	

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :** ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಜನಪದ ಸಾಹಿತ್ಯ, ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಕೊಡವಭಾಷೆಯ ಕವಿತೆಯನ್ನು ಓದಿ ಕನ್ನಡದ ವಿವಿಧ ಕಾಲಘಟ್ಟದ ಸಾಹಿತ್ಯಿಕ ರೂಪಗಳನ್ನು ತಿಳಿಯುತ್ತಾರೆ.

**CO 2:** ಗದ್ಯಭಾಗದಲ್ಲಿ ಲಲಿತಪ್ರಬಂಧ, ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವ್ಯಕ್ತಿಚಿತ್ರ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯಸಂಬಂಧಿ ಲೇಖನದ ಓದಿನಿಂದ ತಮ್ಮ ಹಲವರು ಮಹನೀಯರ ವ್ಯಕ್ತಿತ್ವ, ಸಾಧನೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುವುದಲ್ಲದೆ, ವೈಜ್ಞಾನಿಕ ಅರಿವನ್ನು ಪಡೆಯುತ್ತಾರೆ.

**CO 3:** ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ನಾಟಕವನ್ನು ಅಧ್ಯಯನ ಮಾಡಿ ರಂಗಭೂಮಿಯ ಸಾಧ್ಯತೆಯನ್ನು ತಿಳಿಯುತ್ತಾರೆ.

Course	Details
Code	BASKAL 231
Title	<b>Kannada</b> ನುಡಿನೂಪುರ
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಹೊಸಗನ್ನಡ ಕಥನ ಕವನ, ಜನಪದ ಮಹಾಕಾವ್ಯ, ಕೊಂಕಣಿ ಹಾಗೂ ಅರೆಭಾಷೆಯ ಕವಿತೆಗಳನ್ನು, ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ, ಸಂಶೋಧನೆಗೆ ಸಂಬಂಧಿಸಿದ ಲೇಖನಗಳು ಹಾಗೂ ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಮಹಿಳಾ ಆತ್ಮಕತೆಯ ಆಯ್ದ ಭಾಗವನ್ನು ಓದುತ್ತಾರೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :** ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಕವಿತೆ, ಹೊಸಗನ್ನಡ ಕಥನ ಕವನ, ಜನಪದ ಮಹಾಕಾವ್ಯ, ಕೊಂಕಣಿ ಹಾಗೂ ಅರೆಭಾಷೆಯ ಕವಿತೆಗಳನ್ನು ಓದಿ ಕನ್ನಡದ ವಿಭಿನ್ನ ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು ಹಾಗೂ ಸ್ಥಳೀಯ ಭಾಷೆಗಳಲ್ಲಿ ನಡೆದ ಸಾಹಿತ್ಯ ಕೃಷಿಯ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2** ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ಪ್ರಬಂಧ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ, ಸಂಶೋಧನೆಗೆ ಸಂಬಂಧಿಸಿದ ಲೇಖನಗಳನ್ನು ಓದಿ ತಮ್ಮ ವೈಚಾರಿಕ, ವೈಜ್ಞಾನಿಕ ಅರಿವನ್ನು ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:** ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಮಹಿಳಾ ಆತ್ಮಕತೆಯ ಆಯ್ದ ಭಾಗವನ್ನು ಓದಿ ಮಹಿಳೆಯರ ಬದುಕಿನ ಸವಾಲುಗಳು ಹಾಗೂ ಅವರು ಅವನ್ನು ಎದುರಿಸಿದ ಬಗೆಯನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ.

Course	Details
Code	BASKAL 281
Title	<b>Kannada</b> ನುಡಿಮಂತ್ರ
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳು, ಬ್ಯಾರಿ ಹಾಗೂ ಹವ್ಯಕ ಭಾಷೆಯ ಕವಿತೆಗಳನ್ನು, ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ ಸಂಬಂಧಿ ಲೇಖನಗಳು ಹಾಗೂ ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಮಹಾಕಾವ್ಯದ ಆಯ್ದ ಭಾಗವನ್ನು ಓದುತ್ತಾರೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :** ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳು, ಬ್ಯಾರಿ ಹಾಗೂ ಹವ್ಯಕ ಭಾಷೆಯ ಕವಿತೆಗಳನ್ನು, ಓದಿ ಕನ್ನಡ ಸಾಹಿತ್ಯದ ವಿಭಿನ್ನ ಅಭಿವ್ಯಕ್ತಿಗಳನ್ನು ಅರ್ಥೈಸಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2** ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ವಿಚಾರ ಸಾಹಿತ್ಯ, ವಿಜ್ಞಾನ ಸಾಹಿತ್ಯ ಸಂಬಂಧಿ ಲೇಖನಗಳನ್ನು ಓದುವ ಮೂಲಕ ತಮ್ಮ ವೈಚಾರಿಕ, ವೈಜ್ಞಾನಿಕ ಅರಿವನ್ನು ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:** ದೀರ್ಘಪಠ್ಯದ ಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡ ಮಹಾಕಾವ್ಯದ ಆಯ್ದ ಭಾಗವನ್ನು ಓದಿ ಆಧುನಿಕ ಕವಿಗಳ ಪ್ರಗತಿಪರ ಧೋರಣೆಗಳು ಹಾಗೂ ಅವುಗಳ ಪ್ರೇರಣೆಗಳನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**COURSE OUTCOME OF Hindi**

Course	Details
Code	BCMHD131
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year/Semester	First/First
Type	Group III: Compulsory Foundation Course– Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours/ Week	04
Examination Duration	03Hours
Max.Marks	CIA:20 End Semester Exam:80 Total:100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual Classes and Debates.
Evaluation Method	Assignments, Viva-voce, MCQ Quiz, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives:**

To make students understand the moral values given in stories by detailed explanation and practicing official letters by specimen writing.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO1:** Acquire knowledge of various forms of literature.

**CO2:** Understand the need of moral values.

**CO3:** Inculcate the required Ethics.

**CO4:** Correspond and draft official letters in Hindi.

**CO5:** Gain insights one merging trends in Hindi literature.

Course	Details
Code	BCMHD181
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year/Semester	First/Second
Type	Group III: Compulsory Foundation Course–Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03Hours
Max.Marks	CIA:20                      EndSemesterExam:80                      Total:100
Total Modules	04
Pedagogy	Lectures with interactive discussions
Evaluation Method	Assignments, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To introduce the old and Modern poets and their views on spiritual and social values.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO1:</b> Acquire knowledge of ancient and modern poets and their views of life. <b>CO2:</b> Understand the need of spiritual values. <b>CO3:</b> Understand the fantasy in modern literature. <b>CO4:</b> Carry out official communication in Hindi language. <b>CO5:</b> Gain insights on the emerging trends in Hindi literature.	

Course	Details
Code	BCMHD231
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year/Semester	Second /Third
Type	Group III: Compulsory Foundation Course– Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03Hours

Max.Marks	CIA:20	End SemesterExam:80	Total:100
Total Modules	04		
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual Classes and Debates		
Evaluation Method	Viva-voce, Assignments, MCQ Quizzes, Two Internal Exams, One end Term Semester Exam		
<b>Learning Objectives:</b> To make students understand the moral values given in Drama prescribed and practicing official letters by specimen writing.			
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO1:</b> Acquire the knowledge of composing Drama <b>CO2:</b> Understand the need for inculcating moral values in social life. <b>CO3:</b> Inculcate the required Ethics. <b>CO4:</b> Draft official letters in Hindi language. <b>CO5:</b> Gain insights on the emerging trends in Hindi literature.			

Course	Details		
Code	BCMHD281		
Title	Hindi Language		
Programme	Bachelor of Commerce (B.Com.)		
Year/Semester	Second/Fourth		
Type	Group III: Compulsory Foundation Course–Language-II		
Total Credits	02		
Total Contact Hours	48		
Contact Hoursper Week	04		
Examination Duration	03Hours		
Max.Marks	CIA:20	End SemesterExam:80	Total :100
Total Modules	04		
Pedagogy	Lectures with interactive discussions, Audio Visual Classes, Role plays		
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam		
<b>Learning Objectives:</b>			
<ul style="list-style-type: none"><li>To explain the novel prescribed with enactment of characters in the play.</li><li>To practice to write Bio-Data in Hindi.</li></ul>			

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO1:** Acquire knowledge of reality in present social life.

**CO2:** Understand the need of spiritual values.

**CO3:** Understand the fantasy in modern literature.

**CO4:** Understand official language in Hindi.

**CO5:** Gain insights on the emerging trends in Hindi literature.

**COURSE OUTCOME OF SANSKRIT**

Course	Details
Code	BCMSKL131
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives:**

- To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.
- To motivate students to spread the essence of Devabhasha Sanskrit.
- To make the students appreciate the immortal works of our ancient seers and poets.
- To make the students learn good moral values and become good citizens to promote a healthy society.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Students get acquainted with prose forms of literature.

**CO 2:** They show interest in literary works.

Course	Details
Code	BCMSKL 181
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second

Type	Group III : Foundation Course – Language-II		
Total Credits	02		
Total Contact Hours	48		
Contact Hours per Week	04		
Examination Duration	03 Hours		
Max. Marks	CIA : 20	End Semester Exam : 80	Total : 100
Total Modules	04		
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations		
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam		

**Learning Objectives :**

- To improve the knowledge of Sanskrit Literature and Culture amongst the students and enable them succeed in life.
- To motivate students to spread the essence of Devabhasha Sanskrit.
- To make the students appreciate the immortal works of our ancient seers and poets.
- To make the students learn good moral values and become good citizens to promote a healthy society.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :** Students will understand the poetry in Sanskrit.

**CO 2 :** Students get acquainted with Sanskrit Grammar.

Course	Details
Code	BCMSKL 231
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III : Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam



**Learning Objectives :**

- To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.
- To motivate students to spread the essence of Devabhasha Sanskrit.
- To make the students appreciate the immortal works of our ancient seers and poets.
- To make the students learn good moral values and become good citizens to promote a healthy society.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1:** Students would be able to understand the importance of Sanskrit drama.

**CO 2:** Students can understand the literary beauties of Sanskrit Drama.

<b>Cours e</b>	<b>Detail s</b>
Code	BCMSKL 281
Title	<b>Sanskrit Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III : Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives :**

- To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.
- To motivate students to spread the essence of Devabhasha Sanskrit.
- To make the students appreciate the immortal works of our ancient seers and poets.
- To make the students learn good moral values and become good citizens to promote a healthy society.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1:** They can handle the situation in difficulty by using the ancient concepts.

**CO 2:** Students are introduced to vast range of Sanskrit Literature.

**FIRST SEMESTER:**

Course	Details
Code	BCMCMC 131
Title	<b>Quantitative Techniques-I</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	3 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	05
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objective:</b> To develop a strong foundation in mathematics and statistical theory as the basis for growth over a professional career.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the basic concepts involved in statistics. <b>CO 2:</b> Apply the use of basic statistical tools. <b>CO 3:</b> Construct simple price, quantity and value index. <b>CO 4:</b> Apply the concept of compound interest and simple interest techniques in solving the problems. <b>CO 5:</b> Understand the concept of ratios and proportions.	

Course	Details
Code	BCMCMC 132
Title	<b>Financial Accounting-I</b>
Programme	Bachelor of Commerce (B.Com.)

Year / Semester	First / First
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lectures, chalk and talk, use of PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

**Learning Objective:**

To help the students to acquire conceptual knowledge of the financial accounting and to impart skills for recording various kinds of business transaction.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Explain the accounting principles, concepts and accounting standards.

**CO 2:** Develop the skills needed to analyze the financial statements effectively.

**CO 3:** Determine the useful life and value of the depreciable asset.

**CO 4:** Identify the type of errors and rectify the same.

**CO 5:** Acquire the skills required by accounting professionals.

Course	Details
Code	BCMCMC 133
Title	<b>Strategic Management and Organizational Behavior</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group I: Core course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lectures with interaction, PPT Presentations, Student Seminars, Case Studies, Group Discussions, Role Play activities
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To acquaint students with basic concepts and practices of strategic management.</li> <li>To acquire knowledge about human interaction in an organization.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept of strategy and strategic management. <b>CO 2:</b> Analyze the complex environment in which a business operates. <b>CO 3:</b> Explain the basic concepts, principles and practices associated with strategy formulation and implementation. <b>CO 4:</b> Integrate and apply knowledge gained in the formulation and implementation of strategies. <b>CO 5:</b> Devise strategic approaches in managing day today business successfully. <b>CO 6:</b> Demonstrate the applicability of the concepts of organizational behavior in the workplace.	

Course	Details
Code	BCMCMC 134
Title	<b>Business Economics</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Seminars and Presentations, Chalk and Talk
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To have consistent and coherent command of the language of Economics, its standard terms and basic concepts.</li> <li>To analyze how economic agents make decisions and choices using theoretical knowledge and practical approach.</li> <li>To familiarize the students the basic concept of macro-economics and its applications.</li> <li>To study the behavior of the economy as a whole.</li> <li>To apply economic reasoning to problems of the economy.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the nature and scope of Economics. <b>CO 2:</b> Gain knowledge about the Demand and Supply Analysis. <b>CO 3:</b> Relate Production Analysis and market trends. <b>CO 4:</b> Understand and familiarize with Macro-economic Analysis.	

Course	Details
Code	BCMCCE 135
Title	<b>Corporate Secretaryship</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming Sessions, Practical Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• This course focuses on in-depth knowledge about secretarial practices.</li> <li>• To learn the various provisions of company law relating to meetings and resolutions.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the basics of corporate secretaryship. <b>CO 2:</b> Apply the fundamentals of secretarial role in corporate affairs. <b>CO 3:</b> Correspond with various stakeholders. <b>CO 4:</b> Analyze the various provisions of Company law relating to meetings and resolutions.	

Course	Details
Code	BCMCCE 136
Title	<b>Principles and Practice of Tourism</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures with interactive sessions, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• To pursue career in tourism as a tour operator or tour manager.</li> <li>• To understand the basic concepts and types of tourism.</li> <li>• To understand the various dimensions of tourism.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Analyze the basic concepts of tourism. <b>CO 2:</b> Understand the various motivators of travel. <b>CO 3:</b> Acquire knowledge in the dimensions of tourism. <b>CO 4:</b> Pursue career in the field of tourism. <b>CO 5:</b> Plan tourism product and development.	

Course	Details
Code	BCMCCE 137
Title	<b>E-Commerce</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group II: Elective Course
Total Credits	0
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming Sessions
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> This course focuses on principles of e-commerce from a business perspective, providing an overview of business and technology topics, business models, ITES Tools and enables the students to be an entrepreneur by using online platform.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Demonstrate the fundamentals of E-Commerce. <b>CO 2:</b> Infer the models on E-Commerce Business. <b>CO 3:</b> Acquire knowledge of ITES tools. <b>CO 4:</b> Illustrate the knowledge of E-Commerce Techniques. <b>CO 5:</b> Invent entrepreneurial opportunities with service orientation using online platform.	



Course	Details
Code	BCMCCE 138
Title	<b>Intellectual Property Rights (IPR)</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brainstorming Sessions
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To give insights into the laws relating to intellectual property rights and to develop capabilities to explore career options in intellectual property rights.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Demonstrate a basic understanding of the laws affecting intellectual property rights. <b>CO 2:</b> Able to understand the concept of patents, trademark, copyrights etc. <b>CO 3:</b> Explore the career options in intellectual property rights. <b>CO 4:</b> Develop their own intellectual property. <b>CO 5:</b> Insights into previous case studies on intellectual property rights.	

Course	Details
Code	BCMENL 131
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	5 Lessons + 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

#### **Learning Objectives:**

- To enable the learner to communicate in real-life situations effectively and appropriately.
- To use English effectively throughout the curriculum for study purposes.
- To develop interest in and appreciation of Literature.
- To develop and integrate the use of the four language skills i.e., Reading, Listening, Speaking and Writing.

#### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Read with comprehension by acquiring new vocabulary and content.

**CO 2:** Read with correct pronunciation, stress, intonation, pause and articulation of voice.

**CO 3:** Analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, and theme.

**CO 4:** Critically examine the value and standard of the poem.

**CO 5:** Acquire and improve their skills in the four literacy methods: writing, talking, reading and listening.

**CO 6:** Increase their awareness of the correct use in writing and speaking of English grammar.

Course	Details
Code	BCMKAL 131
Title	<b>Kannada Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Assignments, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

#### Expected Learning Outcomes:

Upon the completion of this course, the students will be able to:

**CO 1:** ಪಾಠಗಳು ಕೇವಲ ಕಚಿಂಚಿಚಿ ಮೂಲಕ ಓದುವ ಪಾಠಗಳಾಗಿದೆ. ಧ್ವನಿಯ ಮೂಲಕ ಕೇಳುವ ಆಲಿಸುವ ಪಾಠಗಳನ್ನು ಒಳಗೊಳ್ಳಬೇಕು ಎನ್ನುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಮೌಖಿಕ ಎನಿಸಿಕೊಂಡಿರುವ ಜನಪದ ಸಾಹಿತ್ಯ ಕಥನಾತ್ಮಕ ಪಠ್ಯ.

**CO 2:** ಸಾಹಿತ್ಯದ ಭಾಷಾರೂಪದ ವರ್ಗೀಕರಣದಲ್ಲಿ ನಡುಗನ್ನಡ ಹೊಸಗನ್ನಡ ಕಾವ್ಯ, ಆಧುನಿಕ ಎಂಬ ಕಾಲಘಟ್ಟದಲ್ಲಿ ನವೋದಯ, ಪ್ರಗತಿಶೀಲ, ನವ್ಯ ದಲಿತ, ಬಂಡಾಯ ಸ್ತ್ರೀವಾದಿ ಸಾಹಿತ್ಯ ಪಂಥದ ನೆಲೆಯಲ್ಲಿ ಮಧ್ಯಕಾಲೀನ ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳಾದ ವಚನ, ರಗಳೆ, ಕೀರ್ತನೆ, ಸಾಂಗತ್ಯ, ಷಟ್ಪದಿ.

**CO 3:** ಆಧುನಿಕತೆಗೆ ಬಂದಾಗ ಕವಿತೆ, ಕಾದಂಬರಿ, ಸಣ್ಣಕತೆ, ನಾಟಕ, ಪ್ರಬಂಧ, ವೈಜ್ಞಾನಿಕ ಲೇಖನ, ಭಾಷಾ ವೈವಿಧ್ಯತೆಯ ತಿಳುವಳಿಕೆಯನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಒದಗಿಸುವ ನೆಲೆಯಲ್ಲಿ

ಕನ್ನಡ ಒಳಧ್ವನಿಗಳ (ನುಡಿ) ಪದ್ಯಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ಪ್ರಥಮ ಚತುರ್ಮಾಸದಲ್ಲಿ ತುಳು ಕವಿತೆಗಳನ್ನು ಸೇರಿಸಲಾಗಿದೆ.

**CO 4:** ಕನ್ನಡ ಕಲಿಕೆ- ಬಳಕೆ, ವಿಕಿಪೀಡಿಯಾ ನಿರ್ಮಾಣ ಕಲಿಕೆಯಿಂದ ಸ್ವಯಂ ಅಧ್ಯಯನ ಸಾಧ್ಯತೆ, ಡಿಜಿಟಲ್ ಮಾಧ್ಯಮದ ಪರಿಚಯ. ವಾಣಿಜ್ಯ ಸಂಬಂಧಿ ಲೇಖನಗಳಿಂದ ಅಂತರ್ ಶಿಸ್ತೀಯ ಅಧ್ಯಯನ ಸ್ಪರ್ಧಾತ್ಮಕ ಪರೀಕ್ಷೆ ಮಾದರಿಗಳಿಂದ ವಿವಿಧ ಉದ್ಯೋಗಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕನ್ನಡ ಭಾಷೆಯ ಮೂಲಕ ಪ್ರವೇಶಿಸುವ ಬಗ್ಗೆ ಲೇಖನ.

Course	Details
Code	BCMHDL 131
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual classes and Debates.
Evaluation Method	Assignments, Viva-voce, MCQ Quiz, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To make students understand the moral values given in stories by detailed explanation and practicing official letters by specimen writing.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Acquire knowledge of various forms of literature. <b>CO 2:</b> Understand the need of moral values. <b>CO 3:</b> Inculcate the required Ethics. <b>CO 4:</b> Correspond and draft official letters in Hindi. <b>CO 5:</b> Gain insights on emerging trends in Hindi literature.	

Course	Details
Code	BCMSKL131
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group III: Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.</li> <li>To motivate students to spread the essence of Devabhasha Sanskrit.</li> <li>To make the students appreciate the immortal works of our ancient seers and poets.</li> <li>To make the students learn good moral values and become good citizens to promote a healthy society.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the fundamental concepts, principles and functions of Sanskrit language. <b>CO 2:</b> Understand the Vedic and Classical literature. <b>CO 3:</b> Understand the Grammar aspects. <b>CO 4:</b> Communicate in Sanskrit language. <b>CO 5:</b> Understand ancient Indian sciences like Yoga, Ayurveda, etc.	

Course	Details
Code	BCMCIF 131
Title	<b>Constitution of India</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / First
Type	Group-III: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	06
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To acquire a complete and detailed understanding on Constitution of India.</li> <li>To elicit the knowledge on Constitutional issues and concerns.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the principles and structure of the Indian Constitution. <b>CO 2:</b> Generate awareness on Fundamental Rights and Fundamental Duties. <b>CO 3:</b> Enrich the knowledge on Constitutional Functionaries of the state. <b>CO 4:</b> Understand the organization and Structure of Central and State Government. <b>CO 5:</b> Develop an insight on the Role of Judiciary in India.	

**SECOND SEMESTER:**

Course	Details
Code	BCMCMC 181
Title	<b>Quantitative Techniques-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group I : Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20                      End Semester Exam : 80                      Total : 100
Total Modules	5
Pedagogy	Chalk and talk, Lectures with interactive sessions, PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objective :</b> To develop a high level of expertise in the application of statistics to educational research.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1 :</b> Understand various correlation techniques required for data analysis. <b>CO 2 :</b> Apply and solve the regression equations. <b>CO 3 :</b> Determine and predict the trends under various methods. <b>CO 4 :</b> Understand the concept of permutation, combination and probability. <b>CO 5 :</b> Solve simultaneous equation under different methods.	

Course	Details
Code	BCMCE 182
Title	<b>Financial Accounting-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group I : Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA : 30                      End Semester Exam : 120                      Total : 150

Total Modules	06
Pedagogy	Lectures, chalk and talk, use of PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam

**Learning Objective :**

To enable the students to learn simple problems of financial accounting related to assets and liabilities and to prepare the financial statements.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Differentiate single entry system and double entry system.

**CO 2:** Practice the accounting treatment for consignment transactions and technique of computing value of closing stock lying with the consignor.

**CO 3:** Solve the problems on joint venture accounts.

**CO 4:** Calculate the fire insurance claims applying average clause.

**CO 5:** Calculate and record the value of repossessed goods under hire purchase system.



Course	Details
Code	BCMCMC 183
Title	<b>Human Resource Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam :120                      Total: 150
Total Modules	06
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Group Discussions, Brainstorming, Case Analysis, Debates, Seminars and Presentations
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>To familiarize the students with the concept of Human Resource Management.</li> <li>The subject enables them to understand the core areas of HRM viz., Human Resource Planning, Process and Sources of employee recruitment, Selection procedure, Wage and salary administration, Motivation and Leadership.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Define fundamental concepts, principles of human resource management. <b>CO 2:</b> Formulate realistic and practical applications of human resource planning. <b>CO 3:</b> Analyze the role of recruitment and selection in human resource management. <b>CO 4:</b> Evaluate different methods of training and development in organizations. <b>CO 5:</b> Understand motivation and leadership theories and its applicability in organizations.	

Course	Details
Code	BCMCMC 184
Title	<b>Money and Public Finance</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second Semester
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	05
Pedagogy	Lectures with interactive sessions, Seminars and Presentations, Chalk and talk method
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To enable the students to understand the basic concepts of money and functioning of the money market.</li> <li>To help the students to acquire knowledge about the functioning of the economic system and about economic fluctuations.</li> <li>To make the students to gain skill on working of the banking system and the monetary policy.</li> <li>To enable the students to understand the importance of International Finance.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept, functions and classification of money. <b>CO 2:</b> Gain knowledge on the meaning and theories Value of Money. <b>CO 3:</b> Understand the concept, phases, causes and measures to control business cycles. <b>CO 4:</b> Gather information about the various components of Public Finance <b>CO 5:</b> Understand the objectives of fiscal policy and deficit financing.	

Course	Details
Code	BCMCCE 185
Title	<b>Real Estate Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• This Course will give insights into Real Estate dealings.</li> <li>• It makes a career in Real Estate and also helps to become a well-rounded Real Estate Advisors.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO 1:</b> Understand to deal in Real estate. <b>CO 2:</b> Acquaint with various sources of finance. <b>CO 3:</b> Provide knowledge about Real Estate Regulation Act (RERA) <b>CO 4:</b> Make a career in Real Estate, opportunity to meet new people and build relationship. <b>CO 5:</b> Become a Real Estate Advisors.	

Course	Details
Code	BCMCCE 186
Title	<b>Agricultural Marketing</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming, Field Visits.
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam

### **Learning Objectives:**

This Course will build the capacity of the students on marketing concepts. It is expected that they understand basic knowledge on agricultural marketing and are motivated towards commercial agriculture farming practices.

### **Expected Learning Outcomes:**

Upon the completion of this course, the students will able to:

**CO 1:** Understand the fundamentals of management with reference to agribusiness.

**CO 2:** Acquaint with various functional areas of agribusiness.

**CO 3:** Acquire fair knowledge of regulated markets.

**CO 4:** Demonstrate fair knowledge of Co-operative societies.

**CO 5:** Focus on Agricultural Marketing as their career.

Course	Details
Code	BCMCCE 187
Title	<b>Retail Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming Sessions, Practical Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To understand various strategies to bring customers in the stores and to make buying as well as selling of products a seamless process.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, students will be able to <b>CO 1:</b> Understand the theoretical framework of retail management and to evaluate the retail strategies. <b>CO 2:</b> Acquaint themselves with various business skills to pursue their career in retail sector. <b>CO 3:</b> Analyze the contemporary challenges in retail industry. <b>CO 4:</b> Acquire skill sets relevant to a management role in the retail sector. <b>CO 5:</b> Develop an understanding of the contribution of retailers to the product value chain.	

Course	Details
Code	BCMCCE 188
Title	<b>Logistic Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming Sessions, Practical Presentations
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To enable students, understand the importance and dynamics of a firm's physical distribution functions and management of its supply chain.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO 1:</b> Understand the concept of logistics. <b>CO 2:</b> Acquaint the various components involved in logistic system. <b>CO 3:</b> Understand the concept of logistic management and its importance. <b>CO 4:</b> Understand the concept of logistic outsourcing and the parties involved in outsourcing.	

Course	Details
Code	BCMENL 181
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group II: Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	5 Lessons + 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• To enable the learner to communicate in real-life situations effectively and appropriately.</li> <li>• To use English effectively throughout the curriculum for study purposes.</li> <li>• To develop interest in and appreciation of Literature.</li> <li>• To develop and integrate the use of the four language skills i.e., Reading, Listening, Speaking and Writing.</li> </ul>	
<b>Expected Learning Outcomes:</b> <p><b>CO 1:</b> Learn reading with comprehension which help the learners to acquire new vocabulary and content.</p> <p><b>CO 2:</b> Read with correct pronunciation, stress, intonation, pause and articulation of voice.</p> <p><b>CO 3:</b> Analyze the various elements of poetry, such as diction, tone, form, genre, imagery, figures of speech, symbolism, and theme.</p> <p><b>CO 4:</b> Critically examine the value and standard of the poem.</p> <p><b>CO 5:</b> Acquire and improve their skills in the four literacy methods i.e., writing, talking, reading and listening.</p> <p><b>CO 6:</b> Increase their awareness of the correct use in writing and speaking of English grammar.</p>	

Course	Details
Code	BCMKAL 181
Title	<b>Kannada Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 hrs.
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	4 Units
Pedagogy	Lecture with Interactive Sessions, discussions, Debate, Enacting Drama
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Expected Learning Outcomes:**

**CO 1:** ಮೌಖಿಕ ಎನಿಸಿಕೊಂಡಿರುವ ಜನಪದ ಸಾಹಿತ್ಯವನ್ನು ಹಾಡಿನ ಮೂಲಕ ಪಠ್ಯ.

**CO 2:** ಸಾಹಿತ್ಯದ ಭಾಷಾರೂಪದ ವರ್ಗೀಕರಣದಲ್ಲಿ ನಡುಗನ್ನಡ ಹೊಸಗನ್ನಡ , ದಾಸಸಾಹಿತ್ಯದ ಮೂಲಕ ಕನ್ನಡ ಸಂಸ್ಕೃತಿ ದರ್ಶನ. ದಲಿತ ಸಾಹಿತ್ಯಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ಕವನಗಳೂ ಪ್ರಬಂಧಗಳು.

**CO 3:** ಹೊಸಗನ್ನಡ ಕಥನಗಳು ಮತ್ತು ಪ್ರಬಂಧಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುವುದರ ಮೂಲಕ ಸಮಾಜದ ಸಮಸ್ಯೆಗಳನ್ನು ಅರ್ಥೈಸುವುದು. ಅನುವಾದಿಕ ಕಥೆಗಳನ್ನು ಒದುವುದರಿಂದ ಕಥೆಯ ಮೂಲ ಸ್ವರೂಪವನ್ನು ತಿಳಿದುಕೊಳ್ಳುವ ಬಗೆ.

**CO 4:** ವ್ಯಕ್ತಿ ಚಿತ್ರಣಗಳನ್ನು ಓದುವುದರ ಮೂಲಕ ವ್ಯಕ್ತಿಯ ಬದುಕಿನಲ್ಲಿ ಅನುಭವಿಸಿದ ನೋವು, ಸಾಧನೆ.

**CO 5 :** ಕನ್ನಡ ಒಳನುಡಿಗಳ ಪಠ್ಯಗಳನ್ನು ತಿಳಿದುಕೊಳ್ಳುವ ಉದ್ದೇಶದಿಂದ ಕೊಡವ ಭಾಷೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಕವನ.

**CO 6:** ಕನ್ನಡದ ಒಳಕೆ ಭಾಗದಲ್ಲಿ ವಾಣಿಜ್ಯ ಸಂಬಂಧಿ ಲೇಖನ.

**CO 7:** ನಾಟಕದ ಮೂಲಕ ಭಾಷಾ ಸಂವಹನ ಪ್ರಯೋಗಿಕ ಒಳಗೊಳ್ಳುವಿಕೆಯ ಅಭ್ಯಾಸ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ನಾಟಕದಲ್ಲಿ ಆಸಕ್ತಿ ಉಂಟುಮಾಡುವ ಉದ್ದೇಶ.

**CO 8:** ಆಧುನಿಕ ಮೌಲ್ಯಗಳ ಚರ್ಚೆಯ ಮೂಲಕ ಸಾರ್ಥಕ ನಿರ್ವಹಣೆ.



Course	Details
Code	BCMHDL 181
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total :100
Total Modules	04
Pedagogy	Lectures with interactive discussions
Evaluation Method	Assignments, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To introduce the old and Modern poets and their views on spiritual and social values.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Acquire knowledge of ancient and modern poets and their views of life. <b>CO 2:</b> Understand the need of spiritual values. <b>CO 3:</b> Understand the fantasy in modern literature. <b>CO 4:</b> Carry out official communication in Hindi language. <b>CO 5:</b> Gain insights on the emerging trends in Hindi literature.	

Course	Details
Code	BCMSKL 181
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group III: Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To improve the knowledge of Sanskrit Literature and Culture amongst the students and enable them succeed in life.</li> <li>To motivate students to spread the essence of Devashish Sanskrit.</li> <li>To make the students appreciate the immortal works of our ancient seers and poets.</li> <li>To make the students learn good moral values and become good citizens to promote a healthy society.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the fundamental concepts, principles and functions of Sanskrit <b>CO 2:</b> Understand the Vedic and Classical literature. <b>CO 3:</b> Understand the Grammar aspects. <b>CO 4:</b> Communicate in Sanskrit language. <b>CO 5:</b> Understand ancient Indian sciences like Bhagavad Geeta, Poems etc.	

Course	Details
Code	BCM HGF 181
Title	<b>Human Rights</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	First / Second
Type	Group III: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	06
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To create awareness on human rights issues and concerns.</li> <li>To enhance citizenship sensitivity and initiatives.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Enrich the knowledge on Human Rights and Human Values. <b>CO 2:</b> Promote and protect Human Rights in India. <b>CO 3:</b> Demonstrate a good understanding of the provisions under the Constitution of India dealing with human rights. <b>CO 4:</b> Display a good understanding of the nature and scope of special legislations dealing with protection of human rights of marginalized and vulnerable sections. <b>CO 5:</b> Explore international concerns on Human Rights.	

### **THIRD SEMESTER**

<b>Course</b>	<b>Details</b>
Code	BCMCMC 231
Title	<b>Direct Tax-I</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 100                      End Semester exam:80                      Total: 20
Total Modules	05
Pedagogy	Lectures with Interactive Sessions, Group Discussions, PPT, Chalk and talk
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

#### **Learning Objectives:**

The objective of this paper is to familiarize the students with the Legal Provisions and Procedural aspects of Income Tax. Hence, this subject is to be taught with reference to the relevant amendments made to Direct Tax Laws of India by Finance Acts passed in the Parliament from time-to-time.

#### **Expected Learning Outcomes:**

Upon the completion of this course the students will be able to

**CO 1:** Acquaint knowledge on the concept of salary income and the deductions under section 16.

**CO 2:** Understand the legal provisions related to direct tax.

**CO 3:** Understand the deductions allowable to an individual assessed.

**CO 4:** Demonstrate the provisions relating to employee's provident fund.

**CO 5:** Enrich himself with the various amendments relating to direct tax laws from time to time.

Course	Details
Code	BCMCMC 232
Title	<b>Financial Accounting-III</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk, Use of PPT Presentations
Evaluation Method	Assignment, Quizzes, Two Internal Assessment Exam, Viva-Voce, One End Semester Exam
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>To provide understanding of financial reporting of the partners.</li> <li>To provide Knowledge on concepts and standards underlying the accounting procedures used to measure business performance of partnership firm.</li> </ul>	
<b>Expected learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the need for revaluation of assets and liabilities in a partnership. <b>CO 2:</b> Draft financial accounts for partnership firms in different situations of admission, retirement, death and insolvency of the partners. <b>CO 3:</b> Analyze the treatment of Goodwill and its adjustments in the books of a partnership business in different circumstances. <b>CO 4:</b> Determine the amount of capital needed when there is a change in partnership. <b>CO 5:</b> Evaluate the accounting information for business decision as a basic language of business.	

Course	Details
Code	BCMCMC 233
Title	<b>Modern Bank Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third Semester
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	05
Pedagogy	Lectures with interactive sessions, Seminars and Presentations, Chalk and Talk
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To enable the students to understand the basic concepts of Banking and Investment policy.</li> <li>To help the students to acquire knowledge about the functioning of Digital Banking, instruments traded in banking system.</li> <li>To make the students understand the operations and functions of Reserve Bank of India (RBI).</li> <li>To enable the students to understand the use of Mobile <input type="checkbox"/> banking.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept, origin and evolution of Banking. <b>CO 2:</b> Examine the significance of Investment policy and delivery channels. <b>CO 3:</b> Appropriately use Cheques, Demand Drafts and other instruments. <b>CO 4:</b> Identify the various components of Digital Banking System. <b>CO 5:</b> Gain insights and select banking sector as job profile.	

Course	Details
Code	BCMCMC 234
Title	<b>Cost and Management Accounting-I</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk, Lectures, Use of PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives:**

- To make the students understand the basic concepts of element of cost.
- To enhance their knowledge on the elements of cost where cost control and cost reduction techniques are used.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Understand the concept of cost, methods and techniques of cost accounting.

**CO 2:** Understand the concept of cost unit, center as well as classification of costs.

**CO 3:** Prepare Cost Sheet by identifying various expenses and elements of cost.

**CO 4:** Compute various stock levels and record pricing of material issues using FIFO and Weighted Average methods.

**CO 5:** Compute wage payments under its different methods.

Course	Details
Code	BCMCCE 235
Title	<b>Computerized Accounting</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	05
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> The course aims to provide the student with opportunities to acquire and apply the knowledge of business concepts and office skills to meet the demands of today's business environment.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concepts and practices of computerized accounting. <b>CO 2:</b> Build on and apply previously acquired accounting and computer skills. <b>CO 3:</b> Review basic spreadsheet concepts. <b>CO 4:</b> Set-up databases and activates the General Ledger. <b>CO 5:</b> Create finance and accounting related spreadsheets and charts by enhancing previously accounting and computer skills	



Course	Details
Code	BCMCCE 236
Title	<b>Tax Procedure and Tax Planning</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group II: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, Use of PPT Presentations, Group Discussions, Seminars, chalk and talk
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objective:</b> The objective of this paper is to familiarize the students with the practical aspects of Income Tax to enhance skills. Hence, this subject is to be taught with reference to the relevant amendments made to Income Tax Laws of India by Finance Acts passed in the Parliament from time-to-time.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the assessment procedure for individuals and filing of income tax procedures. <b>CO 2:</b> Apply the knowledge in obtaining PAN. <b>CO 3:</b> Understand the role of information technology in tax administration. <b>CO 4:</b> Pursue their career in tax planning and tax management.	

Course	Details
Code	BCMCCE 237
Title	<b>Personal Investment Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fourth
Type	Group II: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To enable the students to acquire basic knowledge and skills in managing personal investment and to understand the basics of investment in financial and capital market	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO 1:</b> Understand the concept of investment and its nature. <b>CO 2:</b> Explore the possible investment avenues. <b>CO 3:</b> Examine the risk involved in stock market investment. <b>CO 4:</b> Enhance the knowledge of investing in mutual fund and SIP. <b>CO 5:</b> Take decisions on personal investment.	

Course	Details
Code	BCMCCE 238
Title	<b>Life Skills</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group II: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>Learning Objectives:</b> To enable the practicality of life skills and equips people with social and interpersonal skills that enable them to cope with the demands of everyday life.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO1:</b> Build self-confidence, encourage critical thinking and help people to communicate more effectively. <b>CO 2:</b> Develop as a wholesome person with a blend of creative ideas and critical thinking. <b>CO 3:</b> Face challenges put forward by the society. <b>CO 4:</b> Decide their career and become an achiever in life. <b>CO 5:</b> Develop interpersonal skills.	

Course	Details
Code	BCMENL 231
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group II: Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                                      End Semester Exam: 80                                      Total: 100
Total Modules	4 One Act Plays
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam

#### **Learning Objectives:**

- To enable the learner to communicate in real-life situations effectively and appropriately.
- To use English effectively throughout the curriculum for study purposes.
- To develop interest in and appreciation of Literature.
- To develop and integrate the use of the four language skills i.e., Reading, Listening, Speaking and Writing.

#### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Identify the story, characters, plot.

**CO 2:** Identify the author's / characters' viewpoint, attitude or opinion.

**CO 3:** Enhance oral and written communication skills like accuracy and fluency of expression.

**CO 4:** Master the mechanics of writing; the use of correct punctuation marks and capital letters.

**CO 5:** Practice writing through assignments that ask them to plan, draft, revise and edit essays over time.

**CO 6:** Gain insights on persuasive techniques used in advertising and apply the same to analyze advertising in a variety of sources viz., print, television, and Web-based advertisement.

Course	Details
Code	BCMKAL 231
Title	<b>Kannada Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Expected Learning Outcomes:**

- CO 1:** ಪ್ರತಿಯೊಂದು ಪಾಠವು ಹಿಂದಿನ ಪಾಠದ ಮುಂದುವರಿಕೆಯಾಗಿ ಬರುವಂತೆ ಪಾಠಗಳು ಜೋಡಿಸಲಾಗಿದೆ.
- CO 2:** ಕನ್ನಡ ಪದಗಳ ನಿಷ್ಪತ್ತಿ, ವ್ಯುತ್ಪತ್ತಿ ಅರ್ಥಗಳನ್ನು ಒಳಗೊಂಡ ಪದ್ಯ, ಸಂಶೋಧನೆ, ವಿಮರ್ಶೆ, ಸೃಜನಶೀಲ ಸಾಹಿತ್ಯ, ಮಾನವಿಕ, ವಾಣಿಜ್ಯ, ವಿಜ್ಞಾನ ಸಂಬಂಧಿ ಕೃತಿಗಳು.
- CO 3:** ಹಳಗನ್ನಡ , ಹೊಸಗನ್ನಡ, ಕನ್ನಡ ಒಳಭಾಷೆಯ ಕವನ (ಕೊಂಕಣಿ) ಅರೆ ಭಾಷೆ ಕವಿತೆಯ ಮೂಲಕ ಕನ್ನಡ ದರ್ಶನ
- CO 4:**ಪರಿಸರ ಪರ ಕಾಳಜಿಯ ಕಾದಂಬರಿಯ ಓದುವಿಕೆ.
- CO 5:**ಸ್ಥಳೀಯ ಸಂಸ್ಕೃತಿಯ ಅಧ್ಯಯನ.
- CO 6:**ದೀರ್ಘ ಪಠ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿಷಯವನ್ನು ಗ್ರಹಿಸುವುದು.
- CO 7:** ಆತ್ಮಕಥೆ ಓದುವುದರಿಂದ ವ್ಯಕ್ತಿಯು ಬದುಕಿನ ಘಟನೆಯ ಸತ್ಯಾಸತ್ಯತೆಯನ್ನು ತಿಳಿಯುವ ಉದ್ದೇಶ.

Course	Details
Code	BCMHDL 231
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total :100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual classes and Debates
Evaluation Method	Viva-voce, Assignments, MCQ Quizzes, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives:</b> To make students understand the moral values given in Drama prescribed and practicing official letters by specimen writing.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Acquire the knowledge of composing Drama <b>CO 2:</b> Understand the need for inculcating moral values in social life. <b>CO 3:</b> Inculcate the required Ethics. <b>CO 4:</b> Draft official letters in Hindi language. <b>CO 5:</b> Gain insights on the emerging trends in Hindi literature.	

Course	Details
Code	BCMSKL 231
Title	<b>Sanskrit Language</b>
Program	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.</li> <li>To motivate students to spread the essence of Devashish Sanskrit.</li> <li>To make the students appreciate the immortal works of our ancient seers and poets.</li> <li>To make the students learn good moral values and become good citizens to promote a healthy society.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand fundamental concepts, principles and functions of Sanskrit language. <b>CO 2:</b> Understand the Literature i.e., Plays <b>CO 3:</b> Understand the Grammar aspects i.e., Ahankara and Chanda's. <b>CO 4:</b> Communicate in Sanskrit language. <b>CO 5:</b> Understand ancient Indian sciences like Yoga, Bhagavad-Gita, and Poems etc.	

Course	Details
Code	BCMGEF 231
Title	<b>Gender Equity</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group-III: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	06
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

### **Learning Objectives:**

To enable the students to:

- Understand the basic concepts of Gender Equity.
- Generate awareness on gender discrimination and violence.
- Contribution towards women empowerment.

### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Enrich their knowledge on basic concept of Gender Equity.

**CO 2:** Generate awareness on Gender Discrimination and Gender violence.

**CO 3:** Acquire knowledge on Constitutional Rights and protective Legislations for women.

**CO 4:** Gain knowledge on measures adopted / implemented for gender empowerment.



**FOURTH SEMESTER:**

Course	Details
Code	BCMCMC 281
Title	<b>Direct Tax-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group I: Core Course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 100                      End Semester Exam: 80                      Total: 100
Total Modules	05
Pedagogy	Lectures with Interactive Sessions, Group Discussions, Use of PPT Presentations, chalk and talk
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> The objective of this paper is to familiarize the students with the Legal Provisions and Procedural aspects of Income Tax. Hence, this subject is to be taught with reference to the relevant amendments made to Direct Tax Laws of India by Finance Acts passed in the Parliament from time to time	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to <b>CO 1:</b> File his returns independently and can pursue his career as a tax consultant. <b>CO 2:</b> Understand the concept of five heads of income and the knowledge obtained in filing of the income tax returns. <b>CO 3:</b> Understand the legal provisions related to computation of depreciation. <b>CO 4:</b> Gain an insight into computing Business income and calculate the tax liability of his business. <b>CO 5:</b> Understand the procedure relating to Capital gains and income from other sources.	

Course	Details
Code	BCMCMC 232
Title	<b>Financial Accounting-III</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Third
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	IA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk, Use of PPT Presentations,
Evaluation Method	Assignment, Quizzes, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>To provide an understanding of financial reporting of the partners.</li> <li>To provide knowledge on concepts and standards underlying the accounting procedures used to measure business performance of partnership firm.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the need for revaluation of assets and liabilities in a partnership. <b>CO 2:</b> Draft financial accounts for partnership firms in different situations of admission, retirement, death and insolvency of the partners. <b>CO 3:</b> Analyze the treatment of Goodwill and its adjustments in the books of a partnership business in different circumstances. <b>CO 4:</b> Determine the amount of capital needed when there is a change in partnership. <b>CO 5:</b> Evaluate the accounting information for business decision as a basic language of business.	

Course	Details
Code	BCMCMC 283
Title	<b>International Trade and Finance</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth Semester
Type	Group I: Core course
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Seminars and Presentations, Chalk and talk
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• To have consistent and complete knowledge of International Capital movement and MNCs.</li> <li>• To analyze the concept of foreign exchange rate.</li> <li>• To familiarize the students the basic concept of Foreign Exchange market.</li> <li>• To study the concept of foreign exchange Department of a Bank.</li> <li>• To apply economic reasoning to Exchange Arithmetic and Inter Bank deals.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept of International Capital between countries. <b>CO 2:</b> Explain the functioning of Foreign Exchange rate. <b>CO 3:</b> Describe the functions of Foreign Exchange market. <b>CO 4:</b> Trace the origin and explain the functions of foreign exchange department of a bank. <b>CO 5:</b> Understand Exchange Arithmetic and Interbank deals. <b>CO 6:</b> Develop interest towards pursuing higher studies in foreign trade	

Course	Details
Code	BCMCMC 284
Title	<b>Cost and Management Accounting-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk, Lectures, Use of PPT Presentations
Evaluation Method	Assignment, Student Presentations, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To throw light on the relevance of indirect cost.</li> <li>To make the students to understand how cost accounts reconcile itself with financial accounts.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept of overheads and steps for its distribution. <b>CO 2:</b> Distribute overheads under different methods of secondary distribution. <b>CO 3:</b> Solve problems under the different methods of absorption of overheads. <b>CO 4:</b> Acquire knowledge on integrating financial and cost accounting. <b>CO 5:</b> Reconcile financial and cost accounting.	

Course	Details
Code	BCMCCE 285
Title	<b>Basic Accounting</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Chalk and Talk method, Lectures, Use of PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives</b> To introduce the students to the fundamentals of accounting, its process; Preparation of Trial and Final Accounts of Sole trader.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the fundamentals of accounting. <b>CO 2:</b> Gain knowledge of accounting process. <b>CO 3:</b> Draft three column cash book. <b>CO 4:</b> Prepare Trial Balance and Final Accounts of a sole trader. <b>CO 5:</b> Take financial decisions and manage all the activities of the concern.	

Course	Details
Code	BCMCCE 286
Title	<b>Personal Taxation</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fourth
Type	Elective
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming
Evaluation Method	Viva-voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To familiarize the students with the Legal Provisions and Practical aspects of Income Tax.</li> <li>To teach the subject with reference to the relevant amendments made to Income Tax Laws of India by Finance Act passed in the Parliament from time to time.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO 1:</b> Define the concept of income. <b>CO 2:</b> Understand the legal provisions related to direct tax <b>CO 3:</b> Understand the deductions allowable to an individual assessed. <b>CO 4:</b> Gain knowledge on various heads of income, compute taxable income and tax liability, <b>CO 5:</b> Understand the various amendments relating to direct tax laws.	

Course	Details
Code	BCMCCE 287
Title	<b>Personal Investment Management</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fourth
Type	Group II: Elective Foundation Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	4
Pedagogy	Lectures, PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To enable the students to acquire basic knowledge and skills in managing personal investment and to understand the basics of investment in financial and capital market.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will able to: <b>CO 1:</b> Understand the concept of savings and investment. <b>CO 2:</b> Explore the possible investment avenues. <b>CO 3:</b> Gain insights on investment in stock market securities and its regulating body. <b>CO 4:</b> Gain knowledge on investment in mutual funds. <b>CO 5:</b> Plan for personal investments.	

Course	Details
Code	BCMCCE 288
Title	<b>Banking Practices</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group II: Elective Course
Total Credits	01
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 10                      End Semester Exam: 40                      Total: 50
Total Modules	04
Pedagogy	Lectures, Use of PPT Presentations, Group Discussions, Case Analysis, Debates, Seminars, Brain Storming, Bank Visits.
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To introduce the students to basics of Banking, its delivery channels, interbank payment systems and banking operations.	
<b>Expected Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the basics of banking and gain knowledge on opening a bank account. <b>CO 2:</b> Get acquainted with the procedure for applying loans. <b>CO 3:</b> Enhance their knowledge on Digital Banking <b>CO 4:</b> Gain insights on Inter Bank Payment Systems and Negotiable Instruments. <b>CO 5:</b> Acquire practical Banking Skills.	



Course	Details
Code	BCMENL 281
Title	<b>Compulsory Foundation Course in English</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group-III: Compulsory Foundation Course – Language-I
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	1 Novel
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

#### **Learning Objectives:**

- To enable the learner to communicate in real-life situations effectively and appropriately.
- To use English effectively throughout the curriculum for study purposes.
- To develop interest in and appreciation of Literature.
- To develop and integrate the use of the four language skills i.e., reading, listening, speaking and writing.

#### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Identify the story, characters, plot.

**CO 2:** Identify the author's / characters' viewpoint, attitude or opinion.

**CO 3:** Enhance oral and written communication skills like accuracy and fluency of expression.

**CO 4:** Master the mechanics of writing; the use of correct punctuation marks and capital letters.

**CO 5:** Practice writing through assignments that ask them to plan, draft, revise and edit essays over time.

**CO 6:** Gain insights on persuasive techniques used in advertising and apply the same to analyze advertising in a variety of sources viz., print, television, and Web-based advertisement.

Course	Details
Code	BCMKAL 281
Title	<b>Kannada Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04 Units
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam

#### Expected Learning Outcomes:

Upon the completion of this course, the students will be able to:

**CO 1:** ಹಳೆಗನ್ನಡ ಕಚಿರಿಚಿ, ಹೊಸಗನ್ನಡ ಕಾವ್ಯದ ಅಧ್ಯಯನದ ಮೂಲಕ ಭಾವನೆಗಳ ಸೂಕ್ಷ್ಮತೆ, ಬದುಕಿನ ಸೂಕ್ಷ್ಮತೆ.

**CO 2:**ಹೊಸಗನ್ನಡ ಗದ್ಯವನ್ನು ಓದುವುದರಿಂದ ವೈಚಾರಿಕ ಚಿಂತನೆಗಳು.

**CO 3:**ವಾಣಿಜ್ಯ ಸಂಬಂಧಿ ಮತ್ತು ವಿಜ್ಞಾನ ಸಂಬಂಧಿ ಲೇಖನಗಳಿಂದ ಅಂತರ್ ಶಿಸ್ತೀಯ ಅಧ್ಯಯನದೊಂದಿಗೆ ವಿದ್ಯಾಭ್ಯಾಸ ಸಾಹಿತ್ಯವನ್ನು ಓದುವಿಕೆ. ಕನ್ನಡದಲ್ಲಿ ವಿಜ್ಞಾನದ ಲೇಖನಗಳನ್ನು ಓದುವುದರಿಂದ ವೈಜ್ಞಾನಿಕತೆಯ ವಿಸ್ತಾರ, ಆಳ, ಅಗಲ ತಿಳಿದುಕೊಳ್ಳುವುದು.

**CO 4:**ಪುರಾಣ ಕೃತಿಗಳನ್ನು ಓದುವುದರಿಂದ ಕೃತಿಗಳ ಸೃಷ್ಟಿ ಆ ಕಾಲದ ಸಮಾಜದಲ್ಲಿ ಜನರಿಗೆ ಇದ್ದ ನಂಬಿಕೆಗಳು (ಮಹಾಕಾವ್ಯ).

**CO 5:**ಕನ್ನಡ ಒಳಭಾಷೆಯ ಕವನ (ಬ್ಯಾರಿ ಭಾಷೆ) ಓದುವುದರೊಂದಿಗೆ ಅನ್ಯಭಾಷೆಯಲ್ಲಿ ಪ್ರಾದೇಶಿಕ ಭಾಷೆ ಜ್ಞಾನವನ್ನು ಪಡೆಯಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ

Course	Details
Code	BCMHDL 281
Title	<b>Hindi Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive discussions, Audio Visual Classes, Role plays
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To explain the novel prescribed with enactment of characters in the play.</li> <li>To practice to write Bio-Data in Hindi.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Acquire knowledge of reality in present social life. <b>CO 2:</b> Understand the need of spiritual values. <b>CO 3:</b> Understand the fantasy in modern literature. <b>CO 4:</b> Understand official language in Hindi. <b>CO 5:</b> Gain insights on the emerging trends in Hindi literature.	

Course	Details
Code	BCMSKL 281
Title	<b>Sanskrit Language</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III: Compulsory Foundation Course – Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To improve the knowledge of Sanskrit literature and culture amongst the students and enable them succeed in life.</li> <li>To motivate students to spread the essence of Devashish Sanskrit.</li> <li>To make the students appreciate the immortal works of our ancient seers and poets.</li> <li>To make the students learn good moral values and become good citizens to promote a healthy society.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand fundamental concepts, principles and functions of Language. <b>CO 2:</b> Understand the Literature i.e., Vanity Makita. <b>CO 3:</b> Understand the Grammar aspects i.e., Naya's and Letter. <b>CO 4:</b> Communicate in Sanskrit language. <b>CO 5:</b> Understand ancient Indian sciences like Yoga, Bhagavad Geeta and Mahabharata, Ramayana, etc.	

Course	Details
Code	BCMESF 281
Title	<b>Environmental Studies</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Second / Fourth
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA: 20                      End Semester Exam: 80                      Total: 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Role Plays, Quiz, Group Discussions, Debates, Seminars and Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• This course introduces students to environment concerns.</li> <li>• Students are expected to learn about environment, factors affecting it, environmental pollution and its management, environmental ethics and its protection.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Enrich the knowledge on environment, environmental pollution, legislative measures, etc. <b>CO 2:</b> Demonstrate an integrative approach to environmental issues with a focus on sustainability. <b>CO 3:</b> Apply their knowledge in conservation and management of Natural Resources. <b>CO 4:</b> Realize individual responsibility towards environmental protection. <b>CO 5:</b> Develop ethical values and concern towards environment.	

**FIFTH SEMESTER:**

Course	Details		
Code	BCMCMC 331		
Title	Direct Tax-III		
Programme	Bachelor of Commerce (B.Com.)		
Year / Semester	Third / Fifth		
Type	Group I: Core Course		
Total Credits	03		
Total Contact Hours	60		
Contact Hours per Week	05		
Examination Duration	03 Hours		
Max. Marks	CIA: 30	End Semester Exam: 120	Total: 150
Total Modules	06		
Pedagogy	Chalk and talk method, Lectures, Group Discussions		
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam		
<b>Learning Objectives:</b> To enable the students to understand and compute the total income and tax liability of individual Assesses, co-operatives, thereby achieve expertise in tax compliance procedures; thus, become responsible citizens by resorting to ethical taxation practices			
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Define the procedures of direct tax assessment. <b>CO 2:</b> Analyze and apply Minimum Alternate Tax (MAT) provisions. <b>CO 3:</b> Compute total income and define tax structure compliances. <b>CO 4:</b> Able to understand amendments made from time to time in Finance Act. <b>CO 5:</b> File IT return on individual basis.			

Course	Details
Code	BCMCMC 332
Title	<b>Corporate Accounting-I</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fifth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk method, Lectures, Group Discussions
Evaluation Method	Assignment, Viva voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To enable the students to understand the concept of International Financial Reporting Standards (IFRS), procedure for underwriting, redemption of Preference shares and debentures, preparation of consolidated balance sheet in Holding Company accounts and preparation of Final Accounts of Banking Companies with relevant schedules.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the concept of IFRS and its applicability. <b>CO 2:</b> Understand the procedure for underwriting, calculation of commission and liability of an underwriter. <b>CO 3:</b> Acquire knowledge of the concept and purpose of Redemption of Preference shares and Debentures. <b>CO 5:</b> Draft the Final accounts of holding company and prepare consolidated Balance Sheet. <b>CO 6:</b> Draft the Final accounts of Banking Companies with relevant schedules.	

Course	Details
Code	BCMCMC 333
Title	<b>Financial Management-I</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fifth
Type	Group 1: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and talk method, Lectures, Seminars, Group Discussions, PPT Presentations
Evaluation Method	Assignment, Viva voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To introduce the students about the basic concepts of financial management, contemporary theories and policies.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Apply and integrate the financial management objectives in financial planning. <b>CO 2:</b> Determine the profitability of an organization with formation of right capital structure. <b>CO 3:</b> Manage the risk involved investment instruments. <b>CO 4:</b> Identify legal compliances that impact issue of equity shares. <b>CO 5:</b> Gain insights into the working of stock market. <b>CO 6:</b> Make financial decision with help of time value concepts.	



Course	Details
Code	BCMCMC334
Title	<b>Cost and Management Accounting-III</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fifth
Type	Group 1: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lectures, Chalk and Talk, Student Seminars
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

### **Learning Objectives:**

To enable the students to understand the different methods of costing viz., Job Costing, Batch Costing, Contract Costing, Process Costing, Operating Costing, Joint Products and By- Products and accounting procedures involved in these methods.

### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Comprehend the concept and compute the problems on Job and Batch Costing.

**CO 2:** Understand the concept of Contract costing and solve

**CO 3:** Apply the concept of process costing in product industry.

**CO 4:** Use various accounting procedures for Joint products.

**CO 5:** Use various accounting procedure for By-products.

**CO 6:** Apply the costing methods as applicable for service industries.

Course	Details
Code	BCMCMC 335
Title	<b>Business Law</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fifth
Type	Group 1: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lecture with interactive sessions, Case Laws, Group Discussions, Seminars
Evaluation Method	Assignment, Viva-voce Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To acquaint the students with the various Provisions of Indian Contract Act of 1956, Intellectual Property Rights and Right to information Act and its applicability in the business.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Demonstrate an understanding of the Law relating to contract. <b>CO 2:</b> Develop acceptable attitudes and viewpoints with respect to legal environment of business. <b>CO 3:</b> Gain the insight on provisions of contract of indemnity and guarantee. <b>CO 4:</b> Understand the key characteristics of Business law in resolving business related disputes. <b>CO 5:</b> Understand the contemporary issues in business law with regard to Right to information Act and Intellectual Property Law.	

Course	Details
Code	BCMCMC 336
Title	<b>Modern Marketing</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Fifth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Brainstorming, Case Study, Debates, Students' Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• To introduce basic concepts of marketing.</li> <li>• To understand the role of marketing in business and society.</li> <li>• To identify career opportunities in marketing.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand core concepts of marketing. <b>CO 2:</b> Understand the current role of marketing in business and society. <b>CO 3:</b> comprehend the marketing issues in a growing business context through real marketing case studies and anecdotes. <b>CO 4:</b> Develop the cognitive and analytical ability with application of marketing knowledge required for career prospects in marketing. <b>CO 5:</b> Gain insights on the new horizons and recent trends in marketing.	

**SIXTH SEMESTER:**

Course	Details
Code	BCMCMC 381
Title	<b>GST and Customs Duty</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group 1: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Talk and chalk, Lectures, Student Seminars, Group Discussions.
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To define and make the students understand the concept of GST from basic to advance and Customs Duty.</li> <li>To make them understand how GST was implemented in India and its background and to be aware of different Slab rates of GST with examples.</li> </ul>	
<b>Expected Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Build an idea on GST and Customs duty. <b>CO 2:</b> Analyze and evaluate the effect of indirect tax on consumers, producers and the Government. <b>CO 3:</b> Compute the assessable value of transactions related to goods and services for levy and determination of duty liability. <b>CO 4:</b> Identify and analyze the procedural aspects under different applicable statutes related to GST and Customs Duty <b>CO 5:</b> Examine the method of tax credit, Inflows and outflows., tax imposition, tax exemption, etc.,	

Course	Details
Code	BCMCMC 382
Title	<b>Corporate Accounting-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	3 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk method, Lectures, Student Seminars
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam

### **Learning Objectives:**

To enable the students to understand the concept of External Reconstruction, Amalgamation, Absorption, Ratio Analysis, Liquidation, valuation of shares, goodwill and final accounts of Banking Companies as per Companies Act 2013.

### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Understand accounting procedures of external reconstruction, amalgamation and absorption of companies.

**CO 2:** Understand the concept of liquidation of companies and prepare Liquidators final statement of Accounts.

**CO 3:** Guide the potential investors in valuation of shares.

**CO 4:** Apply the concepts of valuation of Goodwill in firms and Companies.

**CO 5:** Draft the vertical format of preparing Profit and Loss Account and Balance Sheet of Joint Stock Company as stated in Companies Act 2013.

**CO 6:** Make a comparative analysis of company's profitability, liquidity and operational efficiency through ratio analysis.

Course	Details
Code	BCMCMC 383
Title	<b>Financial Management-II</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lectures, Student Seminars, Group Discussions, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To equip the students with advance knowledge of financial management that can be applied in practice with making financial decisions and resolving financial problems.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Apply and integrate the financial management concepts in treasury management. <b>CO 2:</b> Evaluate investments in working capital and long-term assets. <b>CO 3:</b> Determine profitability of concern using cost of capital. <b>CO 4:</b> Make dividend calculations using dividend models. <b>CO 5:</b> Acquire knowledge on the working of Mutual Funds in India. <b>CO 6:</b> Draft and interpret financial statements.	

Course	Details
Code	BCMCMC 384
Title	<b>Cost and Management Accounting-IV</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Chalk and Talk, Lectures, Student Seminars, Group Discussions
Evaluation Method	Assignment, Viva-voce Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To acquaint students with fundamentals of Management Accounting</li> <li>To impart knowledge on the short term and long-term decision-making techniques and methods.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Identify the sources and application of cash by preparing Cash Flow Statements. <b>CO 2:</b> Understand the concept of Marginal Costing and solve problems on Break Even Analysis, PV Ratio and Margin of Safety. <b>CO 3:</b> Apply the concept of Marginal Costing for Planning and decision making <b>CO 4:</b> Gain insights on the concept of budgetary control, solve problems on types of budgets, procedure involved in its preparation. <b>CO 5:</b> Compare and contrast the concept of standard costing and budgetary control. <b>CO 6:</b> Compute material and labor cost variances using the concept of Variance Analysis.	

Course	Details
Code	BCMCMC 385
Title	<b>Indian Corporate Law</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120                      Total: 150
Total Modules	06
Pedagogy	Lecture with interactive sessions, Student Seminars, Case Laws, Group Discussions,
Evaluation Method	Assignment, Viva-voce Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To enable the students to understand required standards of good behavior and business honesty in company promotion and management.</li> </ul> <p>To acquaint the students with the rights of the shareholders and their interest in the company.</p>	
<b>Expected Learning Outcomes:</b> <p>Upon the completion of this course, the students will be able to:</p> <p><b>CO 1:</b> Demonstrate the in-depth understanding of the companies Act, 2013 along with all its amendments</p> <p><b>CO 2:</b> Acquire the knowledge on legal rules for issue and allotment; buy back, transfer and transmission of shares.</p> <p><b>CO 3:</b> Gain insights on modes of acquiring membership and its termination, the rights and liabilities of a member.</p> <p><b>CO 4:</b> Understand the legal formalities involved in the incorporation of the joint stock company.</p> <p><b>CO 5:</b> Understand the qualification, disqualification, appointment and removal of a director and Company Secretary</p> <p><b>CO 6:</b> Obtain knowledge on legal provisions regarding annual general meeting, extra-ordinary general meeting, board meetings of a company.</p>	



Course	Details
Code	BCMCMC 386
Title	<b>Auditing</b>
Programme	Bachelor of Commerce (B.Com.)
Year / Semester	Third / Sixth
Type	Group I: Core Course
Total Credits	03
Total Contact Hours	05
Contact Hours per Week	60
Examination Duration	03 Hours
Max. Marks	CIA: 30                      End Semester Exam: 120 Total: 150
Total Modules	06
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations and videos, Group discussion, Case laws, Debates, Students' Presentations
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>To familiarize the students with the basics of Auditing.</li> <li>To create awareness of principles and procedures of Auditing.</li> <li>To create interest among the students to take up professional courses.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Understand the conceptual background, need, functions, types and process of auditing required for ensuring regulatory and normative environment in which auditor operates. <b>CO 2:</b> Identify and understand the auditor's duties, responsibilities, liabilities and apply appropriate audit procedures to test the audit assertions and objectives. <b>CO 3:</b> Imbibe the audit culture, critical thinking and instill analytical skills leading to the enhancement of employability in the auditing domain. <b>CO 4:</b> Understand the implementation of internal check, internal control, vouching and verification as part of audit procedures. <b>CO 5:</b> Get acquainted with audit of computerized accounts.	

Course	Details
Code	BCMCI131

Title	<b>Constitution of India.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First / First
Type	Group III –Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	06
Pedagogy	Debate, Group Discussions, viva-voce.
Evaluation Method	2 Internal Examinations/ viva-voce/Assignment, One end semester examination

**Learning Objectives:**

- Acquire a complete and detailed understanding on Constitution of India.
- Elicit the knowledge on Constitutional issues.

**Expected Learning Outcomes:**

Upon the completion of this course the students will be able to:

**CO 1:** Understand the structure and principles of the constitution.

**CO 2:** Generate awareness on Fundamental Rights and Fundamental Duties.

**CO 3:** Enrich the Knowledge on Constitutional functionaries of the state.

**CO 4:** Understand the Organization and structure of Central/State government.

**CO 5:** Develop insight on the Role of Judiciary in India.

<b>Course</b>	<b>Details</b>
Code	BCMHRF181
Title	<b>Human Rights</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First/ Second
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	05
Pedagogy	Lectures with Interactive Sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / Assignment/ Viva-voce, one end semester examination

**Learning Objectives:**

- Acquire awareness on Human Rights Issues and Concerns.
- Enhance citizenship sensitivity and Initiatives.

**Expected Learning Outcomes:**

Upon the completion of this course the students will be able to:

**CO 1:** Enrich their knowledge on Human Rights and Human Values.

**CO 2:** Understand the concept of Human Rights.

**CO 3:** Promote and protect Human Rights in India.

**CO 4:** Focus on issues and concerns in Human Rights.

**CO 5:** Equip themselves with international concerns on Human Rights.

<b>Course</b>	<b>Details</b>
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Code	BCMGEF231
Title	<b>Gender Equity.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Third
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	04
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions, Viva-voce, Assignment, PPT.
Evaluation Method	2 Internal Assessment Examinations and VIVA-VOCE/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Understand the Basic concepts of Gender Equity.</li> <li>• Generate awareness on Gender Discrimination and Violence.</li> <li>• Contribution towards women Empowerment.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to <b>CO 1:</b> Enrich their knowledge on basic Concept of Gender Equity. <b>CO 2:</b> Generate awareness on Gender Discrimination and Gender violence. <b>CO 3:</b> Acquire knowledge on Constitutional Rights and protective Legislations for women. <b>CO 4:</b> Gain knowledge on Measures adopted / Implemented for Gender Empowerment.	

<b>Course</b>	<b>Details</b>
Code	BCMESF281
Title	<b>Environmental Studies</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Fourth
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	04
Pedagogy	Lectures with Interactive sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / viva-voce/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Understand the Environmental studies.</li> <li>• Gain awareness on Environmental pollution.</li> <li>• Apply their knowledge in conservation and management of Natural Resources.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to <b>CO 1:</b> Enrich their knowledge on Environment. <b>CO 2:</b> Generate Awareness on Environment pollutions. <b>CO 3:</b> Provide knowledge on Resource conservation. <b>CO 4:</b> Provide knowledge on legislative measures for Environment pollution.	





## **B.A. (BACHELOR OF ARTS)**

**(HEP/HET/PHS/HEJ/HEG/**

**KET/EnET/HnET/**

**KEG/EnEG/HnEG**

**KEJ/EnEJ/HnEJ**

**KHS/EnHS/HnHS/**

**KEP/EnEP/HnEP)**

**[POs, PSOs, COs]**

**CBCS (CHOICE BASED CREDIT SYSTEM)**

**( From 2019-20 Batch onwards)**

**Programme Outcomes (POs):** Students of B.A. Degree Programme at the time of graduation will be able to:

**LANGUAGES:**

<b>PO 1</b>	<b>Ability and sensitivity to communicate with people of diverse culture.</b>
<b>PO 2</b>	<b>Basic understanding of the structure of the languages</b>
<b>PO 3</b>	<b>Study of philosophy and logic</b>
<b>PO 4</b>	<b>Comparative study of languages.</b>
<b>PO 5</b>	<b>To make the aspirants think critically and act creatively</b>
<b>PO 6</b>	<b>To enhance employability of the students by developing their linguistic competence and communicative skills</b>

**SOCIAL SCIENCES:**

<b>PO 1</b>	<b>Focus on academic professional and personal development through our courses.</b>
<b>PO 2</b>	<b>Subjective study of humans, our history, culture and societies.</b>
<b>PO 3</b>	<b>It facilitate deeper intellectual, intercultural understanding and lay the ground work for civically engaged life.</b>
<b>PO 4</b>	<b>It explores the basic nature and purpose of human existence.</b>
<b>PO 5</b>	<b>Create awareness and responsibility towards society and his environment.</b>
<b>PO 6</b>	<b>Procure analytical abilities and foster a basic comprehension of social, political financial furthermore, social cycles, to introduce logics and thoughts successfully on request to associate between the neighborhood, territorial and worldwide.</b>

**Programme Specific Outcomes (PSOs) HEP:**

<b>PSO 1</b>	<b>To look into the present and past historical claims and provide insight into the global challenges of today's world.</b>
<b>PSO 2</b>	<b>To understand the importance of making choice between desirable alternatives and determine the relationship between the government and the individual.</b>
<b>PSO 3</b>	<b>To understand the role of economic agent in the decision making and working of public finance system.</b>
<b>PSO 4</b>	<b>Acquire a systematic knowledge of different areas of study in history, economics and political science and the linkages between them.</b>

**Programme Specific Outcomes (PSOs) BA HET:**

<b>PSO 1</b>	<b>To Enable students to gain knowledge about the Dynamics of development.</b>
<b>PSO 2</b>	<b>To trace the origin of the modern concept of tourism and highlight the positive impacts of tourism and attracting investment and improve the standard of living.</b>
<b>PSO 3</b>	<b>To comprehend and critically appraise the different cultural heritages of the world.</b>
<b>PSO 4</b>	<b>The combination of History, Economics, Tourism will provide an insight into historical events/places, which equips students to understand the business</b>

**Programme Specific Outcomes (PSOs) BA PHS:**

<b>PSO 1</b>	<b>To acquaint the students to the field of social welfare in the light of current socio-political conditions.</b>
<b>PSO 2</b>	<b>To bring out the relevance of sociology as an important discipline in today's multicultural social conditions.</b>
<b>PSO 3</b>	<b>To enable students to know the dynamics of development through historical analysis.</b>
<b>PSO 4</b>	<b>Understand the need and role of historical study and sources of historical data.</b>

**Programme Specific Outcomes (PSOs) BA HEJ:**

<b>PSO 1</b>	<b>Ethically gather, understand, evaluate and synthesize information from a variety of written and electronic sources.</b>
<b>PSO 2</b>	<b>To enable them with necessary skills for the performance of their future roles.</b>
<b>PSO 3</b>	<b>The study equips the students with the basic journalistic skills in different mass media.</b>

**Programme Specific Outcomes (PSOs) BA HEG:**

<b>PSO 1</b>	<b>Explains the factors that changes population and economic activity and patterns of regional and local specializations.</b>
<b>PSO 2</b>	<b>It helps to understand how people earn their livelihood system which vary area by area as economic activities are interrelated.</b>
<b>PSO 3</b>	<b>Acquire a systematic knowledge of different areas of study in history, economics and geography and the linkages between them.</b>

**Programme Specific Outcomes (PSOs) BA KET:**

<b>PSO 1</b>	<b>Languages and culture are interrelated and it creates multi lingual skills and intercultural competencies.</b>
<b>PSO 2</b>	<b>Humanities graduates qualifies in creative and critical thinking in respect of specific languages.</b>
<b>PSO 3</b>	<b>Comprehend the job of financial matters in public turn of events and variables influencing it.</b>

**Programme Specific Outcomes (PSOs) BA EnET:**

<b>PSO 1</b>	<b>Be familiar with the important literary works and authors of various regions.</b>
<b>PSO 2</b>	<b>The student will enhance the ability to analyze economic behavior in practice.</b>
<b>PSO 3</b>	<b>The course provides a sound understanding of the tourism industry and its role in the world.</b>

**Programme Specific Outcomes (PSOs) BA HnET:**

<b>PSO 1</b>	<b>It equips students to think creatively, critically, with an analytical mind and to find solutions to various economic problems.</b>
<b>PSO 2</b>	<b>The study of Literature will enhance their communication skills, ability to instruct and convey information accurately in a variety of formats.</b>
<b>PSO 3</b>	<b>It explores how tourism businesses operate, tourist behaviour and the impact of tourism.</b>

**Programme Specific Outcomes (PSOs) BA KEG:**

<b>PSO 1</b>	<b>Understand the role of different factors driving major literary movements and their impact.</b>
<b>PSO 2</b>	<b>Students will develop the ability to apply theoretical knowledge of Micro and Macro Economics to explain the behavior of individuals, businesses and industries in market based systems and analyze the challenges of developing economies.</b>
<b>PSO 3</b>	<b>Have a thorough knowledge of the various facets of human and physical geography and factors affecting it.</b>

**Programme Specific Outcomes (PSOs) BA EnEG:**

<b>PSO 1</b>	<b>Students will be able to effectively communicate economic ideas to solve the various economic problems.</b>
<b>PSO 2</b>	<b>Know about different language skills that enable to practically use English and appreciate literary texts</b>
<b>PSO 3</b>	<b>Know different map skills that enable to practically understand geographical information.</b>

**Programme Specific Outcomes (PSOs) BA HnEG:**

<b>PSO 1</b>	<b>To impart knowledge regarding the formulation and implementation of economic policies.</b>
<b>PSO 2</b>	<b>Create awareness about national integration, social, commitment in student.</b>
<b>PSO 3</b>	<b>Develop skills needed to analyse and interpret satellite data and gps/gis data.</b>

**Programme Specific Outcomes (PSOs) BA KEJ:**

<b>PSO 1</b>	<b>Journalism and Communicative Kannada delves deep into the social sciences, offering students different perspectives.</b>
<b>PSO 2</b>	<b>Students will be able to effectively communicate economic ideas to solve the various economic problems.</b>
<b>PSO 3</b>	<b>Demonstrate generic competencies such as communicating technical concepts in popular language, skilled use of ICT and ability to work both individually and in groups.</b>

**Programme Specific Outcomes (PSOs) BA EnEJ:**

<b>PSO 1</b>	<b>To give information to the people they need to make better decisions about their lives and society in respect to language and literature</b>
<b>PSO 2</b>	<b>The students get a wide range perspective on significant social, monetary and social changes in the contemporary world.</b>



<b>PSO 3</b>	<b>Journalism, Economics and Optional English will provide an inter-disciplinary perspective to the students, generating tremendous scope for employability.</b>
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**Programme Specific Outcomes (PSOs) BA HnEJ:**

<b>PSO 1</b>	<b>Use of Hindi with journalism skills for employment generation.</b>
<b>PSO 2</b>	<b>Journalism need certain kinds of verbal and visual tools crafting society.</b>
<b>PSO 3</b>	<b>This combination will provide meaningful interface between economic decision- making and journalism skills with a keen understanding of current global trends.</b>

**Programme Specific Outcomes (PSOs) BA KHS:**

<b>PSO 1</b>	<b>It highlights the relation between society and languages</b>
<b>PSO 2</b>	<b>It is closely related to field of sociolinguistics which focuses on the effect of society on language</b>
<b>PSO 3</b>	<b>Acquire a wide knowledge of linguistics and literature of Kannada language and understand the role of language and its literature in the development of modern Karnataka.</b>

**Programme Specific Outcomes (PSOs) BA EnHS:**

<b>PSO 1</b>	<b>It highlights the relation between society and languages</b>
<b>PSO 2</b>	<b>It is closely related to field of sociolinguistics which focuses on the effect of society on language</b>
<b>PSO 3</b>	<b>Acquire knowledge of various terms, concepts, events, movements, problems, personalities and principles related to the study of history.</b>

**Programme Specific Outcomes (PSOs) BA HnHS:**

<b>PSO 1</b>	<b>It highlights the relation between society and languages</b>
<b>PSO 2</b>	<b>It is closely related to field of sociolinguistics which focuses on the effect of society on language</b>
<b>PSO 3</b>	<b>Understand the need and role of historical study and sources of historical data.</b>

**Programme Specific Outcomes (PSOs) BA EnEP:**

<b>PSO 1</b>	<b>Acquire a systematic knowledge of different areas of study in English, Economics and political science.</b>
<b>PSO 2</b>	<b>It prepares students for civil service examinations and working in the public sector.</b>
<b>PSO 3</b>	<b>Discuss the use of the concepts of micro-economics in human life.</b>

**Programme Specific Outcomes (PSOs) BA KEP:**

<b>PSO 1</b>	<b>Acquire a systematic knowledge of different areas of study in history, political science and Kannada.</b>
<b>PSO 2</b>	<b>Develop skills necessary to separate information from various sources and understand their relevance.</b>
<b>PSO 3</b>	<b>Develop a clear thought of the public political framework and the elements influencing it.</b>

**Programme Specific Outcomes (PSOs) BA HnEP:**

<b>PSO 1</b>	<b>Motivate student for writing, learning and translation.</b>
<b>PSO 2</b>	<b>Understand the role of economics in national development and factors affecting it.</b>
<b>PSO 3</b>	<b>Develop a clear idea of the national political system and the factors affecting it.</b>

## COURSE OUTCOMES (COs)

Course	Details
Code	BASENL131
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / First
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Exam Duration	03 Hours
Max. Marks	CIA : 20   End Semester Exam : 80   Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To enable the learner to communicate in real-life situations effectively and appropriately. To use English effectively throughout the curriculum for study purposes. To develop interest in and appreciation of Literature. To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.	

**Expected Learning Outcomes :**

**CO 1:**To enable students to read, comprehend and write short and long type answers the prescribed Prose texts

**CO 2:**To enable students to read, comprehend and write short and long type answers and annotations on the prescribed poems

**CO 3:** To encourage students to improve their vocabulary by exposing them to the usage of synonyms, antonyms, homonyms, homophones, word forms and one word substitutes

**CO 4:**To strengthen students' proficiency in the usage of articles, prepositions, question tags and 'Wh' questions'

Course	Details
Code	BASENL181
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / Second
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Exam Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	class presentation, Assignment, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives :**

To enable the learner to communicate in real-life situations effectively and appropriately.

To use English effectively throughout the curriculum for study purposes.

To develop interest in and appreciation of Literature.

To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.

**Expected Learning Outcomes :**

**CO 1:** Students are expected to be able to read, comprehend and write short and long type answers set on the prescribed texts

**CO 2** Students are expected to be able to read, comprehend and write short and long type answers and annotations on the prescribed poems

**CO 3** Students are expected to become proficient in the usage of synonyms, antonyms, homonyms, homophones, word forms and one word substitutes and enhance their vocabulary

**CO 4** Students are expected to become adept at using the proper tenses, identifying different sentence types and using capital letters and punctuation in the correct manner

Course	Details
Code	BASENL231
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Third
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Exam Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,
Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam

**Learning Objectives :**

To enable the learner to communicate in real-life situations effectively and appropriately.

To use English effectively throughout the curriculum for study purposes.

To develop interest in and appreciation of Literature.

To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.

**Expected Learning Outcomes :**

**CO1:** Students are expected to be able to read, comprehend and write short and long type answers on the prescribed One Act Plays

**CO2:** Students are expected to be familiar with history, culture and life through a study of the prescribed One Act Plays

**CO3:** Students are expected to be familiar with the structure and techniques used in theatre and drama with specific reference to One Act Plays

**CO4:** Students are expected to become proficient in writing cogent descriptive, reflective and argumentative essays

**CO5:** Students are expected to be able to create dialogues, write good letters of application and prepare their C Vs

Course	Details
Code	BASENL281
Title	<b>Compulsory Foundation Course In English</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second/ Fourth
Type	Compulsory Foundation Course
Total Credits	02
Total Contact Hours	48
Contact Hours/Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20      End Semester Exam : 80      Total : 100
Total Modules	5 Lessons+ 5 Poems + 4 Grammar Items
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations,

Evaluation Method	Viva-Voce, Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To enable the learner to communicate in real-life situations effectively and appropriately. To use English effectively throughout the curriculum for study purposes. To develop interest in and appreciation of Literature. To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and writing.	
<b>Expected Learning Outcomes :</b> <b>CO1:</b> Students are expected to be able to read, comprehend and write short and long type answers on the prescribed novel in translation <b>CO2:</b> Students are expected to have a fair perception of the culture, traditions and belief systems of the people/society described in the novel and interpret it to their own times <b>CO3:</b> Students are expected to understand the socio-political and cultural ramifications of huge developmental projects on the local people and become sensitive to their plight <b>CO4:</b> Students are expected to be able to construct novel and creative advertisements for commercial products <b>CO5:</b> Students are expected to become proficient in the use of bibliographical procedure for single author books and be able to write and interpret notices	

Course	Details
Code	BASKAL 131
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / First
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಜನಪದ, ನಡುಗನ್ನಡ, ದಲಿತ, ವಚನ, ಪ್ರಬಂಧ, ಆಧುನಿಕ ಕವನ, ಲಿಂಗತ್ವ ಅಲ್ಪಸಂಖ್ಯಾತರ ಬವಣೆ, ಕೃಷಿ ಕ್ಷೇತ್ರ, ಭಾಷೆ ಮತ್ತು ಅರ್ಥ, ಲೇಖನ ಚಿಹ್ನೆ-ಇವುಗಳಿಗೆ ಸಂಬಂಧಿಸಿದ ಪಠ್ಯಗಳ ಮೂಲಕ ಅರಿವನ್ನು ಹೆಚ್ಚಿಸುವುದು.	
<b>Expected Learning Outcomes :</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <p><b>CO 1 :</b>ಪಾಠಗಳು ಕೇವಲ ಅಕ್ಷರದ ಮೂಲಕ ಓದುವಪಾಠಗಳಾಗಿವೆ. ಧ್ವನಿಯ ಮೂಲಕ ಕೇಳುವ/ಅಲಿಸುವಪಾಠಗಳನ್ನು ಒಳಗೊಳ್ಳಬೇಕು ಎನ್ನುವ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಮೌಖಿಕ ಎನಿಸಿಕೊಂಡಿರುವ ಜನಪದ ಸಾಹಿತ್ಯ ಕಥನಾತ್ಮಕಪಠ್ಯಗಳನ್ನು ನೀಡಲಾಗಿದೆ.</p> <p><b>CO 2:</b>ಸಾಹಿತ್ಯದ ಭಾಷಾ ರೂಪದ ವರ್ಗೀಕರಣದಲ್ಲಿ ನಡುಗನ್ನಡ, ಹೊಸಗನ್ನಡ ಕಾವ್ಯ, ಆಧುನಿಕ ಎಂಬ ಕಾಲಘಟ್ಟದಲ್ಲಿ ನವೋದಯ, ಪ್ರಗತಿಶೀಲ, ನವ್ಯ, ದಲಿತ, ಬಂಡಾಯ, ಸ್ತ್ರೀವಾದಿ ಸಾಹಿತ್ಯಪಂಥದ ನೆಲೆಯಲ್ಲಿ ಮಧ್ಯಕಾಲೀನ ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳಾದ ವಚನ, ರಗಳೆ, ಕೀರ್ತನೆ, ಸಾಂಗತ್ಯ, ಷಟ್ಪದಿ ರೂಪಗಳನ್ನು ಅಧ್ಯಯನಕ್ಕಾಗಿ ಪಠ್ಯದಲ್ಲಿ ನೀಡಲಾಗಿದೆ.</p> <p><b>CO 3:</b>ಆಧುನಿಕತೆಗೆಬಂದಾಗ ಕವಿತೆ, ಕಾದಂಬರಿ, ಸಣ್ಣಕತೆ, ನಾಟಕ, ಪ್ರಬಂಧ, ವೈಜ್ಞಾನಿಕಲೇಖನ, ಭಾಷಾವೈವಿಧ್ಯತೆಯ ತಿಳುವಳಿಕೆಯನ್ನುವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಒದಗಿಸುವ 'ನೆಲೆಯಲ್ಲಿ ಕನ್ನಡ ಒಳದ್ವನಿಗಳ (ನುಡಿ)ಪದ್ಯಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ತುಳು ಕವಿತೆಗಳನ್ನು ಸೇರಿಸಲಾಗಿದೆ.</p>	



**CO 4:**ಕನ್ನಡ ಕಲಿಕೆ-ಬಳಕೆ, ವಿಕಿಪೀಡಿಯಾ ನಿರ್ಮಾಣ ಕಲಿಕೆಯಿಂದ ಸ್ವಯಂ ಅಧ್ಯಯನ ಸಾಧ್ಯತೆ, ಡಿಜಿಟಲ್ ಮಾಧ್ಯಮದ ಪರಿಚಯ. ವಾಣಿಜ್ಯಸಂಬಂಧಿಲೇಖನಗಳಿಂದ ಅಂತರ್‌ಶಾಸ್ತ್ರೀಯ ಅಧ್ಯಯನ 'ಸ್ಪರ್ಧಾತ್ಮಕಪರೀಕ್ಷಾ ಮಾದರಿಗಳಿಂದ ವಿವಿಧ ಉದ್ಯೋಗಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕನ್ನಡ ಭಾಷೆಯ ಮೂಲಕ ಪ್ರವೇಶಿಸುವ ಬಗ್ಗೆ ಲೇಖನಗಳನ್ನು ನೀಡಲಾಗಿದೆ.

Course	Details
Code	BASKAL 181
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / Second
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate, Enacting Drama
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semister Exam
<b>Learning Objectives:</b> ಸಾಂಗತ್ಯ, ಆಧುನಿಕ ಕವಿತೆ, ಕೀರ್ತನೆ, ಪ್ರಬಂಧ, ಪರಿಸರ ಸ್ನೇಹಿ ಲೇಖನ, ಬಂಡಾಯ ಕವನ, ಕೊಡವ ಭಾಷಾ ಕವನ, ಆರ್ಥಿಕ ಸಮಸ್ಯೆ, ಸಾಮಾಜಿಕ ಸಮಸ್ಯೆಯ ಕುರಿತ ಲೇಖನ-ಇವುಗಳ ಮೂಲಕ ಜ್ಞಾನ ವಿಸ್ತರಣೆ.	

**Expected Learning Outcomes:****ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:****CO 1:** ಮೌಖಿಕ ಎನಿಸಿಕೊಂಡಿರುವ ಜನಪದ ಸಾಹಿತ್ಯವನ್ನು ಹಾಡಿನ ಮೂಲಕ ನಿರೂಪಿಸುವ ಪಠ್ಯ.**CO 2:** ಸಾಹಿತ್ಯದ ಭಾಷಾರೂಪದ ವರ್ಗೀಕರಣದಲ್ಲಿ ನಡುಗನ್ನಡ, ಹೊಸಗನ್ನಡ, ದಾಸಸಾಹಿತ್ಯದಮೂಲಕ ಕನ್ನಡಸಂಸ್ಕೃತಿ ದರ್ಶನ. ದಲಿತ ಸಾಹಿತ್ಯಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ಕವನಗಳು, ಪ್ರಬಂಧಗಳು.**CO 3:** ಹೊಸಗನ್ನಡ ಕಥನಗಳು ಮತ್ತು ಪ್ರಬಂಧಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುವುದರ ಮೂಲಕ ಸಮಾಜದ ಸಮಸ್ಯೆಗಳನ್ನು ಅರ್ಥೈಸುವುದು. ಅನುವಾದಿತ ಕಥೆಗಳನ್ನು ಓದುವುದರಿಂದ ಕಥೆಯ ಮೂಲ ಸ್ವರೂಪವನ್ನು ತಿಳಿದುಕೊಳ್ಳುವ ಬಗೆ.**CO 4:** ವ್ಯಕ್ತಿ ಚಿತ್ರಣಗಳನ್ನು ಓದುವುದರ ಮೂಲಕ ವ್ಯಕ್ತಿಯ ಬದುಕಿನಲ್ಲಿ ಅನುಭವಿಸಿದನೋವು, ಸಾಧನೆ.**CO 5:** ಕನ್ನಡ ಒಳನುಡಿಗಳ ಪಠ್ಯಗಳನ್ನು ತಿಳಿದುಕೊಳ್ಳುವ ಉದ್ದೇಶದಿಂದ ಕೊಡವ ಭಾಷೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಕವನ.**CO 6:** ಕನ್ನಡದಬಳಕೆಭಾಗದಲ್ಲಿವಾಣಿಜ್ಯಸಂಬಂಧಿಲೇಖನ.**CO 7:** ನಾಟಕದ ಮೂಲಕ ಭಾಷಾಸಂವಹನ ಪ್ರಯೋಗಿಕ ಒಳಗೊಳ್ಳುವಿಕೆಯ ಅಭ್ಯಾಸ. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆನಾಟಕದಲ್ಲಿ ಆಸಕ್ತಿ ಉಂಟುಮಾಡುವ ಉದ್ದೇಶ.**CO 8:** ಆಧುನಿಕಮೌಲ್ಯಗಳ ಚರ್ಚೆಯ ಮೂಲಕ ಸಾರ್ಥಕ ನಿರ್ವಹಣೆ.

Course	Details
Code	BASKAL 231
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Third
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100

Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Expected Learning Outcomes :</b> <p>ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:</p> <p><b>CO 1:</b>ಪ್ರತಿಯೊಂದು ಪಾಠವು ಹಿಂದಿನ ಪಾಠದ ಮುಂದುವರಿಕೆಯಾಗಿ ಬರುವಂತೆ ಪಾಠಗಳನ್ನು ಜೋಡಿಸಲಾಗಿದೆ.</p> <p><b>CO 2:</b> ಕನ್ನಡ ಪದಗಳ ನಿಷ್ಪತ್ತಿ, ವ್ಯುತ್ಪತ್ತಿ ಅರ್ಥಗಳನ್ನು ಒಳಗೊಂಡಪಠ್ಯ.</p> <p><b>CO 3:</b>ಸಂಶೋಧನೆ, ವಿಮರ್ಶೆ, ಸೃಜನಶೀಲಸಾಹಿತ್ಯ, ಮೌಖಿಕ, ವಾಣಿಜ್ಯ, ವಿಜ್ಞಾನಸಂಬಂಧಿ ಕೃತಿಗಳು, ಸಂಬಂಧ ಕುರಿತ ಕೃತಿಗಳು.</p> <p><b>CO 4:</b>ಹಳೆಗನ್ನಡ, ಹೊಸಗನ್ನಡ, ಕನ್ನಡ ಒಳಭಾಷೆಯ ಕೊಂಕಣಿ, ಅರೆಭಾಷೆ, ಕವಿತೆಯ ಮೂಲಕ ಕನ್ನಡ ಸಂಸ್ಕೃತಿಯ ದರ್ಶನ.</p> <p><b>CO 5:</b>ಪರಿಸರದ ಕಾಳಜಿಯ ಕಾದಂಬರಿಯ ಓದುವಿಕೆ.</p> <p><b>CO 6:</b>ಸ್ಥಳೀಯಸಂಸ್ಕೃತಿಯ ಅಧ್ಯಯನ.</p> <p><b>CO 7:</b>ದೀರ್ಘಪಠ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿಷಯವನ್ನು ಗ್ರಹಿಸುವುದು.</p> <p><b>CO 8:</b>ಆತ್ಮಕತೆ ಓದುವುದರಿಂದ ವ್ಯಕ್ತಿಯ ಬದುಕಿನ ಘಟನೆಯ ಸತ್ಯಾಸತ್ಯತೆಯನ್ನು ತಿಳಿಯುವ ಉದ್ದೇಶ.</p>	

Course	Details
Code	BASKAL 281
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Fourth
Type	Group III Compulsory Foundation Language – 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours

Max. Marks	CIA : 20 End Semester Exam : 80 Total : 100
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semister Exam

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1:** ಹಳೆಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕಾವ್ಯದ ಅಧ್ಯಯನದ ಮೂಲಕ ಭಾವನೆಗಳ ಸೂಕ್ಷ್ಮತೆ, ಬದುಕಿನ ಸೂಕ್ಷ್ಮತೆಗಳ ಚಿಂತನೆ.

**CO 2:** ಹೊಸಗನ್ನಡ ಕಾವ್ಯ, ಹೊಸಗನ್ನಡ ಕಾವ್ಯದ ಅಧ್ಯಯನದ ಮೂಲಕ ಭಾವನೆಗಳ ಸೂಕ್ಷ್ಮತೆ, ಬದುಕಿನ ಸೂಕ್ಷ್ಮತೆಗಳ ಚಿಂತನೆ.

**CO 3:** ಹೊಸಗನ್ನಡ ಗದ್ಯವನ್ನು ಓದುವುದರಿಂದ ವೈಚಾರಿಕ ಚಿಂತನೆ.

**CO 4:** ವಾಣಿಜ್ಯಸಂಬಂಧಿ ಮತ್ತು ವಿಜ್ಞಾನಸಂಬಂಧಿ ಲೇಖನಗಳಿಂದ ಅಂತರಾಷ್ಟ್ರೀಯ ಅಧ್ಯಯನದೊಂದಿಗೆ ವಿದ್ಯಾರ್ಥಿಯು ಸಾಹಿತ್ಯವನ್ನು ಓದುವುದು.

**CO 5:** ಕನ್ನಡದಲ್ಲಿ ವಿಜ್ಞಾನಲೇಖನಗಳನ್ನು ಓದುವುದರಿಂದ ವೈಜ್ಞಾನಿಕತೆಯ ವಿಸ್ತಾರ, ಆಳ, ಅಗಲ ತಿಳಿದುಕೊಳ್ಳುವ ಸಾಧ್ಯತೆ. ಪುರಾಣ ಕೃತಿಗಳನ್ನು ಓದುವುದರಿಂದ ಕೃತಿಗಳ ಸೃಷ್ಟಿ ಆ ಕಾಲಕ್ಕೆ ಸಮಾಜದಲ್ಲಿ ಜನರಿಗೆ ಇದ್ದ ನಂಬಿಕೆಗಳ ಪರಿಚಯವಾಗುತ್ತದೆ (ಮಹಾಕಾವ್ಯಗಳಿಂದ).

**CO 6:** ಕನ್ನಡ ಒಳ ಭಾಷೆಯ ಕವನ (ಬ್ಯಾರಿಭಾಷೆ) ಓದುವುದರೊಂದಿಗೆ ಅನ್ಯಭಾಷೆಯಲ್ಲಿ ಪ್ರಾದೇಶಿಕ ಭಾಷೆಯ ಸೇರುವಿಕೆ.

## HINDI

Course	Details
Code	BASHDL 131
Title	<b>Hindi Language</b>
Programme	Bachelor of Arts (BA)
Year/Semester	First/First
Type	Group III: Compulsory Foundation Course– Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03Hours
Max. Marks	CIA:20                      End Semester Exam:80                      Total:100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual Classes and Debates.
Evaluation Method	Assignments, Viva-voce, MCQ Quiz, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To make students understand the moral values given in stories by detailed explanation and practicing official letters by specimen writing.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO1:</b> Under stand the basic forms of story. <b>CO 2-</b> To able to understand the introductory concepts of Hindi Grammar. <b>CO 3-</b> Develop interest in literature. <b>CO 4-</b> Learn values of stories through literary works.	

Course	Details
Code	BASHDL 181
Title	<b>Hindi Language</b>
Programme	Bachelor of Arts(BA)
Year/Semester	First/Second
Type	Group III: Compulsory Foundation Course–Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03Hours
Max. Marks	CIA:20                      End Semester Exam:80                      Total:100

Total Modules	04
Pedagogy	Lectures with interactive discussions
Evaluation Method	Assignments, Viva-voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b> To introduce the old and Modern poets and their views on spiritual and social values.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1-</b> To Develop Reading, writing and communication skills. <b>CO 2-</b> To get information about well known writer in Hindi. <b>CO 3-</b> Practical Grammar, (Essay writing correction of spelling & sentences and paragraph writing) for improve the language.	

Course	Details		
Code	BASHDL 231		
Title	<b>Hindi Language</b>		
Programme	Bachelor of Arts(BA)		
Year/Semester	Second /Third		
Type	Group III: Compulsory Foundation Course– Language-II		
Total Credits	02		
Total Contact Hours	48		
Contact Hours per Week	04		
Examination Duration	03Hours		
Max. Marks	CIA:20	End SemesterExam:80	Total:100
Total Modules	04		
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual Classes and Debates.		
Evaluation Method	Viva-voce, Assignments, MCQ Quizzes, Two Internal Exams, One end Term Semester Exam		
<b>Learning Objectives:</b> To make students understand the moral values given in Drama prescribed and practicing official letters by specimen writing.			
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO1</b> -To introduce Medieval & Modern Hindi poetry. <b>CO 2</b> -To introduce the greatest Novelist of Hindi – Kamaleshwar through his novel – Dak Bangala. <b>CO 3</b> -To explain the difference between various letters. <b>CO 4</b> -To develop the translation skill – Kannada, Hindi and English and Visa versa.			

<b>Course</b>	<b>Details</b>
Code	BASHDL 281
Title	<b>Hindi Language</b>
Programme	Bachelor of Arts (BA)
Year/Semester	Second/Fourth
Type	Group III: Compulsory Foundation Course–Language-II
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03Hours
Max. Marks	CIA:20                      End SemesterExam:80                      Total :100
Total Modules	04
Pedagogy	Lectures with interactive classes, Role plays from drama, Audio visual Classes and Debates.
Evaluation Method	Assignment, Viva-Voce, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives:</b>	
<ul style="list-style-type: none"> <li>● To explain the novel prescribed with enactment of characters in the play.</li> <li>● To practice to write Bio-Data in Hindi.</li> </ul>	
<b>Expected Learning Outcomes:</b>	
Upon the completion of this course, the students will be able to:	
<b>CO1-</b> To introduce the Poetry and Drama.	
<b>CO 2-</b> Explain about functional Hindi.	
<b>CO 3-</b> To introduce the official language and state language.	
<b>CO 4-</b> To introduce the Hindi Idioms and Phrases (Lokokti and Muhuvare)	

**SANSKRITH****I SEMESTER****COURSE OUTCOMES (COS)**

<b>Course</b>	<b>Details</b>
Code	BASSKC131
Title	<b>Sanskrit</b>
Program	Bachelor of Arts (BA)
Year / Semester	First/First
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> <ul style="list-style-type: none"><li>· To improve the knowledge of Sanskrit Literature and Culture</li><li>· of Sanskrit amongst the students and make them succeed in life.</li></ul> To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required. <ul style="list-style-type: none"><li>· To make the students appreciate the immortal works of our Ancient seers and poets.</li><li>· To make the students Learn good Moral values and become good citizens and promote a healthy society.</li></ul>	
<b>Expected Learning Outcomes :</b> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1 :</b>Students get acquainted with forms of literature.</p> <p><b>CO 2:</b> They show interest in literary works.</p>	



**II SEMESTER**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	BASSKL181
Title	<b>Sanskrit</b>
Program	Bachelor of Arts (BA)
Year / Semester	First/ Second
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> <ul style="list-style-type: none"> <li>· To improve the knowledge of Sanskrit Literature and Culture of Sanskrit amongst the students and make them succeed in life.</li> <li>· To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required. <ul style="list-style-type: none"> <li>· To make the students appreciate the immortal works of our Ancient seers and poets.</li> <li>· To make the students Learn good Moral values and become good citizens and promote a healthy society.</li> </ul> </li> </ul>	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <ul style="list-style-type: none"> <li><b>CO 1 :</b>By studying grammar, they can independently read and comprehend literature.</li> <li><b>CO 2 :</b>Stories help them to face any situation in life.</li> </ul>	

**III SEMESTER**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	BASSKL231
Title	<b>Sanskrit</b>
Program	Bachelor of Arts (BA)
Year / Semester	Second / Third
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To improve the knowledge of Sanskrit Literature and Culture of Sanskrit amongst the students and make them succeed in life. To motivate students to spread the essence of Devabhasha Sanskrit, by giving them resources required. · To make the students appreciate the immortal works of our Ancient seers and poets. · To make the students Learn good Moral values and become good citizens and promote a healthy society.	

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :**Students would able to understand the importance of Sanskrit drama.

**IV SEMESTER****COURSE OUTCOMES (COS)**

<b>Course</b>	<b>Details</b>
Code	BASSKL281
Title	<b>Sanskrit</b>
Program	Bachelor of Arts (BA)
Year / Semester	Second / Fourth
Type	Group III : Foundation Course – Language 2
Total Credits	02
Total Contact Hours	48
Contact Hours per Week	04
Examination Duration	03 Hours
Max. Marks	CIA : 20 End Semester Exam :80 Total : 100
Total Modules	04
Pedagogy	Lectures with interactive sessions, Group Discussions, Debates and Presentations
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam
<b>Learning Objectives :</b> To improve the knowledge of Sanskrit literature and culture of Sanskrit amongst the students and enable them succeed in life. · To motivate students to spread the essence of Devabhasha Sanskrit.	

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1 :** They can handle the situation in difficulty by using the ancient techniques.

**CO 2 :** Students are introduced to vast forms of Sanskrit Literature.

**Kannada (Optional)****I SEMESTER****COURSE OUTCOMES (COS)**

Course	Details
Code	BASKAC131
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / First
Type	Group I Core course
Total Credits	03
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಕನ್ನಡದ ಕಾವ್ಯ ಹಾಗೂ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಕುರಿತು ಒಟ್ಟು ಆರು ಘಟಕಗಳನ್ನು ಮಾಡಿ ನಾಡು, ನುಡಿ, ಪ್ರಕೃತಿ, ಕಾಲ ಪರಿಕಲ್ಪನೆಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕಾವ್ಯಪಠ್ಯಗಳನ್ನು ರೂಪಿಸಲಾಗಿದೆ. ಇವುಗಳ ಜೊತೆಗೆ ಗದ್ಯದಲ್ಲಿ, ಆಯ್ದ ಮಹಿಳಾ ಆತ್ಮಕತೆಯ ಒಂದು ಭಾಗ ಹಾಗೂ ಹೊಸಗನ್ನಡದ ಸಾಹಿತ್ಯ ಪಂಥಗಳ ಚರಿತ್ರೆಯನ್ನು ಪಠ್ಯವಾಗಿ ನೀಡಲಾಗಿದೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :**ಕನ್ನಡ ನಾಡಿನ ಕುರಿತು ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕವಿಗಳು ಇರಿಸಿಕೊಂಡಿದ್ದ ಅಭಿಮಾನ, ಗೌರವಗಳನ್ನು ಸಾಕ್ಷೀಕರಿಸುವ ಕಾವ್ಯಗಳಿಂದ ಸಾಹಿತ್ಯ ಇತಿಹಾಸದ ಪರಿಚಯವಾಗುತ್ತದೆ ಮತ್ತು ಪ್ರಾಚೀನ ಕನ್ನಡ ಭಾಷೆ, ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2:**ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಮೂಲಕ ಕನ್ನಡ ನುಡಿಯ ಮಹತ್ವವನ್ನು ತಿಳಿಯುತ್ತಾರೆ.

**CO 3:**ಕನ್ನಡ ಭಾಷೆಯ ಸಾಹಿತ್ಯ ಪರಂಪರೆಯ ಕಾವ್ಯದಲ್ಲಿ ಕನ್ನಡ ಕವಿಗಳು ಪ್ರಕೃತಿಯನ್ನು ಪರಿಭಾವಿಸಿದ ಬಗೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:**ಕನ್ನಡದ ಕವಿಗಳು ಕಾಲವನ್ನು ಗೌರವಿಸಿದ ಬಗೆಯನ್ನು ವಿವಿಧ ಕಾವ್ಯಗಳ ಪಠ್ಯಗಳನ್ನು ಓದುವ ಮೂಲಕ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 5:**ಕನ್ನಡದ ಮಹಿಳಾ ಆತ್ಮಚರಿತ್ರೆಯನ್ನು ಓದುವ ಮೂಲಕ ಬದಲಾಗುತ್ತಿರುವ ಸಮಾಜದಲ್ಲಿ ಆಧುನಿಕ ಮಹಿಳೆಯರ ಅಂತರಂಗದ ಜಗತ್ತನ್ನು ಅರಿತುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 6:** ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ವಿವಿಧ ಪಂಥಗಳ ಹುಟ್ಟು, ಬೆಳವಣಿಗೆ ಹಾಗೂ ಪ್ರೇರಣೆ ಮತ್ತು ಪ್ರಭಾವಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

## II SEMESTER

### COURSE OUTCOMES (COS)

Course	Details
Code	BASKAC181
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / Second
Type	Group I Core course
Total Credits	02
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

#### Learning Objectives :

ಕನ್ನಡದ ಕಾವ್ಯ ಹಾಗೂ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಕುರಿತು ಒಟ್ಟು ಆರು ಘಟಕಗಳನ್ನು ಮಾಡಿ ಕುಲ, ಹಸಿವು, ಹೆಣ್ಣು ಪರಿಕಲ್ಪನೆಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕಾವ್ಯಪಠ್ಯಗಳನ್ನು ರೂಪಿಸಲಾಗಿದೆ. ಇವುಗಳ ಜೊತೆಗೆ ಗದ್ಯದಲ್ಲಿ, ಆಯ್ದ ಸಣ್ಣಕತೆಗಳು ಹಾಗೂ ಹೊಸಗನ್ನಡದ ಸಾಹಿತ್ಯ ಪಂಥಗಳ ಚರಿತ್ರೆಯ ಮುಂದುವರಿದ ಭಾಗ ಮತ್ತು ಹೊಸಗನ್ನಡ ಛಂದಸ್ಸನ್ನು ಪಠ್ಯವಾಗಿ ನೀಡಲಾಗಿದೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :**ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳಲ್ಲಿ ಉಲ್ಲೇಖಗೊಂಡ ಕುಲಸಂಬಂಧೀ ವಿಚಾರಗಳನ್ನು ಸಾಕ್ಷೀಕರಿಸುವ ಕಾವ್ಯಗಳಿಂದ ಕನ್ನಡ ನಾಡಿನ ಸಮಾಜದಲ್ಲಿ ಪ್ರಚಲಿತದಲ್ಲಿದ್ದ ಕುಲದ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2:**ಕನ್ನಡ ಸಾಹಿತ್ಯದ ಮೂಲಕ ಮಾನವರ ಮೂಲಭೂತ ಅವಶ್ಯಕತೆಯಾದ ದೇಹ ಹಾಗೂ ಮನಸ್ಸಿನ ಹಸಿವೆಯನ್ನು ಹಸಿವಿನ ಪರಿಕಲ್ಪನೆಯಲ್ಲಿ ತಿಳಿಯುತ್ತಾರೆ.

**CO 3:**ಕನ್ನಡ ಭಾಷೆಯ ಸಾಹಿತ್ಯ ಪರಂಪರೆಯ ಕಾವ್ಯದಲ್ಲಿ ಕನ್ನಡ ಕವಿಗಳು ಹೆಣ್ಣನ್ನು ಪರಿಭಾವಿಸಿದ ಬಗೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:**ಹೊಸಗನ್ನಡದ ಆಯ್ದ ಸಣ್ಣಕತೆಗಳನ್ನು ಓದುವ ಮೂಲಕ ಕನ್ನಡದ ಕತೆಗಾರರು ಮನೋಭಾವ ಹಾಗೂ ಅವರು ಪ್ರತಿನಿಧಿಸುವ ತಾತ್ವಿಕತೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 5:**ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ವಿವಿಧ ಪಂಥಗಳ ಹುಟ್ಟು, ಬೆಳವಣಿಗೆ ಹಾಗೂ ಪ್ರೇರಣೆ ಮತ್ತು ಪ್ರಭಾವಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ..

**CO 6:** ಹೊಸಗನ್ನಡ ಛಂದಸ್ಸುಗಳ ಕುರಿತು ಮೊದಲ ಹಂತದ ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**III SEMESTER****COURSE OUTCOMES (COS)**

Course	Details
Code	BASKAC231
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Third
Type	Group I Core course
Total Credits	02
Total Contact Hours	72
Contact Hours per Week	06
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಕನ್ನಡದ ಕಾವ್ಯ ಹಾಗೂ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಕುರಿತು ಒಟ್ಟು ಆರು ಘಟಕಗಳನ್ನು ಮಾಡಿ ಶೌಚಗುಣ, ದಾನಗುಣ, ಸತ್ಯಗುಣದ ಪರಿಕಲ್ಪನೆಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕಾವ್ಯಪಠ್ಯಗಳನ್ನು ರೂಪಿಸಲಾಗಿದೆ. ಇವುಗಳ ಜೊತೆಗೆ ಗದ್ಯದಲ್ಲಿ, ಆಯ್ದ ಕಾವ್ಯಭಾಗವನ್ನು ದೀರ್ಘಪಠ್ಯವಾಗಿ ಹಾಗೂ ನಡುಗನ್ನಡದ ಸಾಹಿತ್ಯದ ವಿಭಾಗಕ್ರಮಗಳ ಉಗಮ ಮತ್ತು ವಿಕಾಸಗಳ ಚರಿತ್ರೆ ಹಾಗೂ ಹಳಗನ್ನಡ ಭಂಡಸ್ಸನ್ನು ಪಠ್ಯವಾಗಿ ನೀಡಲಾಗಿದೆ.

**Expected Learning Outcomes :**

**ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:**

**CO 1:** ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳಲ್ಲಿ ಉಲ್ಲೇಖಗೊಂಡ ಶೌಚಗುಣ ಸಂಬಂಧೀ ವಿಚಾರಗಳನ್ನು ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2:** ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳಲ್ಲಿ ಉಲ್ಲೇಖಗೊಂಡ ದಾನಗುಣ ಸಂಬಂಧೀ ವಿಚಾರಗಳನ್ನು ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:** ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳಲ್ಲಿ ಉಲ್ಲೇಖಗೊಂಡ ಸತ್ಯಗುಣ ಸಂಬಂಧೀ ವಿಚಾರಗಳನ್ನು ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:** ನಡುಗನ್ನಡದ ಆಯ್ದ ಕಾವ್ಯಭಾಗವನ್ನು ಓದುವ ಮೂಲಕ ನಡುಗನ್ನಡ ಕಾಲದ ಕವಿಗಳ ಮನೋಭಾವ ಹಾಗೂ ಅವರು ಪ್ರತಿನಿಧಿಸುವ ತಾತ್ವಿಕತೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 5:** ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಹುಟ್ಟು, ಬೆಳವಣಿಗೆ ಹಾಗೂ ಪ್ರೇರಣೆ ಮತ್ತು ಪ್ರಭಾವಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**CO 6:** ಹೊಸಗನ್ನಡ ಭಂಡಸ್ಸುಗಳ ಕುರಿತು ಎರಡನೆಯ ಹಂತದ ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**IV SEMESTER****COURSE OUTCOMES (COS)**

Course	Details
Code	BASKAC281
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second/Fourth
Type	Group I Core course
Total Credits	02
Total Contact Hours	72
Contact Hours per Week	06



Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	04
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

### Learning Objectives :

ಕನ್ನಡದ ಕಾವ್ಯ ಹಾಗೂ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಕುರಿತು ಒಟ್ಟು ಆರು ಘಟಕಗಳನ್ನು ಮಾಡಿ ಕಾಯ, ಕಾಯಕ, ಒಲುಮೆ ಮತ್ತು ಕುಟುಂಬ ಪರಿಕಲ್ಪನೆಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕಾವ್ಯಪಠ್ಯಗಳನ್ನು ರೂಪಿಸಲಾಗಿದೆ. ಇವುಗಳ ಜೊತೆಗೆ ಗದ್ಯದಲ್ಲಿ, ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಮುಂದುವರಿದ ಭಾಗ ಮತ್ತು ಹಳಗನ್ನಡ ಛಂದಸ್ಸನ್ನು ಪಠ್ಯವಾಗಿ ನೀಡಲಾಗಿದೆ.

### Expected Learning Outcomes :

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :**ಕನ್ನಡದ ಪ್ರಾಚೀನ ಕಾವ್ಯಗಳಲ್ಲಿ ಉಲ್ಲೇಖಗೊಂಡ ಕಾಯಸಂಬಂಧೀ ವಿಚಾರಗಳ ಕುರಿತು ವಿಶ್ಲೇಷಣಾತ್ಮಕವಾದ ನೆಲೆಯಲ್ಲಿ ಕವಿಗಳ ಅಭಿಪ್ರಾಯಗಳನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2:**ಕನ್ನಡ ಸಾಹಿತ್ಯದ ವಿಶೇಷ ಪರಿಕಲ್ಪನೆಯಾದ ಕಾಯಕದ ಮಹತ್ವವನ್ನು ದೋಹ, ವಚನಗಳ ಅಧ್ಯಯನದ ಮೂಲಕ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:**ಕನ್ನಡ ಭಾಷೆಯ ಸಾಹಿತ್ಯ ಪರಂಪರೆಯ ಕಾವ್ಯದಲ್ಲಿ ಕನ್ನಡ ಕವಿಗಳು ಒಲುಮೆಯನ್ನು ಪರಿಭಾವಿಸಿದ ಬಗೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:**ಕನ್ನಡ ಭಾಷೆಯ ಸಾಹಿತ್ಯ ಪರಂಪರೆಯ ಕಾವ್ಯದಲ್ಲಿ ಕನ್ನಡ ಕವಿಗಳು ಕುಟುಂಬವನ್ನು ಪರಿಭಾವಿಸಿದ ಬಗೆಯನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 5:**ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯಲ್ಲಿ ಸಾಹಿತ್ಯದ ವಿವಿಧ ಪ್ರಕಾರಗಳ ಹುಟ್ಟು, ಬೆಳವಣಿಗೆ ಹಾಗೂ ಪ್ರೇರಣೆ ಮತ್ತು ಪ್ರಭಾವಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**CO 6:**ಹಳಗನ್ನಡ ಛಂದಸ್ಸುಗಳ ಕುರಿತು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

## V SEMESTER paper V

### COURSE OUTCOMES (COS)

Course	Details
Code	BASKAC331
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Third/ Fifth/Paper V
Type	Group I Core course
Total Credits	04

Total Contact Hours	120
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA : 30    End Semester Exam : 120    Total : 150
Total Modules	03
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

### Learning Objectives :

ಸಾಹಿತ್ಯಗಮನ ಎಂಬ ಶೀರ್ಷಿಕೆಯಲ್ಲಿ ಹಳಗನ್ನಡ ಕಾವ್ಯ, ಗದ್ಯ ಸಾಹಿತ್ಯ ಹಾಗೂ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಬಗ್ಗೆ ಒಟ್ಟು ಮೂರು ಘಟಕಗಳನ್ನು ಮಾಡಿಕೊಂಡು ಪಂಪಯುಗದ ಕವಿಗಳ ಗದ್ಯ-ಪದ್ಯಕಾವ್ಯಗಳನ್ನು ಮರು ಓದಿಗೆ ಒಳಪಡಿಸಲಾಗಿದೆ. ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಮುಂದುವರಿದ ಭಾಗದಲ್ಲಿ ಚಂಪೂ, ಶಾಸನ ಸಾಹಿತ್ಯವನ್ನು ಸೇರಿಸಿಕೊಂಡು ಶಾಸ್ತ್ರೀಯ ಭಾಷೆಯಾಗಿ ಕನ್ನಡ ಅಧ್ಯಯನದ ಸಾಧ್ಯತೆಗಳನ್ನು ಪಠ್ಯವಾಗಿ ನೀಡಲಾಗಿದೆ.

### Expected Learning Outcomes :

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :**ಕನ್ನಡದ ಪ್ರಾಚೀನ ಶಾಸನಗಳ ಓದಿನೊಂದಿಗೆ ಪಂಪ, ರನ್ನ, ನಾಗವರ್ಮ, ನಾಗಚಂದ್ರರ ಕಾವ್ಯಗಳ ಆಯ್ದ ಭಾಗಗಳನ್ನು ಓದುತ್ತಾರೆ.

**CO 2:**ಈ ಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡದ ಶಿವಕೋಟ್ಯಾಚಾರ್ಯ ಹಾಗೂ ದುರ್ಗಸಿಂಹರ ಗದ್ಯವನ್ನು ಓದಿ ಕನ್ನಡ ಭಾಷೆಯ ಮೂಲಸ್ವರೂಪದ ಕುರಿತು ತಿಳಿಯುತ್ತಾರೆ.

**CO 3:**ಪ್ರಾಚೀನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯ ಭಾಗದಲ್ಲಿ ಚಂಪೂ, ಶಾಸನ ಸಾಹಿತ್ಯವನ್ನು ಸೇರಿಸಿಕೊಂಡು ಶಾಸ್ತ್ರೀಯ ಭಾಷೆಯಾಗಿ ಕನ್ನಡ ಅಧ್ಯಯನದ ಸಾಧ್ಯತೆಗಳನ್ನು ತಿಳಿಯುತ್ತಾರೆ.

## V SEMESTER paper VI

### COURSE OUTCOMES (COS)

Course	Details
Code	BASKAC332
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Third/ Fifth/Paper VI
Type	Group I Core course
Total Credits	04

Total Contact Hours	72
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	03
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಕಾವ್ಯಮೀಮಾಂಸೆಯ ಭಾಗದಲ್ಲಿ ಕನ್ನಡ ಕಾವ್ಯಮೀಮಾಂಸೆ, ಭಾರತೀಯ ಕಾವ್ಯಮೀಮಾಂಸೆ ಹಾಗೂ ಪಾಶ್ಚಾತ್ಯ ಸಾಹಿತ್ಯ ವಿಮರ್ಶೆ ಎಂಬ ಮೂರು ಘಟಕಗಳಲ್ಲಿ ಪಠ್ಯವನ್ನು ಒಳಗೊಳಿಸಲಾಗಿದೆ.	
<b>Expected Learning Outcomes :</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <b>CO 1 :</b> ಕನ್ನಡ ಹಾಗೂ ಸಂಸ್ಕೃತ ಕಾವ್ಯಮೀಮಾಂಸೆಯ ಮುಖ್ಯ ಪರಿಭಾಷೆಗಳು ಹಾಗೂ ಕವಿ-ಕಾವ್ಯ-ಸಹೃದಯ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 2:</b> ಕನ್ನಡ ಕಾವ್ಯಮೀಮಾಂಸೆಯ ಬಗ್ಗೆ ನಡೆದಿರುವ ಚರ್ಚೆಗಳನ್ನು ಈ ಭಾಗದಲ್ಲಿ ತಿಳಿಯುತ್ತಾರೆ. <b>CO 3:</b> ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಪಾಶ್ಚಾತ್ಯ ವಿದ್ವಾಂಸರು ನಡೆಸಿದ ಚರ್ಚೆಗಳು ಹಾಗೂ ಪರಿಕಲ್ಪನೆಗಳನ್ನು ಈ ಭಾಗದಲ್ಲಿ ಓದುತ್ತಾರೆ.	

**VI SEMESTER paper VII**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	BASKAC381
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Third/ Sixth/Paper VII
Type	Group I Core course
Total Credits	04
Total Contact Hours	120

Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	03
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಸಾಹಿತ್ಯ ಸಂಸ್ಕೃತಿ ಎಂಬ ಶೀರ್ಷಿಕೆಯಲ್ಲಿ ಹಳಗನ್ನಡ ಕಾವ್ಯಗಳನ್ನು ವಿಭಿನ್ನ ಕಲ್ಪನೆಗಳ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಓದುತ್ತಾರೆ. ಈ ಭಾಗದಲ್ಲಿ, ಪ್ರಭುತ್ವ-ಧರ್ಮ, ಯುದ್ಧ ಮತ್ತು ಶಾಂತಿ ಹಾಗೂ ಸಂಸ್ಕೃತಿಯನ್ನು ಪ್ರಾಯೋಗಿಕ ಕಲಿಕೆಯಾಗಿ ಪಂಪ, ಜನ್ನ, ಹರಿಹರ, ರನ್ನ, ರಾಘವಾಂಕ, ಕುಮಾರವ್ಯಾಸ, ರತ್ನಾಕರವರ್ಣಿ-ಇವರ ಕಾವ್ಯಗಳ ಆಯ್ದ ಪಠ್ಯಗಳು, ವಚನಗಳು, ಜನಪದ ಕಾವ್ಯವನ್ನು ಮೂರು ಘಟಕಗಳಾಗಿ ವಿಭಾಗಿಸಲಾಗಿದೆ.	
<b>Expected Learning Outcomes :</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <p><b>CO 1 :</b>ಸಂಸ್ಕೃತಿ ಪರಿಕಲ್ಪನೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಧರ್ಮ ಹಾಗೂ ಪ್ರಭುತ್ವಗಳ ನಡುವಿನ ಸಂಘರ್ಷ ಮತ್ತು ಅದರ ಪರಿಣಾಮಗಳನ್ನು ಪಂಪ, ಜನ್ನರ ಕಾವ್ಯಗಳು, ವಚನಗಳು, ಆಯ್ದ ಜನಪದ ಕಾವ್ಯಗಳ ಭಾಗಗಳಲ್ಲಿ ಓದುತ್ತಾರೆ.</p> <p><b>CO 2:</b>ಪ್ರಭುತ್ವ-ಗುರುತು, ಲೋಲುಪತೆ, ಪ್ರತಿರೋಧ ಎಂಬ ಎರಡನೆಯ ವಿಭಾಗದಲ್ಲಿ ಹಳಗನ್ನಡದ ಶಿವಕೋಟ್ಯಾಚಾರ್ಯ, ಹರಿಹರ, ರನ್ನ, ರಾಘವಾಂಕರ ಕಾವ್ಯಭಾಗಗಳನ್ನು ಓದಿ ಜೀವನಮೌಲ್ಯಗಳ ಮಹತ್ವವನ್ನು ತಿಳಿಯುತ್ತಾರೆ.</p> <p><b>CO 3:</b>ಯುದ್ಧ ಮತ್ತು ಶಾಂತಿ ಪರಿಕಲ್ಪನೆಯಲ್ಲಿ ಕುಮಾರವ್ಯಾಸ, ರತ್ನಾಕರವರ್ಣಿ ಹಾಗೂ ಸ್ಥಳೀಯ ಜನಪದ ಕಾವ್ಯಭಾಗಗಳನ್ನು ಓದಿ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.</p> <p><b>CO 4:</b>ಸಂಸ್ಕೃತಿ ವ್ಯಾಖ್ಯೆ, ಪರಿಕಲ್ಪನೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಆಚರಣೆಗಳು, ತ್ಯಾಗ-ಬಲಿದಾನಗಳ ಮಹತ್ವ, ಬಂಧುತ್ವ ವ್ಯವಸ್ಥೆಗಳನ್ನು ಜನಪದ ಪಠ್ಯಗಳಲ್ಲಿ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.</p>	

## VI SEMESTER paper VIII

### COURSE OUTCOMES (COS)

Course	Details
Code	BASKAC382
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Third/ Sixth/Paper VIII
Type	Group I Core course

Total Credits	04
Total Contact Hours	72
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA : 30 End Semester Exam : 120 Total : 150
Total Modules	03
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

#### **Learning Objectives :**

ಕನ್ನಡ ವ್ಯಾಕರಣ ಮತ್ತು ಭಾಷಾವಿಜ್ಞಾನ ಎಂಬ ಶೀರ್ಷಿಕೆಯಡಿಯಲ್ಲಿ ಒಟ್ಟು ಆರು ಘಟಕಗಳಿವೆ. ಕನ್ನಡ ವ್ಯಾಕರಣ ವಿಭಾಗದ ಮೂರು ಘಟಕಗಳಲ್ಲಿ ವ್ಯಾಕರಣದ ಸ್ವರೂಪ, ಪ್ರಯೋಜನ, ಮಹತ್ವ ಹಾಗೂ ಕನ್ನಡದ ವೈಯ್ಯಾಕರಣ ಕೇಶಿರಾಜನ ಶಬ್ದಮಣಿದರ್ಪಣದ ಕುರಿತು ಓದುತ್ತಾರೆ. ಭಾಷಾವಿಜ್ಞಾನ ವಿಭಾಗದ ಮೂರು ಘಟಕಗಳಲ್ಲಿ ಭಾಷೆಯ ಉಗಮ, ವಿಕಾಸದ ಘಟ್ಟಗಳು, ದ್ರಾವಿಡ ಭಾಷಾವಿಜ್ಞಾನ, ಧ್ವನಿವಿಜ್ಞಾನ ಹಾಗೂ ಭಾಷಾಶಾಸ್ತ್ರೀಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಪದಗಳ ವಿಶ್ಲೇಷಣೆಯನ್ನು ಕಲಿಯುತ್ತಾರೆ.

#### **Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1 :**ಕನ್ನಡ ವ್ಯಾಕರಣ ವಿಭಾಗದಲ್ಲಿ ವ್ಯಾಕರಣದ ಸ್ವರೂಪ, ಪ್ರಯೋಜನ, ಮಹತ್ವದ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 2:**ಕನ್ನಡದ ವೈಯ್ಯಾಕರಣ ಕೇಶಿರಾಜನ ಶಬ್ದಮಣಿದರ್ಪಣದ ಎಂಟು ಪ್ರಕರಣಗಳನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:**ಹಳಗನ್ನಡ ಹಾಗೂ ಹೊಸಗನ್ನಡದ ವಾಕ್ಯವ್ಯವಸ್ಥೆಯ ಬಗ್ಗೆ ಈ ಭಾಗದಲ್ಲಿ ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:**ಭಾಷಾವಿಜ್ಞಾನ ವಿಭಾಗದಲ್ಲಿ ಭಾಷೆಯ ಉಗಮ, ವಿಕಾಸದ ಘಟ್ಟಗಳು, ದ್ರಾವಿಡ ಭಾಷಾವಿಜ್ಞಾನವನ್ನು ಅಧ್ಯಯನ ಮಾಡುತ್ತಾರೆ.

**CO 5:**ಧ್ವನಿವಿಜ್ಞಾನ, ಕನ್ನಡ ಭಾಷೆಯ ಇತಿಹಾಸ, ಭಾಷಿಕ ಪ್ರಭೇದಗಳ ಬಗ್ಗೆ ತಿಳಿಯುತ್ತಾರೆ.

**CO6:**ಭಾಷಾಶಾಸ್ತ್ರೀಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕನ್ನಡ ಪದಗಳ ವಿಶ್ಲೇಷಣೆಯನ್ನು ಕಲಿಯುತ್ತಾರೆ.

## COURSE OUTCOMES (COS)

Course	Details
Code	BASKACE 131
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / First
Type	Group II Core Electiveಬಹುರೂಪಿ-1
Total Credits	02
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	02
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ತತ್ವಪದ, ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳು; ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ಪರಿಸರ ಸಂಬಂಧಿ ಪ್ರಬಂಧ ಹಾಗೂ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಂಬಂಧಿ ಧೋರಣೆಗಳ ಕುರಿತು ಓದುತ್ತಾರೆ.	
<b>Expected Learning Outcomes :</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <b>CO 1 :</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ತತ್ವಪದ, ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳ ಪಠ್ಯಗಳ ಮೂಲಕ ಎರಡು ಕಾಲಮಾನದ ಮೌಲ್ಯಗಳು ಮತ್ತು ಅಭಿವ್ಯಕ್ತಿ ಕ್ರಮದ ಕುರಿತು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ. <b>CO 2</b> ಗದ್ಯಭಾಗದಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆ, ಪರಿಸರ ಸಂಬಂಧಿ ಪ್ರಬಂಧ ಹಾಗೂ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಂಬಂಧಿ ಧೋರಣೆಗಳ ಬಗೆಗಿನ ಅರಿವನ್ನು ವಿಸ್ತರಿಸಿಕೊಳ್ಳುತ್ತಾರೆ.	

## II SEMESTER

## COURSE OUTCOMES (COS)

Course	Details
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Code	BASKACE 181
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	First / Second
Type	Group II Core Electiveಬಹುರೂಪಿ-2
Total Credits	02
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	02
Pedagogy	Lecture with Interactive Sessions, discussions, Debate, Enacting Drama
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam
<b>Learning Objectives :</b> ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಗಂಡು-ಹೆಣ್ಣು ಎಂಬ ಪರಿಕಲ್ಪನೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕನ್ನಡದ ಮಹತ್ವದ ನಾಲ್ವರು ಲೇಖಕಿಯರ ಕಾವ್ಯ, ಕವಿತೆಗಳು, ಕತೆಗಳು ಮತ್ತು ಲೇಖನಗಳನ್ನು ಓದುತ್ತಾರೆ. ಸಂಸ್ಕೃತಿ ಎಂಬ ಘಟಕದಲ್ಲಿ ಲಾವಣಿ, ಲೇಖನ ಮತ್ತು ಕವಿತೆಯನ್ನು ಅಭ್ಯಾಸ ಮಾಡುತ್ತಾರೆ.	
<b>Expected Learning Outcomes :</b> ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು: <p><b>CO 1 :</b>ಕಾವ್ಯಭಾಗದಲ್ಲಿ ಗಂಡು-ಹೆಣ್ಣು ಎಂಬ ಪರಿಕಲ್ಪನೆಯ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಕನ್ನಡದ ಮಹತ್ವದ ನಾಲ್ವರು ಲೇಖಕಿಯರ ಕಾವ್ಯ, ಕವಿತೆಗಳು, ಕತೆಗಳು ಮತ್ತು ಲೇಖನದ ಓದಿನಿಂದ ಆಯಾ ಲೇಖಕಿಯರ ಮನೋಧರ್ಮ ಹಾಗೂ ಅವರು ತಮ್ಮ ಕಾಲದ ಆಗುಹೋಗುಗಳಿಗೆ ಸ್ಪಂದಿಸಿದ ಬಗೆಯನ್ನು ಅರಿತುಕೊಳ್ಳುತ್ತಾರೆ.</p> <p><b>CO 2:</b>ಸಂಸ್ಕೃತಿ ಎಂಬ ಘಟಕದಲ್ಲಿ ಲಾವಣಿ, ಲೇಖನ ಮತ್ತು ಕವಿತೆಯ ಮೂಲಕ ಪ್ರಾದೇಶಿಕತೆಯ ವೈಶಿಷ್ಟ್ಯ ಹಾಗೂ ಸಂಸ್ಕೃತಿ ನಿರ್ಮಾಣದಲ್ಲಿ ಅದರ ಪಾತ್ರವನ್ನು ಗುರುತಿಸುತ್ತಾರೆ.</p>	

### III SEMESTER

#### COURSE OUTCOMES (COS)

Course	Details
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Code	BASKACE 231
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Third
Type	Group II Core Electiveಬಹುರೂಪಿ-3
Total Credits	02
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	06
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಘಟಕ ಒಂದರಲ್ಲಿ ಎರಡು ತತ್ವಪದಗಳನ್ನು, ಘಟಕ ಎರಡರಲ್ಲಿ ಜನಪದ ಲಾವಣಿಯ ಆಯ್ದ ಭಾಗವನ್ನು, ಘಟಕ ಮೂರರಲ್ಲಿ ಜನಪದ ಕಥನ ಕಾವ್ಯದ ಒಂದು ಭಾಗವನ್ನು ಓದುತ್ತಾರೆ. ಘಟಕ ನಾಲ್ಕರಲ್ಲಿ ಜನಪದ ಮಹಾಕಾವ್ಯವೊಂದರ ಆಯ್ದ ಭಾಗವನ್ನು, ಘಟಕ ಐದರಲ್ಲಿ ಜನಪದ ತ್ರಿಪದಿಯನ್ನು ಹಾಗೂ ಘಟಕ ಆರರಲ್ಲಿ ಕನಕದಾಸರ ಕೃತಿಯ ಭಾಗವನ್ನು ಓದುತ್ತಾರೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1:** ಎರಡು ತತ್ವಪದಗಳನ್ನು ಓದುವುದರಿಂದ ಅವುಗಳಲ್ಲಿ ಅಡಗಿರುವ ಚಿಂತನೆಯನ್ನು ಗುರುತಿಸುತ್ತಾರೆ.

**CO 2:** ಜನಪದ ಲಾವಣಿಯ ಆಯ್ದ ಭಾಗವನ್ನು ಓದಿ ಬುಡಕಟ್ಟು ಸಮುದಾಯದ ಜನಜೀವನ ಹಾಗೂ ಅವರ ಒಟ್ಟು ಸಂಸ್ಕೃತಿಯನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 3:** ಜನಪದ ಕಥನ ಕಾವ್ಯವೊಂದರ ಒಂದು ಭಾಗವನ್ನು ಓದಿ, ಜನಪದ ಮಹಿಳೆಯರ ಬದುಕಿನ ತ್ಯಾಗ-ಬಲಿದಾನದ ಮಹತ್ವವನ್ನು ತಿಳಿದುಕೊಳ್ಳುತ್ತಾರೆ.

**CO 4:** ಜನಪದ ಮಹಾಕಾವ್ಯವೊಂದರ ಆಯ್ದಭಾಗದ ಪಠ್ಯದಲ್ಲಿರುವ ಜನಪದರ ಆದರ್ಶ, ಜೀವನ ಮೌಲ್ಯಗಳನ್ನು ಗೌರವಿಸಲು ಕಲಿಯುತ್ತಾರೆ.

**CO 5:** ಜನಪದ ತ್ರಿಪದಿಯಲ್ಲಿ ಕಂಡುಬರುವ ಹಿಂದಿನ ಕಾಲದ ಮಹಿಳೆಯರ ಸ್ಥಿತಿಗತಿಗಳನ್ನು ಅರ್ಥೈಸಿಕೊಳ್ಳುತ್ತಾರೆ.

**CO 6:** ಕನಕದಾಸರ ಕೃತಿಯನ್ನು ಓದಿ ಅವರ ಕಾಲಘಟ್ಟದ ಜ್ಞಾನ, ಬುದ್ಧಿಮತ್ತೆಯನ್ನು ಅರಿತುಕೊಳ್ಳುತ್ತಾರೆ.



**IV SEMESTER**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	BASKACE281
Title	<b>Kannada</b>
Programme	Bachelor of Arts (BA)
Year / Semester	Second / Fourth
Type	Group II Open Electiveಬಹುರೂಪಿ-4
Total Credits	02
Total Contact Hours	24
Contact Hours per Week	02
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	02
Pedagogy	Lecture with Interactive Sessions, discussions, Debate
Evaluation Method	Viva-voce, Assignments, Two Internal Exams, One end term Semester Exam

**Learning Objectives :**

ಘಟಕ ಒಂದರಲ್ಲಿ ಕೀರ್ತನೆಗಳು ಹಾಗೂ ಹೊಸಗನ್ನಡದ ಕವಿತೆಗಳನ್ನು ಓದುತ್ತಾರೆ. ಘಟಕ ಎರಡರಲ್ಲಿ ಹೊಸಗನ್ನಡದ ಕತೆಗಳು ಹಾಗೂ ಲಘು ಬರಹಗಳನ್ನು ಅಭ್ಯಾಸ ಮಾಡುತ್ತಾರೆ.

**Expected Learning Outcomes :**

ಪಠ್ಯವನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ಬಳಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು:

**CO 1:**ಘಟಕ ಒಂದರಲ್ಲಿ ಕೀರ್ತನೆಗಳು ಹಾಗೂ ಹೊಸಗನ್ನಡದ ಕವಿತೆಗಳನ್ನು ಓದಿ ಜೀವನದ ನಶ್ವರತೆ, ಕುಲದ ಅವಲಂಬನೆಯಿಂದ ಸಮಾಜದಲ್ಲಿ ಹುಟ್ಟಿಕೊಳ್ಳುವ ತಾರತಮ್ಯದ ಮನೋಭಾವ, ಪ್ರಕೃತಿಯ ಸುಂದರತೆ ಮುಂತಾದ ವಿಚಾರಗಳನ್ನು ವಿಮರ್ಶಿಸುವುದಕ್ಕೆ ಕಲಿಯುತ್ತಾರೆ.

**CO 2:**ಹೊಸಗನ್ನಡದ ಕತೆಗಳು ಹಾಗೂ ಲಘು ಬರಹಗಳನ್ನು ಅಭ್ಯಾಸ ಮಾಡುವ ಮೂಲಕ ಆಧುನಿಕ ಕಾಲಘಟ್ಟದ ಸ್ಥಿತ್ಯಂತರಗಳು ಮತ್ತು ಅವುಗಳಿಂದ ಬದಲಾಗುತ್ತಿರುವ ಜೀವನ ಕ್ರಮಗಳನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ.

## **HINDI CORE**

### **I Semester**

#### **COURSE OUTCOMES (COS)**

<b>course</b>	<b>Details</b>
Code	<b>BASHDC 131</b>
Title	Hindi Katha Sahitya
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

CO 1- Development of literary and linguistic test of the newly admitted students.

CO 2- Knowledge of the basic function of literary language.

CO 3- Perfection of the use of Idioms and Phrases.

CO 4- Enrichment of critical views of the students.

CO 5- To introduce the stories and story writers to the students.

CO 6- To develop the National spirit among students.

course	Details
Code	<b>BASHDC 181</b>
Title	Hindi Kavya
Programme	Bachelor of Arts
Year/Semester	First/ Second
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1-To introduce the History of the poetry to the students. CO 2-Development of poetry writing skill among students CO 3- To introduce the famous poetry and poets. CO 4- To promote the thought ability and imagination skill among students	

<b>course</b>	<b>Details</b>
Code	<b>BASHDC 231</b>
Title	Hindi Natak
Programme	Bachelor of Arts
Year/Semester	Second / Third
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- To introduce the Hindi Natak Sahitya CO 2-High lighting social problems through Drama. CO 3-To introduce the famous Dramas and Drama writers CO 4-To encourage the stage skill through Drama among students.	

<b>course</b>	<b>Details</b>
Code	<b>BASHDC 281</b>
Title	Kathetar Hindi Gadhya Vidhayen
Programme	Bachelor of Arts
Year/Semester	Second / fourth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6

Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- To introduce the Hindi Nibandh Sahitya. CO 2- Introduce the famous Nibandh writers to students. CO 3- To create interest in Essay. CO 4- Development of broad views in students about various approaches.	

<b>course</b>	<b>Details</b>
Code	BASHDC331
Title	Kavyashastra Ka Parichay
Programme	Bachelor of Arts
Year/Semester	Third / fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

<b>course</b>	<b>Details</b>
Code	<b>BASHDC 332</b>
Title	Sahitya Sameeksha
Programme	Bachelor of Arts
Year/Semester	Third / fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1-To introduce the Bharatiya Kavya Shastra. CO 2- To develop the views of Literary Review. CO 3- To develop the language skill. CO 4- To able to critically interact with others about different aspects of Literature. CO 5- Ability to think about the development of Indian poetics.	

#### **VI Semester Paper-VII**

<b>course</b>	<b>Details</b>
Code	BASHDC381
Title	Hindi Sahitya Ka Itihas
Programme	Bachelor of Arts
Year/Semester	third /sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72

Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	04
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1-To able to understand origin of Hindi language and its literature. CO 2-To able to understand and indentify the dialects of Hindi language family. CO 3-To able to anlayse the development of Khadiboli Hindi. CO 4-To able to understand the concept of History of Literature.	

course	Details
Code	<b>BASHDC 382</b>
Title	Sahitya Srijan Tatha Rupantaran
Programme	Bachelor of Arts
Year/Semester	Third / Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

CO 1-Kahani (Story) ; Upanyas (Novel) : Origin and Development.  
CO 2-To able to understand the importance and basis of the names given to each period of Hindi Literature.

CO 3-To develop the criticism views among students

course	Details
Code	BASHCE132
Title	Hindi Bhasha Ek Parichay
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group-11 Elective courses
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- To introduce Hindi Language. CO 2- To able to understand the different flows of Hindi Language. CO 3- Give the information about Vishwa Hindi Sammelan. CO 4- To promote Hindi in South India.	

course	Details
Code	BASHCE182
Title	Anuvad Siddanth Aur Prayog
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group-11 Elective courses



Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- Introduction of theory of Translation. CO 2- Discuss about the problems of Translation and resolve them. CO 3- Objectives of Good Translation. CO 4- Importance of the Translation.	

<b>course</b>	<b>Details</b>
Code	BASHCE232
Title	Hindi Patrakarita
Programme	Bachelor of Arts
Year/Semester	Second/Third
Type	Group-11 Elective courses
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- Introduce the History of Hindi Journalism. CO 2- Introduction of the Main Hindi Journals. CO 3- Contribution of Hindi Journalism in Independence of India.	

course	Details
Code	BASHOE282
Title	Media Lekhan
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group-11 Elective courses
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1- Understanding the various forms of writing in Media. CO 2- Understanding the concept of proof reading. CO 3- To able to understand the problems of Social media and their remedies. CO 4- To give the importance for creative writing like Advertisement, Media, Add, etc.	

## CORE COURSE ENGLISH

course	Details
Code	<b>BASENC 131</b>
Title	EARLY ROMANTIC LITERATURE
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecture, ICT based teaching, Project-interactive method
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. Foster an appreciation and enjoyment of literature's aesthetic and intellectual elements in students C.O2 . Enhance students' perception of the richness and diversity of culture, the social and ethical values in literature and enable them to respond C.O 3. Sensitize students to English language through literature C.O 4. To develop analytical and critical thinking C.O 5. To assist students to develop creativity C.O 6. To inculcate reading habit in students C.O 7. Provide a good foundation in English literature to equip students to pursue Post Graduate studies in literature	

course	Details
Code	<b>BASENC 181</b>
Title	LATER ROMANTIC LITERATURE
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	04

pedagogy	Chalk And Talk, Lecture, ICT based teaching. Project-interactive method
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1. To introduce students to the study of literature CO 2. To aim at acquainting students with the Romantic period and some of its representative writers CO 3. To provide students insights into the social and historical contexts of Romantic Literature CO 4. To understand the difference between reason and imagination CO 5. To introduce the essence of the Early Romantic period through concepts like Romanticism and Gothic Romance CO 6. Enable students to understand the Romantic poetry conceptually through the Lyric and the Ballad as literary forms and appreciate the lucidity of expression of the Romantic poets CO 7. To comprehend the concept of Nature as perceived by the Romantic Poets CO 8. To have a thorough understanding of the basics of Romantic Literature	

course	Details
Code	<b>BASENCE231</b>
Title	VICTORIAN LITERATURE
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	04
pedagogy	Chalk And Talk, Lecture, ICT based teaching, Project-interactive sessions, seminar-class presentation
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1. Acquire students with three significant forms of literature: Essay, poetry and the Novel CO 2. Understand the gradual changes in Romantic poetry CO 3. Educate students on the ‘Ode’ as a form of poetry CO 4. Recognize the key writers of the later Romantic writers C.O 5. Understand the texts through concepts and historical background C.O 6. A fairly good understanding of the Later Romantic Period in Literature	

<b>course</b>	<b>Details</b>
Code	<b>BASENC281</b>
Title	SEVENTEENTH CENTURY LITERATURE
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecture, , ICT based teaching, Project-interactive sessions, seminar-class presentation
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. The history and use of Satire as an artistic form. C.O 2. Development of Drama in the 17th Century-Farce and Comedy of Manners C.O 3. The social and religious atmosphere in the 17th century - Puritanism and its Politics C.O 4. Metaphysical Poetry C.O 5. Sonnet as a significant form of Poetry C.O 6. Introduction to 17th Century Literature	

<b>course</b>	<b>Details</b>
Code	BASENC 331
Title	SHAKESPEARE
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecture, , ICT based teaching, Project-interactive sessions, seminar-class presentation
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. To understand the Concept of Tragic Drama C.O 2. To gain insight into the History of the sonnet form C.O 3. To gain insights into Senecan influence on the English Drama C.O 4. To have a comprehensive understanding of the Shakespearean stage, comedy and tragedy C.O 5. A close study of Shakespearean Tragedy C.O 6. To have a holistic idea of Shakespeare's theatre and plays	

<b>course</b>	<b>Details</b>
Code	<b>BASENC 381</b>
Title	INDIAN WRITING IN ENGLISH

Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lecture, , ICT based teaching, Project-interactive sessions, seminar-class presentation
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. To understand the various features of Indian literature in English C.O 2. To gain insight into the inception of English in India C.O 3. To comprehend the term ‘Colonialism’ C.O 4. To understand M.K. Gandhi as a writer C.O 5. To familiarize the students to Indian English literature	

<b>course</b>	<b>Details</b>
Code	<b>BASENC 382</b>
Title	AMERICAN LITERATURE
Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	72
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	04
pedagogy	Chalk And Talk, Lecture, , ICT based teaching, Project-interactive sessions, seminar-class presentation
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1. To understand the historical background of American Literature and the American Dream</p> <p>C.O 2. To get an idea of the socio- cultural and political events responsible for the development in American literary history</p> <p>C.O 3. To get insights into the society, politics and art and its impact on literature.</p> <p>C.O 4. Develop an appreciation of multiple culture and literature</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASENCE 132</b>
Title	History of English Language
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – II : Elective course
Total Credits	1



Total Contact Hours	24
Contact Hours per week	2
Examination Duration	1
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecture.
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

<b>course</b>	<b>Details</b>
Code	BASENCE 182
Title	British Socio-political Movements
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – II : Elective course
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	1
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecture.
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

<b>course</b>	<b>Details</b>
Code	<b>BASENCE 232</b>
Title	Translation: Theory and Practice
Programme	Bachelor of Arts

Year/Semester	Second /Third
Type	Group – II : Elective course
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	1
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecturer, to make students translate the texts in their mother tongue
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

<b>course</b>	<b>Details</b>
Code	<b>BASENOE 282</b>
Title	Introduction to poetry
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – II : Elective course
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	1
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	01
pedagogy	Chalk And Talk, Lecture
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

## HISTORY

course	Details
Code	BASHTC-131
Title	India in the early Historical Period up to A.D.300
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<b>C.O 1</b> Students will be familiarized with the historical evolution of Indian History and culture	

course	Details
Code	BASHTC-181
Title	India in the Early Medieval Period (A.D. 300-1300)
Programme	Bachelor of Arts
Year/Semester	First/second
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3

Max. Marks	I.A : 30	End Semester Exam : 120	Total : 150
Total Modules	03		
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
C.O 1 Students understand the process of the rise of regional states and their relation with their contemporaries			
C.O 2 They understand the nature of state and administration			

course	Details
Code	BASHTC-231
Title	Medieval India (A.D. 1206-1605)
Programme	Bachelor of Arts
Year/Semester	second /Third
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Socio-cultural dimensions of the Medieval period and its bearing on the present	

<b>course</b>	<b>Details</b>
Code	BASHTC-281
Title	Early Modern India (A.D. 1605-1856)
Programme	Bachelor of Arts

Year/Semester	second /Fourth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
c.o 1. Understand the evolution of Indian society	
c.o 2. Gain insights in to the life and achievements of the great leaders of the period	

<b>course</b>	<b>Details</b>
Code	BASHTC-331
Title	Colonial India (A.D. 1856-1885)
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O 1. Understand the process of the imposition of colonialism and the its functioning

C.O 2. Gain insights in to the nature of colonial policies and their impact on the Indian economy and society

course	Details
Code	BASHTC-332
Title	History of Europe (A.D. 1789-1990)
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. Gain insights in to polity and society of modern Europe C.O 2. Come in contact with the ideologies that shaped Europe C.O 3. Learn lessons from the miseries that imperialism created in Europe	
1. Gain insights in to the nature of colonial penetration and exploitation 2. Understand the process of growth of nationalism in the region 3. Help to develop regional solidarity against any kind of dominance by western Powers	

course	Details
Code	BASHTC – 381
Title	Making of Indian Nation (A.D. 1885 – 1947)

Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03
pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O 1. Feeling of unity in diversity makes them proud  
C.O 2. Understand the meaning of freedom and the need to preserve it against onslaught  
C.O 3. Respect and observe the basic spirit of the constitution

<b>course</b>	<b>Details</b>
Code	BASHTC-382
Title	History of Karnataka (A.D. 1565-1956)
Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	03

pedagogy	Chalk And Talk, Lectures, power point presentation, seminars, group study, map study,
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1. Gain knowledge about the regional and local history  C.O 2. Gain an understanding of the historical experience and the forces that shaped the history of Karnataka	

## **VI Semester**

### **COURSE OUTCOMES (COS)**

C.O 1. Gain insights about the evolution of different styles of art and architecture C.O 2. Understand the cultural contributions of India to the world.
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## **VI Semester**

### **BASHTC-385**

### **COURSE OUTCOMES (COS)**

C.O 1. Students get enlightened about their own local history  C.O 2. Understand the stages of cultural evolution of the region  C.O 3. Understand the contribution of the region to the nation
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# POLITICAL SCIENCE

Course	Details
Code	BASPSC 131
Title	INTRODUCTION TO
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30      End Semester Exam: 120      Total: 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To introduce students to the fundamental areas of Political Science.</p> <p>C.O 2 To orient students to comprehend the range and fundamental concepts of Political Science.</p> <p>C.O 3 To enhance their ability to relate themselves to the day to day Political happenings</p> <p>C.O 4 To develop interest in larger understanding of the study of political science</p>	

course	Details
Code	<b>BASPSC 181</b>
Title	INDIAN POLITICAL SYSTEM
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	3

Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To introduce students to the institutional patterns of Indian Political System</p> <p>C.O 2 To acquaint the students with issues that influences the working of Indian Political System</p> <p>C.O 3 To develop an ability among students to understand and assess the Indian Political System.</p> <p>C.O 4 To help students to acquire an ability to reflect upon the political happenings around them.</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASPSC 231</b>
Title	MODERN POLITICAL SYSTEMS
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O1 To introduce students to few modern governments to develop an ability to compare and contrast the political systems

C.O 2 To explicate the principles governing Political Institutions.

C. O 3 To highlight factors that helps Political Change.

C.O4 To enable students to have a sound grasp of the methodology of comparison.

C.O 5 To evaluate the operational pattern of selected modern governments.

course	Details
Code	<b>BASPSC 281</b>
Title	INDIAN POLITICAL THINKERS
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To introduce and make students understand the political traditions existed in the past.</p> <p>C.O 2 To help students to develop interest to read the ancient and modern texts dealing with power governance</p> <p>C.O 3 To develop an ability to read and reflect upon the major contributions of identified thinkers</p> <p>C.O 4 To make students to derive inspirations from the thinkers and preserve the values that integrates and helps them to build healthy society</p>	

<b>course</b>	<b>Details</b>
Code	BASPSC 331
Title	PUBLIC ADMINISTRATION WITH SPECIAL REFERENCE TO INDIA
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O1 To enable students to understand the major components of public administration</p> <p>C.O2 To develop an ability to understand the operational pattern of public administration</p> <p>C.O3 To compare and examine the changes introduced to make administration more accountable and responsible</p> <p>C.O4 To develop a capacity among students to assess objectively the output of public institutions</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASPSC 332</b>
Title	INTRODUCTION TO INTERNATIONAL RELATIONS
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course
Total Credits	3

Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To make students to understand the range, fundamental concepts and categories of International relations.</p> <p>C.O 2 To enable students to grasp the theoretical bases of International relations.</p> <p>C.O 3 To familiarize the students with the foreign policy strategies and processes of International relations.</p> <p>C.O 4 To equip the students with an ability to understand the dynamics and forces that shape International relations at present Hours of Instruction</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASPSC 381</b>
Title	THEORY AND PRACTICE OF MANAGEMENT
Programme	Bachelor of Arts
Year/Semester	Third /sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6

Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 To make students understand the significance of management today.  C.O 2 To introduce students to basics of management and analyse its functions  C.O 3 To develop an ability to use the techniques to be a successful leader manager  C.O 4 To help students to develop life skills to be independent	

<b>course</b>	<b>Details</b>
Code	<b>BASPSC 382</b>
Title	PROJECT WORK / CONTEMPORARY ISSUES IN INTERNATIONAL POLITICS
Programme	Bachelor of Arts
Year/Semester	Third /sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O1 To introduce students to the global trends and their implications on the bilateral relations	

C.O2 To make students understand the factors crucial for the conduct of international affairs

C.O3 To expose students to the major events that determined the nature of relationship between the nations

C.O 4 To develop an ability amongst students to reflect upon the major international issues.

course	Details
Code	<b>BASPSCE 132</b>
Title	BASIC CONCEPTS OF POLITICAL SCIENCE
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – II : Eletive course
Total Credits	1
Total Contact Hours	20
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A: 10                      End Semester Exam: 40                      Total: 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O 1 To enable students to get familiarized with the fundamental concepts used often and debated.

C.O 2 To make students realize the significance of understanding the factors guiding the day to day life.

C.O 3 To make students realize the importance of major political values guiding the political life.

C.O 4 To develop an ability to distinguish between the theory and practice of major political values.

<b>course</b>	<b>Details</b>
Code	BASPSCE 182
Title	DEMOCRATIC DECENTRALIZATION IN INDIA
Programme	Bachelor of Arts
Year/Semester	First/second
Type	Group – II : Eletive course
Total Credits	1
Total Contact Hours	20
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To expose students to democratic institutional traditions of India.</p> <p>C.O 2 To familiarize students with the Democratic experiments of India.</p> <p>C.O 3 To make students understand the significance of Decentralization in India.</p> <p>C.O 4 To develop an ability to make use [participation] of the democratic institutions to the maximum</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASPSCE 232</b>
Title	POLITICS IN KARNATAKA
Programme	Bachelor of Arts
Year/Semester	second /Third
Type	Group – II : Eletive course
Total Credits	1
Total Contact Hours	20



Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 To make students to realize the significance of the study of state politics</p> <p>C.O 2 To expose them to the forces that shapes the state politics</p> <p>C.O 3 To enhance the critical ability of students on the contemporary concerns of the state politics</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASPSOE 282</b>
Title	SOCIO-POLITICAL MOVEMENTS IN INDIA
Programme	Bachelor of Arts
Year/Semester	second /Fourth
Type	Group – II : Eletive course
Total Credits	1
Total Contact Hours	20
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 To introduce students to the broader areas of contestation and its implications	

C.O 2 To develop an ability to understand the plural character of life and its political claims

C.O 3 To engage and relate themselves in the larger socio political expressions needed for the social change.

C.O 4 To make students to articulate and preserve the traditions of democratic expressions through social movements

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC131
Title		<b>MICRO ECONOMIC ANALYSIS</b>
Programme		Bachelor of arts (B.A.)
Year / Semester		First/First
Type		Core Course
Total Credits		03
Total Contact Hours		72
Contact Hours per Week		06
Examination Duration		03 Hours
Max. Marks		CIA : 30      End Semester Exam : 120Total : 150
Total Modules		05
Pedagogy		Lectures with interactive session.
Evaluation Method		Assignment, Internal Assessment Exam, One End Semester Exam.
<b>CO 1</b>	Students will understand fundamental concepts of Microeconomics.	
<b>CO 2</b>	Students will be able to analyze consumer behavior and consumer decisions	
<b>CO 3</b>	Students will understand product and factor price determination in the market.	
<b>CO 4</b>	Ability to identify alternative solutions to problems.	
<b>CO 5</b>	Students learn to apply economic theories and concepts to real life situations.	
<b>CO 6</b>	Students understand the economic behaviour of individuals, firms and markets, demand analysis, production theory and behaviour of costs	
<b>CO 7</b>	Students will be able to understand the production and cost structure under different stages of production.	
<b>CO 8</b>	To understand the pricing and output decisions under various market structure.	

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC181
Title		<b>MACRO ECONOMIC ANALYSIS</b>
Programme		Bachelor of Arts (B.A.)
Year / Semester		First/Second
Type		Core Course
Total Credits		03
Total Contact Hours		72
Contact Hours per Week		06
Examination Duration		03 Hours
Max. Marks		CIA : 30    End Semester Exam : 120    Total : 150
Total Modules		05
Pedagogy		Lectures with Interactive Session.
Evaluation Method		Assignment, Internal Assessment Exam, One End Semester Exam.
<b>CO 1</b>	Students will understand the overall structure of the economy in theoretical and contemporary perspectives.	
<b>CO 2</b>	Ability to analyze the functional relationships between aggregates	
<b>CO 3</b>	Provides theoretical foundation of some advanced issues and policies.	
<b>CO 4</b>	Ability to apply the Principle of Macroeconomics in explaining the behaviour of Macroeconomic variables.	
<b>CO 5</b>	Analyze the reasons for economic fluctuations in an economy.	

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC231
Title		<b>MONETARY ECONOMICS</b>
Programme		Bachelor of Arts(B.A.)
Year / Semester		Second/Third
Type		Core Course
Total Credits		03
Total Contact Hours		72
Contact Hours per Week		06
Examination Duration		03 Hours
Max. Marks		CIA : 30    End Semester Exam : 120    Total : 150
Total Modules		06
Pedagogy		Lectures with interactive session.
Evaluation Method		Assignment, Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>		
<b>CO 1</b>	Understand how the price level or value of money is determined.	
<b>CO 2</b>	Ability to analyze the tool of Index number in measuring Price level	
<b>CO 3</b>	Generate theoretical and applied understanding of monetary economics.	
<b>CO 4</b>	Describe the process of credit creation of a commercial bank,	

<b>CO 5</b>	Understand the balance sheet of a commercial bank.
<b>CO 6</b>	Ability to understand the functioning of Commercial banks and of central bank in a nation.
<b>CO 7</b>	Understands the role of monetary policy of central Bank in maintaining economic stability.

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC281
Title		<b>INTERNATIONAL ECONOMICS</b>
Programme		Bachelor of Arts (B.A.)
Year / Semester		Second/Fourth
Type		Core Course
Total Credits		03
Total Contact Hours		72
Contact Hours per Week		06
Examination Duration		03 Hours
Max. Marks		CIA: 30    End Semester Exam: 120    Total: 150
Total Modules		05
Pedagogy		Lectures with interactive session.
Evaluation Method		Assignment, Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>		
<b>CO 1</b>	Provide theoretical and practical background to the students on the subject of international trade.	
<b>CO 2</b>	Understand the reason for international trade and gains from it.	
<b>CO 3</b>	Ability to analyze the policy measures by the government to restrict international trade.	
<b>CO 4</b>	Understand about different aspect of Governmental activities and their rationality.	
<b>CO 5</b>	Learn about the fundamental concepts of public economics, public expenditure, public revenue, and public debt with special reference of Indian Economy	
<b>CO 6</b>	Learn about the tax structure, policy and regulations.	

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC331
Title		<b>ECONOMIC THOUGHT</b>
Programme		Bachelor of Arts(B.A.)
Year / Semester		Third/Fifth
Type		Core Course
Total Credits		03
Total Contact Hours		60
Contact Hours per Week		05
Examination Duration		03 Hours
Max. Marks		CIA: 20    End Semester Exam: 80    Total: 100

Total Modules	05
Pedagogy	Lectures with interactive session.
Evaluation Method	Assignment, Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>	
<b>CO 1</b>	Helps to understand the historical developments in economic thoughts propounded by different schools.
<b>CO 2</b>	Able to make critical comparison of the contributions of the main schools of economics; the classical, the neo-classical, the marginal etc
<b>CO 3</b>	Understand specific contributions of economists of different school.
<b>CO 4</b>	Learn the similarities and differences among different economy schools.
<b>CO 5</b>	Knowledge about the contributions of Indian economists to economics.

<b>COURSE</b>	<b>DETAILS</b>
Code	BASECC332
Title	<b>DEVELOPMENTECONOMICS</b>
Programme	Bachelor of Arts (B.A.)
Year / Semester	Third/Fifth
Type	Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30    End Semester Exam: 120    Total: 150
Total Modules	05
Pedagogy	Lectures with interactive session.
Evaluation Method	Assignment, Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>	
<b>CO 1</b>	Understand the basic difference between Economic Development and Economic Growth.
<b>CO 2</b>	Analyze the problems faced by UDCs in achieving economic development.
<b>CO 3</b>	Understand the role of capital, state, technology and entrepreneurs in Economic Development.
<b>CO 4</b>	Provides fundamental foundation of basic growth and development issues, approaches and models.
<b>CO 5</b>	The students enable to know theories of growth and development.
<b>CO 6</b>	The paper attempts to discuss the structure and change in variables. It helps understand the overall static and dynamic perspectives of the economy in a purely theoretical perspective.

<b>COURSE</b>	<b>DETAILS</b>
Code	BASECC381
Title	<b>INDIAN ECONOMICS</b>

Programme	Bachelor of Arts (B.A.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30      End Semester Exam : 120      Total: 150
Total Modules	05
Pedagogy	Lectures with interactive session.
Evaluation Method	Assignment, Internal Assessment Exam, One End Semester Exam.

### **COURSE OUTCOME**

<b>CO 1</b>	Understand the nature, characteristics and Problems of Indian Economy.
<b>CO 2</b>	Understand various issues related to Indian Economy.
<b>CO 3</b>	To provide basic knowledge on national income accountings, various issues involved in agricultural, industrial, financial, trade sectors, public institutions and finally human resources development.
<b>CO 4</b>	Understand the changing trends in the Indian economy.
<b>CO 5</b>	Understand various issues related to population in India.

<b>COURSE</b>	<b>DETAILS</b>
Code	BASECC383
Title	<b>ECONOMICS OF INSURANCE</b>
Programme	Bachelor of Arts (B.A.)
Year / Semester	Third/Sixth
Type	Core Course
Total Credits	03
Total Contact Hours	60
Contact Hours per Week	05
Examination Duration	03 Hours
Max. Marks	CIA: 30      End Semester Exam: 120      Total: 150
Total Modules	06
Pedagogy	Lectures with interactive session.
Evaluation Method	Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>	
<b>CO 1</b>	To understand the concept of risk and uncertainty.
<b>CO 2</b>	To study the cost benefit analysis of insurance.
<b>CO 3</b>	To understand the essentials of general insurance.
<b>CO 4</b>	To analyze importance of life insurance.
<b>CO 5</b>	To discuss the importance of health and rural insurance.

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECC358
Title		<b>ENVIRONMENTAL ECONOMICS</b>
Programme		Bachelor of Arts (B.A.)
Year / Semester		Third/Sixth
Type		Core Course
Total Credits		03
Total Contact Hours		60
Contact Hours per Week		05
Examination Duration		03 Hours
Max. Marks		CIA: 30      End Semester Exam: 120      Total: 150
Total Modules		05
Pedagogy		Lectures with interactive session.
Evaluation Method		Assignment, Two Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>		
<b>CO 1</b>	Understanding of the discipline of environmental economics	
<b>CO 2</b>	Understand and evaluate the global scale of environmental problems.	
<b>CO 3</b>	Understand ones roles, responsibilities in protecting environment.	
<b>CO 4</b>	To manage solid wastes and methods of recycling	
<b>CO 5</b>	Understand the linkage between Natural Environment and Human Economy and Environmental Degradation and Economic Development.	
<b>CO 6</b>	To become familiar with contemporary Environmental Problems.	

<b>COURSE</b>		<b>DETAILS</b>
Code		BASECE 131
Title		<b>MANPOWER ECONOMICS</b>
Programme		Bachelor of Arts (B.A.)
Year / Semester		First/First
Type		Elective Paper
Total Credits		01
Total Contact Hours		24
Contact Hours per Week		02
Examination Duration		02 Hours
Max. Marks		CIA :10      End Semester Exam: 40      Total : 50
Total Modules		03
Pedagogy		Lectures with interactive session.
Evaluation Method		Internal Assessment Exam, One End Semester Exam.
<b>COURSE OUTCOME</b>		
<b>CO 1</b>	Understand the knowledge of manpower economics.	
<b>CO 2</b>	Analysis the importance of manpower planning and human resource development.	



COURSE		DETAILS		
Code		BASECE 181		
Title		FISCAL ECONOMICS		
Programme		Bachelor of Arts (B.A.)		
Year / Semester		First/Second		
Type		Elective Paper		
Total Credits		01		
Total Contact Hours		24		
Contact Hours per Week		02		
Examination Duration		02 Hours		
Max. Marks		CIA:10	End Semester Exam: 40	Total: 50
Total Modules		03		
Pedagogy		Lectures with interactive session.		
Evaluation Method		Internal Assessment Exam, One End Semester Exam.		
COURSE OUTCOME				
CO 1	Enable the students to understand fundamental of public finance.			
CO 2	Understanding and analyzing the role and functions of the Government.			

COURSE		DETAILS		
Code		BASECE231		
Title		ECONOMICS OF INFRASTRUCTURE		
Programme		Bachelor of Arts(B.A.)		
Year / Semester		Second/Third		
Type		Elective Paper		
Total Credits		01		
Total Contact Hours		24		
Contact Hours per Week		02		
Examination Duration		02 Hours		
Max. Marks		CIA :10	End Semester Exam : 40	Total : 50
Total Modules		03		
Pedagogy		Lectures with interactive session.		
Evaluation Method		Internal Assessment Exam, One End Semester Exam.		
COURSE OUTCOME				
CO 1	Get a working knowledge of economics of infrastructure.			
CO 2	Get acquainted with measures and mechanisms to develop better quality of infrastructural services.			

<b>COURSE</b>		<b>DETAILS</b>		
Code		BASECE 281		
Title		<b>KARNATAKA ECONOMY</b>		
Programme		Bachelor of Arts (B.A.)		
Year / Semester		Second/Fourth		

Type	Elective Paper		
Total Credits	01		
Total Contact Hours	24		
Contact Hours per Week	02		
Examination Duration	02 Hours		
Max. Marks	CIA :10	End Semester Exam : 40	Total : 50
Total Modules	03		
Pedagogy	Lectures with interactive session.		
Evaluation Method	Internal Assessment Exam, One End Semester Exam.		
COURSE OUTCOME			
CO 1	Understand the nature of economic growth and problems of Karnataka state.		
CO 2	Understand the process of structural growth in Karnataka economy.		

## SOCIOLOGY

course	Details
Code	<b>BASSOC 131</b>
Title	Principles of Sociology
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Understand the emergence of Sociology. CO2. Know the foundations of Sociology. CO3. Understand the contributions of early sociologists. CO4. Impart critical thinking to interpret the social scenario. CO5. Understand the forces in the rise of sociological theory. CO6. Understand the concepts of early sociologists	

course	Details
Code	<b>BASSOC 181</b>
Title	Social Institutions and Social Change

Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Understand the nature of inequalities in the society CO2. Learn the dynamics of social groupings and discrimination CO3. Understand the ideologies behind social stratification and mobility. CO4. The modes of social improvement people use CO5. Assess the reservation policy and its implications. CO6. Learn the nature of social mobility	

<b>course</b>	<b>Details</b>
Code	<b>BASSOC 231</b>
Title	Study of Indian Society: Rural and Urban
Programme	Bachelor of Arts
Year/Semester	Second/Third
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05

pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Analyse rural and urban problems in India CO2. Knowledge of rural and urban governance. CO3. Skills to reconstruct rural institutions and rural development. CO4. Sociological understanding of society in India CO5. Basic concepts in rural and urban studies CO6. Development programmes to plan, monitor and evaluate. CO7. Understanding of the linkages between urban and rural reality	

course	Details
Code	<b>BASSOC 281</b>
Title	Social Problems in India
Programme	Bachelor of Arts
Year/Semester	Second/Fourth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Understand social issues and problems of contemporary India. CO2. Change agents - governmental and non-governmental organizations. CO3. Structural linkages and interrelationships of social issues. CO4. Emerging social issues and problems of contemporary India,	

CO5. Sociological understanding of issues and problems  
 CO6. Empower to deal with issues and problems  
 CO7. Better understanding of their own situation and region.

<b>course</b>	<b>Details</b>
Code	<b>BASSOC 331</b>
Title	Development of Sociological Thought
Programme	Bachelor of Arts
Year/Semester	Third/Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

CO1. Understand the emergence of Sociology.  
 CO2. Know the foundations of Sociology.  
 CO3. Understand the contributions of early sociologists.  
 CO4. Impart critical thinking  
 CO5. Inculcate analytical ability to interpret the social scenario.  
 CO6. Understand the forces in the rise of sociological theory.  
 CO7. Understand the concepts of early sociologists

<b>course</b>	<b>Details</b>
Code	<b>BASSOC 332</b>
Title	Basics of Social Research

Programme	Bachelor of Arts
Year/Semester	Third/Fifth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A : 30                      End Semester Exam : 120                      Total : 150
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Learn social research and the ways and means of studying social reality. CO2. Study of research methods and research techniques. CO3. Understand the Philosophical foundations of social research. CO4. Understanding of issues involved in social research. CO5. Exposure to the various research techniques and methods. CO6. Quantitative and qualitative strategies of research	

<b>course</b>	<b>Details</b>
Code	<b>BASSOC 381</b>
Title	Social Welfare in India
Programme	Bachelor of Arts
Year/Semester	Third/Sixth
Type	Group – 1 : Core course
Total Credits	3
Total Contact Hours	60
Contact Hours per week	6
Examination Duration	3

Max. Marks	I.A : 30 150	End Semester Exam : 120	Total :
Total Modules	05		
pedagogy	Chalk And Talk, Lecturer		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
CO1. Learn basic ideas of welfare programmes in India			
CO2. Understand the welfare programmes for different sections of people			
CO3. Sociological study of Other Backward Classes in India.			
CO4. Understand welfare of youth and women in India.			
CO5. Learn policy implications of welfare programmes.			
CO6. Assess the nature of social exclusion in India.			
CO7. Analyse positive discrimination and welfare measures.			

## **BASSOC 382**

CO1. Understand industry, labour, human relations and management,  
CO2. Trace problem situations in industrial organisation.  
CO3. Industrial organisation and personnel management.  
CO4. Sociology of industry and labour.  
CO5. Industrial organisation and sociological perspectives.  
CO6. Organisation aspect of work and workers in industrial organisation.  
CO7. Industrial society and sociological order.  
CO8. Bearing of society and industry on each other

## **BASSOC 383**

CO1. Ability to conceptualize, formulate and conduct research projects.  
CO2. Assess the research studies and findings.  
CO3. Skills for library work and documentation.  
CO4. Logical thinking and critical analysis.  
CO5. Favorable attitudes for the integration of research and theory.  
CO6. Field-work skills and experience.  
CO7. Writing skills, reference skills  
CO8. Techniques of data collections  
CO9. Methodologies in social analysis

<b>course</b>	<b>Details</b>
Code	<b>BASSOCE 132</b>



Title	Society in Coastal Karnataka		
Programme	Bachelor of Arts		
Year/Semester	First/First		
Type	Group II Elective courses		
Total Credits	1		
Total Contact Hours	20		
Contact Hours per week	2		
Examination Duration	1		
Max. Marks	I.A : 10	End Semester Exam : 40	Total : 50
Total Modules	03		
pedagogy	Chalk And Talk, Lecturer		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
CO1. Acquaint with the cultural items in Coastal Karnataka			
CO2. Understand and appreciate the culture of Coastal Karnataka			
CO3. Understand the unique practices and festivals in local culture			
CO4. Know the local economic life popular devotions and recreation			
CO5. Learn sociological analysis on the cultural richness			
CO6. Usefulness of sociological study in the contemporary society.			

<b>course</b>	<b>Details</b>		
Code	<b>BASSOCE 182</b>		
Title	Sociology of Sanitation		
Programme	Bachelor of Arts		
Year/Semester	First/Second		
Type	Group II Elective courses		
Total Credits	1		
Total Contact Hours	20		
Contact Hours per week	2		
Examination Duration	1		
Max. Marks	I.A : 10	End Semester Exam : 40	Total : 50
Total Modules	03		

pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Sensitize to health related social issues. CO2. Understand public health and social medicine. CO3. Aware of health and sanitation conditions in India CO4. Role of the Governments in the healthcare CO5. Make aware the health and sanitation conditions in India CO6. Social aspects of sanitation and social ordering CO7. Understand sanitation movement in India CO8. Know about Sulabh Movement in India	

course	Details
Code	<b>BASSOCE 232</b>
Title	Disaster and Social Crisis
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group II Elective courses
Total Credits	1
Total Contact Hours	20
Contact Hours per week	2
Examination Duration	1
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO1. Awareness regarding the natural disasters and disaster management. CO2. Understand India's disaster management policy. CO3. Basic concepts in social crisis and disaster	

CO4. Historical development of India's disaster management policy.

CO5. Causes for the natural disasters

CO6. Aware of the vulnerability in times of disasters.

CO7. Preparedness in times of disasters

CO8. Entrepreneur attitude in times of social crisis

course	Details		
Code	BASSOCE 283		
Title	Indian Society		
Programme	Bachelor of Arts		
Year/Semester	Second /Fourth		
Type	Group II Elective courses		
Total Credits	1		
Total Contact Hours	20		
Contact Hours per week	2		
Examination Duration	1		
Max. Marks	I.A : 10 50	End Semester Exam : 40	Total :
Total Modules	03		
pedagogy	Chalk And Talk, Lecturer		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
CO1. Understand the diversities in India.			
CO2. Understand theoretical perspectives to comprehend Indian Society.			
CO3. Understand the factors for unity in Indian Society;			
CO4. Know the major segments in society,			
CO5. Understand the continuities and changes taking place in Indian society;			
CO6. Better understanding of social situation in the given region.			

## JOURNALISM

Course	Details
Code	J 101
Title	Introduction to Mass Communication and Journalism
Programe	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1: Core course
Total Credits	3
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
Pedagogy	Chalk And Talk
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
CO1 Understand the emergence of Communication CO2 Know the foundations of Communication and Journalism CO3 Understand the contributions of early communication experts CO4 Understand the forces in the rise of Communication theory CO5 Understand the concepts of early communication and early media scenario. CO6 Understand the Radio, TV and Cinema as medium of communication CO7 Know the New Media society	

Course	Details
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Code	J 151
Title	Evolution of Media
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
Pedagogy	Chalk And Talk
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
CO1 Understand the media society in India CO2 Understand the interference Electronic Media in the Indian society CO4 Know the how much media is powerful CO5 Learn the how media can change the social life of the people CO6 Learn the how cinema can change the social, economic and cultural values of the society CO7 New trends in cinema industry.	

Course	Details
Code	J 201
Title	Reporting

Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
CO1 Understand the news desk of a newspaper CO2 Understand the reporting format for the print media CO4 Know the how to collect the news from different sources CO5 Learn the reporting for print, TV and new media CO6 Know the how investigative and development reports are important for print media CO7 Learn the interview techniques	

Course	Details
Code	J 251
Title	Editing
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	6
Examination Duration	3

Max. Marks	I.A: 30 150	End Semester Exam: 120	Total:
Total Modules	05		
pedagogy	Chalk And Talk		
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam		
CO1 Understand the newsroom set-up of the newspaper CO2 Understand the editing format for all media CO3 Know the techniques of headline writing CO4 Learn the editorial write up and letters to the editor write up skill.			

Course	Details		
Code	J 301		
Title	Feature Writing		
Programme	Bachelor of Arts		
Year/Semester	Third /Fifth		
Type	Group – 1: Core course		
Total Credits	03		
Total Contact Hours	70		
Contact Hours per week	5		
Examination Duration	3		
Max. Marks	I.A: 30 150	End Semester Exam: 120	Total:
Total Modules	05		
pedagogy	Chalk And Talk		
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam		
CO1 Understand the difference between news and feature writing			
CO2 Understand the types of features			
CO3 Understand the columns and types of columns			
CO4 Know the techniques of photography			

Course	Details
Code	J 302
Title	Advertising
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	5
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
<p>Co1 Understand the difference between news and feature writing</p> <p>CO2 Understand the types of features</p> <p>CO3 Understand the columns and types of columns</p> <p>CO4 Know the techniques of photography</p> <p>CO5 Learn the different types of writing techniques and review writing</p>	

Course	Details
Code	J 351
Title	Public Relations
Programme	Bachelor of Arts



Year/Semester	Third /Sixth
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	5
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
pedagogy	Chalk And Talk
Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
CO1 Understand the Public relations process CO2 Understand the how propaganda can be influence in the society CO3 Understand the tools of Public relations CO4 Know the technicalities of Public relations CO5 Learn the importance of Public relations in the society	

Course	Details
Code	J 352
Title	Media Law and Management
Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1: Core course
Total Credits	03
Total Contact Hours	70
Contact Hours per week	5
Examination Duration	3
Max. Marks	I.A: 30                      End Semester Exam: 120                      Total: 150
Total Modules	05
Pedagogy	Chalk And Talk

Evaluation Method	Assignment, Internal Assessment Exam, Semester exam
CO1 Understand the process of Law	
CO2 Understand the how media person should be careful while dealing with the public	
CO3 Understand the different laws comes under the media	
CO4 Know the different organizational structure of the media industry	
CO5 Learn the importance of law in the society	

### GEOGRAPHY

course	Details
Code	<b>BASENC 131</b>
Title	Physical Geography
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	2
Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1: Understand the effect of rotation of revolution the Earth. CO 2: Know the internal and interior structure of the earth. CO 3: Study the formation of Rocks. CO 4: Understand the work of internal and external forces and their associated landforms.	

CO 5: Understand the types of winds and composition of atmosphere. Atmospheric pressure of pressure of belts.

course	Details
Code	BASGEP 132
Title	Maps & Scale, Representation of Relief Features & Meteorological Instruments
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	1
Total Contact Hours	36
Contact Hours per week	3
Examination Duration	3
Max. Marks	I.A : 10      End Semester Exam : 40      Total : 50
Total Modules	03
pedagogy	Carried out practical experiments using equipment
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>CO 1: Development the skills of map making and its importance.</p> <p>CO 2: Understand the relief features.</p> <p>CO 3:To know how to draw counters map and relief features.</p> <p>CO 4: Understanding the functions of metrological instruments.</p>	

course	Details
Code	BASGEC 181
Title	Human Geography
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	2

Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O 1 Studies of races of man kinds.  
C.O 2 Understand the relationship of man and environment  
C.O 3 Understanding the cultural diversity through theories.  
C.O 4 Evaluate the cultural realms and population composition.

<b>course</b>	<b>Details</b>
Code	BASGEP 182
Title	Map Projection - Part-I
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	1
Total Contact Hours	36
Contact Hours per week	3
Examination Duration	3
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Carried out practical experiments using equipment
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam

C.O 1 Understand the map projection.  
C.O 2 Development of the skill to draw projection.  
C.O 3 Understand the shape and size of the earth.  
C.O4 Understand the concept of longitudes and latitudes.

<b>course</b>	<b>Details</b>
Code	BASGEC 231
Title	Regional Geography of the World
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1 : Core course
Total Credits	2
Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<p>C.O 1 Understand the location physio-graph drainage climate and vegetation of the World.</p> <p>C.O 2 To know the silent feature problem and prospect of developed and developing countries.</p> <p>C.O 3 Evaluate the natural resources and its importance.</p> <p>C.O 4 Understand how transportation is important and its uses.</p> <p>C.O 5 Understand the human resources development and its distribution.</p>	

<b>course</b>	<b>Details</b>
Code	<b>BASGEP 232</b>
Title	Map Projection - Part-II
Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1 : Core course
Total Credits	1
Total Contact Hours	36
Contact Hours per week	3
Examination Duration	3
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50

Total Modules	03
pedagogy	Carried out practical experiments using equipment
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Understand the map projection and its uses. C.O 2 Development of skill to draw polar area with different projection. C.O 3 Understand the conventional projections C.O 4 Understand the uses of surveying and its importance.	

course	Details
Code	<b>BASGEC 281</b>
Title	Geography of India
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – 1 : Core course
Total Credits	2
Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1: Understand the geographical background and natural resources. CO 2: Understand the irrigation and the agricultural development in India. CO 3: Evaluate the importance of natural resources CO 4: Evaluate the transportation and population distribution in India.	

course	Details
Code	BASGEP 282

Title	Cartograms & Distribution Maps		
Programme	Bachelor of Arts		
Year/Semester	Second /Fourth		
Type	Group – 1 : Core course		
Total Credits	1		
Total Contact Hours	36		
Contact Hours per week	3		
Examination Duration	3		
Max. Marks	I.A : 10 50	End Semester Exam : 40	Total :
Total Modules	03		
pedagogy	Carried out practical experiments using equipment		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
CO: 1 Understand the significance and uses of cartograms.			
CO: Understand the uses of graphs and its types.			
CO: 3 Evaluate how to show the distribution of maps.			
CO 4: Understand the maps and its importance.			

<b>course</b>	<b>Details</b>		
Code	<b>BASGEC 331</b>		
Title	Economic Geography of the World		
Programme	Bachelor of Arts		
Year/Semester	Third/Fifth		
Type	Group – 1 : Core course		
Total Credits	2		
Total Contact Hours	48		
Contact Hours per week	4		
Examination Duration	3		
Max. Marks	I.A : 20 100	End Semester Exam : 80	Total :
Total Modules	05		

pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Understand the economy of the World. C.O 2 Evaluate the concept and importance of resources. C.O 3 Understand the agricultural and allied activities. C.O 4 Evaluate the factors effecting for the development of industries. C.O 5 Understand the importance of transportation.	

course	Details
Code	BASGEC 332
Title	Settlements Geography
Programme	Bachelor of Arts
Year/Semester	Third/Fifth
Type	Group – 1 : Core course
Total Credits	2
Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Understand the settlements and its shape. C.O 2 Understand the housing and its types. C.O 3 Evaluate the urban settlement and theories. C.O 4 Understand the functional classifications of urban settlements.	

course	Details
Code	BASGEP 335



Title	Interpretation of Topographical Maps & Indian Daily Weather Report		
Programme	Bachelor of Arts		
Year/Semester	Third/Fifth		
Type	Group – 1 : Core course		
Total Credits	1		
Total Contact Hours	36		
Contact Hours per week	3		
Examination Duration	3		
Max. Marks	I.A : 10	End Semester Exam : 40	Total :
	50		
Total Modules	03		
Pedagogy	Carried out practical experiments using equipment		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
C.O 1 Understand skill of drawing topographical maps.			
C.O 2 Understand the conventional symbols.			
C.O 3 Learning the interpretation of the topographical maps.			
C.O 4 Understand the symbols of weather maps.			

<b>course</b>	<b>Details</b>		
Code	BASGEC 381		
Title	Environmental Geography		
Programme	Bachelor of Arts		
Year/Semester	Third/sixth		
Type	Group – 1 : Core course		
Total Credits	2		
Total Contact Hours	48		
Contact Hours per week	4		
Examination Duration	3		
Max. Marks	I.A : 20 100	End Semester Exam : 80	Total :
Total Modules	05		
pedagogy	Chalk And Talk, Lecturer		

Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1: Understand the components of environment. CO 2: Evaluate the functions of ecosystem. CO 3: Know causes and effects of pollution. CO 4: Understand how man induced changes in environment. CO 5: Understand how to conservation and management of environment.	

course	Details
Code	BASGEC 382
Title	Regional Geography of Karnataka
Programme	Bachelor of Arts
Year/Semester	Third/sixth
Type	Group – 1 : Core course
Total Credits	2
Total Contact Hours	48
Contact Hours per week	4
Examination Duration	3
Max. Marks	I.A : 20                      End Semester Exam : 80                      Total : 100
Total Modules	05
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
CO 1: Understand the physical setting of Karnataka state. CO 2: Evaluate the major river valley projects. CO 3: Understand the major agricultural regions in Karnataka. CO 4: Understand the minerals and industries in Karnataka. CO 5: Evaluate the population and transportation in Karnataka state.	

course	Details
Code	BASGEP 384
Title	Fundamentals of GIS, GPS and Remote Sensing

Programme	Bachelor of Arts
Year/Semester	Third/Sixth
Type	Group – 1 : Core course
Total Credits	1
Total Contact Hours	36
Contact Hours per week	3
Examination Duration	3
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Carried out practical experiments using equipment
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Comprehend the GIS and its types. C.O 2 Understand spatial data structure and management. C.O 3 Develop the skill to draw maps. C.O 4 Understand GPS and its components. C.O 5 Comprehend the interpretation of remote sensing data.	

<b>course</b>	<b>Details</b>
Code	BASGEP 385
Title	Field Techniques & Survey Based Project Report
Programme	Bachelor of Arts
Year/Semester	Third/Sixth
Type	Group – 1 : Core course
Total Credits	1
Total Contact Hours	36
Contact Hours per week	3
Examination Duration	3
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	03
pedagogy	Chalk And Talk, Lecturer

Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Comprehend how geographical survey and field work have to do. C.O 2 Understand and identifying case study for the survey. C.O 3 Evaluate and find selection of the appropriate technique and observation. C.O 4 Understand how to prepare questionnaires for field work. C.O 5 Understand how to design field report.	

course	Details
Code	BASGECE 133
Title	Introduction to Physical Geography
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – II : Eletive course
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	04
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
C.O 1 Learning the Physical Geography and Solar System. C.O 2 Understand the composition and types of rocks. C.O 3 Comprehend the weather phenomena and denudation work. C.O 4 Understand the hydrosphere in detail.	

course	Details
Code	BASGECE 183
Title	Regional Geography of the World
Programme	Bachelor of Arts
Year/Semester	First/Second

Type	Group – II : Elective course		
Total Credits	1		
Total Contact Hours	24		
Contact Hours per week	2		
Examination Duration	2		
Max. Marks	I.A : 10 50	End Semester Exam : 40	Total :
Total Modules	04		
pedagogy	Chalk And Talk, Lecturer		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		
C.O 1 Understand the political division of the World.			
C.O 2 Learning the natural regions of the world.			
C.O 3 Understand the economic activities of the World.			
C.O 4 Evaluate the population pattern and distribution.			

course	Details		
Code	<b>BASGECE 233</b>		
Title	Introduction to Human Geography		
Programme	Bachelor of Arts		
Year/Semester	Second /Third		
Type	Group – II : Elective course		
Total Credits	1		
Total Contact Hours	24		
Contact Hours per week	2		
Examination Duration	2		
Max. Marks	I.A : 10 50	End Semester Exam : 40	Total :
Total Modules	04		
pedagogy	Chalk And Talk, Lecturer		
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam		

- C.O 1 Understand the human geography and its development.
- C.O 2 Learning the man and environmental relationship.
- C.O 3 Understand the cultural diversity through theories.
- C.O 4 Evaluate the cultural realms and population composition.

course	Details
Code	BASGEOE 283
Title	Regional Geography of India
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – II : Elective course
Total Credits	1
Total Contact Hours	24
Contact Hours per week	2
Examination Duration	2
Max. Marks	I.A : 10                      End Semester Exam : 40                      Total : 50
Total Modules	04
pedagogy	Chalk And Talk, Lecturer
Evaluation Method	Assignment, Internal Assessment Exam, one end semester exam
<ul style="list-style-type: none"> <li>C.O 1 Understand the location and physical features of India.</li> <li>C.O 2 Understand the diversity of population and distribution.</li> <li>C.O 3 Evaluate the economy and agricultural development in India.</li> <li>C.O 4 Learning the industrial development of India.</li> </ul>	

## TOURISM

Course	Details
Code	BASTMV 131 & BASTMV 132
Title	BASTMV 131- Tourism Concepts BASTMV 132- Tourism Products-I
Programme	Bachelor of Arts
Year/Semester	First/First
Type	Group – 1 : Core course
Total Credits	BASTMV131-02     BASTMV 132-01
Total Contact Hours	BASTMV 131-48 Hrs     BASTMV 132-24 Hrs
Contact Hours per week	BASTMV 131-04 Hrs     BASTMV 132-02 Hrs
Examination Duration	BASTMV 131-03 Hrs     BASTMV 132-02 Hrs
Max. Marks	BASTMV 131             CIA: 20             End Semester Exam :80 BASTMV 132             CIA: 10             End Semester Exam: 40 Total : 150
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment, Internal Assessment Exam, Seminar Presentation, End Semester Exam.
<b>EXPECTED OUTCOME</b> <b>CO1</b> Understand the concepts and principles of tourism industry. <b>CO2</b> Know the tourism products and resources in India. <b>CO3</b> Understand the fundamental concepts of tourism. <b>CO4</b> Know the cultural diversity and rich heritage of India. <b>CO5</b> Understand the potentialities of tourism in India. <b>CO6</b> Identify the opportunities in the travel market.	

Course	Details
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Code	BASTMV 181 & BASTMV 182
Title	BASTMV 181-Tourism Management BASTMV 182-Tourism Products-II
Programme	Bachelor of Arts
Year/Semester	First/Second
Type	Group – 1 : Core course
Total Credits	BASTMV181-02     BASTMV 182-01
Total Contact Hours	BASTMV 181-48 Hrs     BASTMV 182-24 Hrs
Contact Hours per week	BASTMV 181-04 Hrs     BASTMV 182-02 Hrs
Examination Duration	BASTMV 181-03 Hrs     BASTMV 182-02 Hrs
Max. Marks	BASTMV 181     CIA: 20     End Semester Exam :80 BASTMV 182     CIA: 10     End Semester Exam: 40 Total : 150
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment, Internal Assessment Exam, Seminar Presentation, End Semester Exam.
<b>EXPECTED OUTCOME</b> <b>CO1</b> Understand the Concepts and principles of Management. <b>CO2</b> Identify the various components of Management. <b>CO4</b> Know how much tourism industry is important to the economic development. <b>CO5</b> Understand the tourism resources of the country. <b>CO6</b> New trends in tourism industry.	

Course	Details
Code	BASTMV 231 & BASTMV 232
Title	BASTMV 231- TRAVEL AGENCY & TOUR OPERATIONS BASTMV 232-TOURISM MARKETING



Programme	Bachelor of Arts
Year/Semester	Second /Third
Type	Group – 1 : Core course
Total Credits	BASTMV231-02      BASTMV 232-01
Total Contact Hours	BASTMV 231-48 Hrs    BASTMV 232-24 Hrs
Contact Hours per week	BASTMV 231-04 Hrs      BASTMV 232-02 Hrs
Examination Duration	BASTMV 231-03 Hrs      BASTMV 232-02 Hrs
Max. Marks	BASTMV 231      CIA: 20              End Semester Exam :80 BASTMV 232      CIA: 10              End Semester Exam: 40 Total : 150
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment, Internal Assessment Exam, Seminar Presentation, End Semester Exam.

### **EXPECTED OUTCOME**

**CO1** Understand the role of travel agency and tour operation business.

**CO2** Understand the functions of travel agents.

**CO3** Know how to prepare the tour itinerary and tour packages.

**CO4** Learn the concepts of tourism marketing.

**CO5** Know the role of marketing in the promotion and development of tourism industry.

<b>Course</b>	<b>Details</b>
Code	BASTMV 281 & BASTMV 282
Title	BASTMV 281- HOSPITALITY MANAGEMENT BASTMV 282-TOURISM PLANNING & DEVELOPMENT
Programme	Bachelor of Arts
Year/Semester	Second /Fourth
Type	Group – 1 : Core course

Total Credits	BASTMV281-02    BASTMV 282-01
Total Contact Hours	BASTMV 281-48 Hrs    BASTMV 282-24 Hrs
Contact    Hours    per week	BASTMV 281-04 Hrs    BASTMV 282-02 Hrs
Examination Duration	BASTMV 281-03 Hrs    BASTMV 282-02 Hrs
Max. Marks	BASTMV 281            CIA: 20            End Semester Exam :80 BASTMV 282            CIA: 10            End Semester Exam: 40 Total : 150
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment, Internal Assessment Exam, Seminar Presentation, End Semester Exam.
<b>EXPECTED OUTCOME</b> <b>CO1</b> Understand the essentials of Hospitality industry. <b>CO2</b> To familiarise with resort and hotel management. <b>CO3</b> To understand the theoretical framework of destination planning. <b>CO4</b> To analyse sustainable tourism practices as the best way of overcoming the negative impacts of tourism development.	

Course	Details
Code	BASTMV 331 & BASTMV 332
Title	BASTMV 331-TRANSPORTATION MANAGEMENT BASTMV 332-TOURISM GEOGRAPHY
Programme	Bachelor of Arts
Year/Semester	Third /Fifth
Type	Group – 1 : Core course

Total Credits	BASTMV331-03     BASTMV 332-03
Total Contact Hours	BASTMV 331-72 Hrs     BASTMV 332-72 Hrs
Contact    Hours    per week	BASTMV 331-06 Hrs     BASTMV 332-06 Hrs
Examination Duration	BASTMV 331-03 Hrs     BASTMV 332-03 Hrs
Max. Marks	BASTMV 331                    CIA: 30                    End Semester Exam :120 BASTMV 332                    CIA: 30                    End Semester Exam: 120 Total : 150 Each
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment,    Internal Assessment Exam, Seminar Presentation, End Semester Exam.

### **EXPECTED OUTCOME**

**CO1** To introduce the major components of tourism to the students.

**CO2** To familiarise the concept of Transport and Accommodation and its linkages to the tourism industry.

**CO3** To understand the spatial geography of the world in order to better acquainted with global perspectives of the tourism.

**CO4** To give an insight into various holiday destinations and develop their role as travel professional.

<b>Course</b>	<b>Details</b>
Code	BASTMV 381 & BASTMV 382
Title	BASTMV 381-AIRLINE & AIRPORT MANAGEMENT BASTMV 382-HUMAN RESOURCE MANAGEMENT
Programme	Bachelor of Arts
Year/Semester	Third /Sixth
Type	Group – 1 : Core course
Total Credits	BASTMV381-03     BASTMV 382-03
Total Contact Hours	BASTMV 381-72 Hrs     BASTMV 382-72 Hrs

Contact Hours per week	BASTMV 381-06 Hrs      BASTMV 382-06 Hrs
Examination Duration	BASTMV 381-03 Hrs      BASTMV 382-03 Hrs
Max. Marks	<div>BASTMV 381      CIA: 30      End Semester Exam :120</div> <div>BASTMV 382      CIA: 30      End Semester Exam: 120</div> <div>Total : 150 Each</div>
Pedagogy	Chalk And Talk, Lecture cum discussions
Evaluation Method	Assignment, Internal Assessment Exam, Seminar Presentation, End Semester Exam.
<b>EXPECTED OUTCOME</b> <b>CO1</b> Understand the Airline and Airport Operations Management. <b>CO2</b> Understand the various rules, regulations, procedures and documentation in Air traffic. <b>CO3</b> Understand the concept of Human Resource Management. <b>CO4</b> Know the role and functions of HR Manager.	

Course	Details
Code	BASCIF131
Title	<b>Constitution of India.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First / First
Type	Group III –Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	06
Pedagogy	Debate, Group Discussions, viva-voce.
Evaluation Method	2 Internal Examinations/ viva-voce/Assignment, One end semester examination
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Acquire a complete and detailed understanding on Constitution of India.</li> <li>• Elicit the knowledge on Constitutional issues.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to: <b>CO 1:</b> Understand the structure and principles of the constitution. <b>CO 2:</b> Generate awareness on Fundamental Rights and Fundamental Duties.	

**CO 3:** Enrich the Knowledge on Constitutional functionaries of the state.  
**CO 4:** Understand the Organization and structure of Central/State government.  
**CO 5:** Develop insight on the Role of Judiciary in India.

Course	Details
Code	BASHRF181
Title	<b>Human Rights</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	First/ Second
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	05
Pedagogy	Lectures with Interactive Sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / Assignment/ Viva-voce, one end semester examination
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Acquire awareness on Human Rights Issues and Concerns.</li> <li>• Enhance citizenship sensitivity and Initiatives.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course the students will be able to: <b>CO 1:</b> Enrich their knowledge on Human Rights and Human Values. <b>CO 2:</b> Understand the concept of Human Rights. <b>CO 3:</b> Promote and protect Human Rights in India. <b>CO 4:</b> Focus on issues and concerns in Human Rights. <b>CO 5:</b> Equip themselves with international concerns on Human Rights.	

Course	Details
Code	BASGEF231
Title	<b>Gender Equity.</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Third
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	04
Pedagogy	Lectures with interactive sessions, Debate, Group Discussions, Viva-voce, Assignment, PPT.
Evaluation Method	2 Internal Assessment Examinations and VIVA-VOCE/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Understand the Basic concepts of Gender Equity.</li> <li>• Generate awareness on Gender Discrimination and Violence.</li> <li>• Contribution towards women Empowerment.</li> </ul>	

**Expected Learning Outcomes:**

Upon the completion of this course the students will be able to

**CO 1:** Enrich their knowledge on basic Concept of Gender Equity.

**CO 2:** Generate awareness on Gender Discrimination and Gender violence.

**CO 3:** Acquire knowledge on Constitutional Rights and protective Legislations for women.

**CO 4:** Gain knowledge on Measures adopted / Implemented for Gender Empowerment.

Course	Details
Code	BASESF281
Title	<b>Environmental Studies</b>
Programme	Bachelor of Science (B.Sc.)
Year/Semester	Second /Fourth
Type	Group III – Elective Foundation Course
Total Credits	01
Total Contact Hours	28 Hours
Contact Hour per Week	02 Hours
Examination Duration	02 Hours
Max. Marks	CIA : 10 End Semester Exam : 40 Total : 50
Total Modules	04
Pedagogy	Lectures with Interactive sessions, Debate, Group Discussions, PPT
Evaluation Method	2 Internal Examinations / viva-voce/ Assignment, one end semester examination.
<b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>• Understand the Environmental studies.</li> <li>• Gain awareness on Environmental pollution.</li> <li>• Apply their knowledge in conservation and management of Natural Resources.</li> </ul>	
<b>Expected Learning Outcomes:</b> <p>Upon the completion of this course the students will be able to</p> <p><b>CO 1:</b> Enrich their knowledge on Environment.</p> <p><b>CO 2:</b> Generate Awareness on Environment pollutions.</p> <p><b>CO 3:</b> Provide knowledge on Resource conservation.</p> <p><b>CO 4:</b> Provide knowledge on legislative measures for Environment pollution.</p>	

# UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

Office of the Principal,  
U.P. Malya Road, Hampanakatta  
Mangalore 575 001



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**M.COM.** (Dept. of Studies and Research in  
Commerce)

[POs, PSO's, Cos]

**CBCS (CHOICE BASED CREDIT SYSTEM)**

( From 2019-20 Batch onwards)

DEPARTMENT OF COMMERCE

## Programme Outcomes

After Completing Masters in Commerce students are able to:

<b>PO 1</b>	Develop Intellectual Skills. With this type of learning outcome, the learner will understand concepts, rules or procedures in the commerce related fields.
<b>PO 2</b>	Develop Communication Skills: Ability to communicate ideas effectively in both written and oral formats develops communicate business analysis in a clean, effective and appreciate manner.
<b>PO 3</b>	Evolve Critical Thinking: Develop the ability to completely evaluate new ideas, research findings in evaluation to business and commerce related issues.
<b>PO 4</b>	Experience Team Building Spirit: demonstrate the skills and recognise the benefits of working collaboratively
<b>PO 5</b>	Demonstrate Managerial Skills: Ability to complete knowledge into performance makes business decision through capability to interact and motivate and understand concept, develop ideas and implement strategies.
<b>PO 6</b>	Become Global Citizen: Evolve into a global citizen who understands the duties for the welfare of our society and country
<b>PO 7</b>	Understand Social Responsibility: Recognize and understand the ethical and moral responsibility of the individuals and organization in society
<b>PO 8</b>	To Prepare themselves to be Employed: Prepare students for employment in various fields like Chartered Accountancy, company secretary, banking sector, business management etc.
<b>PO 9</b>	Inculcate Ethics and Values: Recognise and consider the ethics of choices and actions. Preparing to withstand the social influences on one's ethical identity

## Programme Specific Outcomes (PSOs):

Upon successful completion of MCOM Programme, the graduates will be able to :

<b>PSO 1</b>	Think Critically and develop professionally
<b>PSO 2</b>	Solve problems and capable to suggest measures
<b>PSO 3</b>	To perform the knowledge dissemination through the effective oral/ verbal communication, report writing and presentations



<b>PSO 4</b>	The students should possess the knowledge, skills and attitudes during the end of the M.com degree course
<b>PSO 5</b>	By virtue of the training and curriculum, they can become Managers, Accountants, Cost Accountants, Bank Managers, Auditors, Company Secretaries, Teachers, Professors, Stock Agents, take up Government jobs etc.,
<b>PSO 6</b>	Understand the concept of research through Dissertation, as a subject, offered to them helpful to pursue doctoral studies for knowledge enhancement and career advancement.
<b>PSO 7</b>	To instil confidence to face the challenges after completing the program and ready to take any assignments in order to get initial break through.

<b>Course</b>	<b>Details</b>
Code	CMS 401
Title	MANAGEMENT THEORY AND PRACTICE
Programme	MCOM
Year / Semester	First / First
Type	Soft Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03 HRS
Max. Marks	CIA : 30    End Semester Exam : 70                      Total : 100
Total Modules	05
Pedagogy	Lecture, PPT presentations, Short Case Study Analysis, Group discussion, Seminars and quiz





Year / Semester	First / First		
Type	Hard Core		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination Duration	03 HOURS		
Max. Marks	CIA : 30	End Semester Exam : 70	Total : 100
Total Modules	05		
Pedagogy	Lecture, chalk and talk, PPT presentations, Case Study Analysis, Group		
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks,		
<b>Learning Objectives:</b>			
To provide an understanding of management science techniques used for managerial decision making.			
<b>Expected Learning Outcomes:</b>			
Upon the completion of this course, the students will be able to:			
<b>Co 1.</b> Enables the students to get exposure to the basic concepts and theories and the application of various management science techniques in making business problems			

Course	Details		
Code	CMH 406		
Title	<b>Advanced Financial Accounting</b>		
Programme	Master of Commerce (M.Com.)		
Year / Semester	First / First		
Type	Hard Core		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination	03 HOURS		
Max. Marks	CIA : 30	End Semester Exam : 70	Total : 100
Total Modules	05		
Pedagogy	Lecture with practical problems being worked out, chalk and talk, Case Study Analysis, Analysis of Annual Report of the companies, Assignments and Seminars		
Evaluation Method	Average of Two Internal Assessment Examinations Plus marks of Assignment, Quiz and		

**Learning Objectives:** To enable the students to apply the methods of accounting as per different Indian Accounting Standards and also familiarize them with International financial reporting standards.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be provided with:

Co 1. Rigorous base for conducting research in the field financial accounting.

## Co 2. Advanced knowledge & skills required for the preparation of accounts of companies

<b>Course</b>	<b>Details</b>
Code	CME451
Title	PERSONALITY DEVELOPMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	First / Second
Type	Open Elective
Total Credits	04
Total Contact	60
Contact Hours per	04
Examination	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	
Pedagogy	Lecture, PPT presentations, Case Study Analysis, Group discussion, Product Launch Business Activities and Seminars
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks

## Learning Objectives :

To introduce the concepts of Entrepreneurship and to familiarize the students on opportunities and challenges faced by entrepreneurs in India

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Groom their personality and prove themselves as good Samaritans of the Society. This course consists of individual

or in-group class presentations pertaining to the applications of concepts, theories or issues in Human Resource Development

Course	Details
Code	CMS 452

Title	Entrepreneurship Development		
Programme	Master of Commerce (M.Com.)		
Year / Semester	First / Second		
Type	Soft Core		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination Duration	03 HOURS		
Max. Marks	CIA : 30	End Semester Exam : 70	Total : 100
Total Modules	05		
Pedagogy	Lecture, PPT presentations, Case Study Analysis, Group discussion, Product Development, Seminars and presentations		
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks		
<b>Learning Objectives:</b>			
To introduce the concepts of Entrepreneurship and to familiarize the students on opportunities and challenges faced by entrepreneurs in India			
<b>Expected Learning Outcomes:</b>			
Upon the completion of this course, the students will be able to :			
<b>CO 1.</b> Get an insight into institutional support to entrepreneurs and also in and out of Project Management.			

Course	Details
Code	CMS 453
Title	<b>Strategic Marketing Management</b>
Programme	Master of Commerce (M.Com.)
Year / Semester	First / Second
Type	Soft Core
Total Credits	04
Total Contact Hours	60



Course	Details
Code	CMH455
Title	BUSINESS RESEARCH METHODS
Programme	Master of Commerce(M.Com.)
Year / Semester	First / Second
Type	Hard Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	05
Pedagogy	Lectures with interactive sessions, chalk and talk, Use of PPT Presentations, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks
<b>Learning Objectives:</b>  To enhance the knowledge and skill related to conduct of research related to business and familiarize the technicalities of executing a research assignment.	
<b>Expected Learning Outcomes:</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Enable the students to understand the techniques of doing research in the field of business.  <b>CO 2.</b> Equip the students with skills of conducting business research.	



Course	Details
Code	CMH 456
Title	<b>International Business</b>
Programme	Master of Commerce (M.Com.)
Year / Semester	First / Second
Type	Hard Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	06
Pedagogy	Lectures, PPT Presentations, Group Discussions, Business Analysis, Seminars
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination.

**Learning Objectives :**

1. Familiarize the students with functions and practice of International Business.
2. Enable those to get global perspective on issues related to EDI (Electronic Data Interchange), Forex market and globalization.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Expose students to various concepts & business models of business, industry & commerce.

**CO 2.** Familiarize the students with political, social, economic, legal & technological environment of international business.

**CO 3.** Provide an understanding of the basic principles of advanced cost accounting and equip the students with the skills of application of cost accounting concepts.

Course	Details
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Code	CME 501
Title	PERSONAL SAVINGS AND INVESTMENT MANAGEMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Third
Type	Open Elective
Total Credits	04
Total Contact	06
Contact Hours per	04
Examination	
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	
Pedagogy	Lectures with solving problems, PPT Presentations, Group Discussions, and Seminars
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination.
<b>Learning Objectives:</b>  1. Familiarize the students with the importance of personal savings 2. Enable them to get acquainted with the avenues of investments, investment portfolio and managing risk of investment	
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Understand the various avenues of Personal Savings and Investment and its Management.	

Course	Details
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Code	CMH 502
Title	<b>Artificial and Business Intelligence</b>
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Third
Type	Hard Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	05
Pedagogy	Lectures with interactive sessions, Use of PPT during Presentations, Group Discussions, Seminars and Presentations, innovative research-based assignments.
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks  Moreover, one end semester examination.
<b>Learning Objectives:</b>  To familiarize the students with the concepts of Artificial Intelligence and importance of cognitive science in developing Artificial Intelligence, significance of knowledge management and the meaning and importance of business intelligence.	
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to:  <b>CO 1.</b> Familiarize themselves with artificial and business intelligence and its applications.	

Course	Details
Code	CMH 503

Title	<b>Business Ethics and Corporate Social Responsibility</b>		
Programme	Master of Commerce (M.Com.)		
Year / Semester	Second / Third		
Type	Hard Core		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination Duration	03 HOURS		
Max. Marks	CIA : 30	End Semester Exam : 70	Total : 100
Total Modules	06		
Pedagogy	Lecture Presentation through PPT , Group Discussions, Seminars and case study Discussions		
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination		

**Learning Objectives :**

To make the students acquire knowledge of ethical issues in business as regard social responsibility and corporate governance practices.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1.** Understand of various aspects of business ethics and able to distinguish between ethical and unethical practices

**CO2.** Understand the importance of corporate social responsibilities.

**CO 2.** Provides an understanding of the various areas of rigorous research in the field CSR.

Course	Details		
Code	CMH 504		
Title	<b>E-Commerce</b>		
Programme	Master of Commerce (M.Com.)		
Year / Semester	Second / Third		
Type	Hard Core		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination Duration	03 HOURS		
Max. Marks	CIA :30	End Semester Exam : 70	Total : 100
Total Modules	06		
Pedagogy	Lectures with interactive sessions, Use of PPT for Presentations, Group Discussions, Case Analysis, Seminars and Presentations, innovative research based assignment on selling a product online (Product Launch, designing of Advertisements etc).		
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination		

**Learning Objectives :**

To identify various strategies and advanced concepts of web-based commerce.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.**Know the E-Commerce framework and familiarizes with ecommerce and World Wide Web& the applications of Electronic Data Interchange (EDI).

Course	Details
Code	CMS 505
Title	INDIAN ACCOUNTING STANDARDS AND PRACTICE
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Third
Type	Soft Core
Total Credits	04
Total Contact	60
Contact Hours per	04
Examination	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	06
Pedagogy	Lecture with practical problems being worked out, PPT presentations, Case Study Analysis, Analysis of Annual Report of the companies, Seminars and presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination
<b>Learning Objectives :</b>  To familiarize and acquaint the students the recent developments in Indian Accounting Standards and various financial reporting practices in India.	

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.**Familiarize the accounting standards and their applications in the field business, commerce & industry

Course	Details
Code	CMS506 Optional (FMAIS)
Title	CAPITAL MARKET OPERATIONS
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Third
Type	Soft Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	05
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Brainstorming, Case Analysis, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination

**Learning Objectives :**

To acquaint the students with the various concepts of Investment Management and to facilitate them to understand various issues of capital market in India.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.**Have an insight into various invest concepts, types, features and functions of capital market.

Course	Details
Code	CMS509: Optional (BAIM)
Title	TRENDS IN INDIAN BANKING

Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft Core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination	03 HOURS
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	06
Pedagogy	Lectures with interactive sessions, Use of PPT for Presentations, Group Discussions, Brainstorming, Case Analysis, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination
<b>Learning Objectives :</b>  To acquaint the students with the current prevailing situation of Indian Banking and also challenges faced by the Banks during Merger.	
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Enrich students with the knowledge of functioning of banks and helps them realize the role of banks.	

Course	Details
Code	Optional (BAIM): CM 510
Title	MANAGEMENT OF LIFE INSURANCE
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth



Type	Optional (BAIM)		
Total Credits	04		
Total Contact Hours	60		
Contact Hours per Week	04		
Examination Duration	03		
Max. Marks	CIA : 30	End Semester Exam : 70	Total : 100
Total Modules	06		
Pedagogy	Lecturers, PPT Presentations, Group Discussions and cases related to Claim Settlement		
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks Moreover, one end semester examination		
<b>Learning Objectives :</b>  To acquaint the students with the knowledge of the importance of Life insurance, to prepare them to understand the skill to run Actuarial business			
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Equip with the fundamental, conceptual knowledge and analytical skills to deal with the problems of the life insurance business as regard claim settlement.			

Course	Details
Code	CMS 511
Title	OPTIONAL (TAX): DIRECT TAXES
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft Core

Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA : 30                      End Semester Exam : 70                      Total : 100
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks
<b>Learning Objectives:</b>  To acquaint the students with the knowledge of Direct Taxes, tax planning and to train them as regard filing of Income Tax Returns	
<b>Expected Learning Outcomes:</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Understand the basic concepts in direct taxes and helps them to apply the various provisions.	

Course	Details
Code	CMS551
Title	RETAIL MANAGEMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft core
Total Credits	4
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03

Max. Marks	CIA : 30 Total : 100	End Semester Exam : 70
Total Modules		
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations	
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks	
<b>Learning Objectives:</b> The course aims at providing students with an understanding of structure, organizations, operation and current trends in Indian retail sector. And also provides knowledge about retail marketing and legal compliances.		
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Helps the students develop analytical skills to identify retail business opportunities and conditions for access to potential markets.		

Course	Details
Code	CMH553
Title	RISK AND INSURANCE MANAGEMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Hard core
Total Credits	04
Total Contact Hours	60

Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks

**Learning Objectives :**

1. To understand the nature of various insurance policies and its dimensions.
- 2.To learn the insurance and risk management strategies
- 3.To understand the importance of corporate risks and individuals risks and mitigation strategies
- 4.To provide the risk handling methods

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.**Offers the students the necessary knowledge & skills to be able to understand the present and future problems in the financial and insurance world.

Course	Details
Code	CMH 554
Title	INTERNATIONAL FINANCIAL MANAGEMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Hard core
Total Credits	04
Total Contact Hours	60
Contact Hours per	04

Examination	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks
<b>Learning Objectives :</b>  1.To orient the students on global business environment and international markets  2. To make students understand the various risk and enterprise is exposed to on account of international transactions  3.To provide knowledge and skills for hedging foreign currency risk	
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Explains the basic features and functions of international financial systems & develops & appreciation in foreign exchange exposure and management.	

Course	Details
Code	CMS555: Optional (FMAIS)
Title	FINANCIAL DERIVATIVE MARKETS
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft core
Total Credits	04
Total Contact	60
Contact Hours per	04
Examination	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations



<p><b>Learning Objectives :</b> The objective of this course is to provide students with an insight of constructing and managing portfolio</p>
<p><b>Expected Learning Outcomes :</b></p> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1.</b> Explains the usefulness of the fundamental and technical analysis and makes aware of the various portfolio management techniques.</p>

<p><b>Learning Objectives :</b>The objective of this course is to provide students with an insight of constructing and managing portfolio</p>
<p><b>Expected Learning Outcomes :</b></p> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1.</b> Explains the usefulness of the fundamental and technical analysis and makes aware of the various portfolio management techniques.</p>

<p><b>Learning Objectives :</b> The objective of this course is to provide students with an insight of constructing and managing portfolio</p>
<p><b>Expected Learning Outcomes :</b></p> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1.</b> Explains the usefulness of the fundamental and technical analysis and makes aware of the various portfolio management techniques.</p>

<p><b>Learning Objectives :</b>The objective of this course is to provide students with an insight of constructing and managing portfolio</p>
<p><b>Expected Learning Outcomes :</b></p> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1.</b> Explains the usefulness of the fundamental and technical analysis and makes aware of the various portfolio management techniques.</p>

Course	Details
Code	CMS559: Optional (BAIM)
Title	FINANCIAL SERVICES AND INSTITUTIONS
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks

**Learning Objectives:** The course aims at providing students the outstanding of the structure, operations functions and procedure of financial institutions market and different services provided by them.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Provides an understanding of intricacies of the macro aspects of financial survey and institution and relating it with corporate decision making.

Course	Details
Code	CMS560 Optional (BAIM)
Title	ACTUARIAL MANAGEMENT
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks





Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks
<p><b>Learning Objectives :</b>The aim of this course is to familiarize the students with major latest provisions of the Indian tax laws and related judicial pronouncements pertaining to corporate enterprises having implications for various aspects of corporate planning with a view to derive maximum possible tax benefits admissible under the law.</p>	
<p><b>Expected Learning Outcomes :</b></p> <p>Upon the completion of this course, the students will be able to :</p> <p><b>CO 1.</b>Enables the students to understand tax planning strategies and helps them job opportunities.</p>	

Course	Details
Code	CMS 562: OPTIONAL (TAX)
Title	CUSTOM DUTY AND GST ANALYSIS
Programme	Master of Commerce (M.Com.)
Year / Semester	Second / Fourth
Type	Soft core
Total Credits	04
Total Contact Hours	60
Contact Hours per Week	04
Examination Duration	03
Max. Marks	CIA : 30 Total : 100 End Semester Exam : 70
Total Modules	
Pedagogy	Lectures with interactive sessions, Use of PPT Presentations, Group Discussions, Seminars and Presentations
Evaluation Method	Average of Two Internal Assessment Examinations plus considering the Assignment and Presentation marks
<b>Learning Objectives:</b> The course is designed to provide students thorough and detailed knowledge of service tax, its systems and operations; CST, system of one country one tax and its operations and an overview of goods and service tax structure.	
<b>Expected Learning Outcomes :</b>  Upon the completion of this course, the students will be able to :  <b>CO 1.</b> It helps the students to understand the basic concepts of goods and services tax and to acquaint with the latest amendments made relating to indirect taxation.	

**UNIVERSITY COLLEGE MANGALORE**

**ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು**

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

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Mangalore 575 001



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**M.Sc. in CHEMISTRY**

**[POs, PSOs, COs]**

**CBCS (CHOICE BASED CREDIT SYSTEM)**

**( From 2016-17 Batch onwards)**

**CHEMISTRY**  
**PROGRAMME OUTCOMES:**

<b>PO 1</b>	Master of Science in Chemistry basically aims at the training of students with a detailed knowledge base in Chemistry of potential utility in academia as well as Industry through advanced course work and laboratory work in the department and a project work in industries or premier institutions.
<b>PO 2</b>	To qualify NET/GATE/SET/Civil Services and other competitive examinations.
<b>PO 3</b>	For exploring global level research opportunities for doctoral and post-doctoral studies.
<b>PO 4</b>	For professional employment in different domains such as academics, industries, analytical laboratories, scientific organizations, entrepreneurship, administrative positions etc.
<b>PO 5</b>	For enhancing the connectivity between academic and industrial institutions.

**PROGRAMME SPECIFIC OUTCOMES**

<b>PSO 1</b>	Students equip themselves with up-to-date knowledge in the field of frontier areas of chemistry.
<b>PSO2</b>	Attain confidence to take up R & D positions in teaching, higher education institutions, public sector & private companies.
<b>PSO 3</b>	Get motivated to take up higher studies
<b>PSO 4</b>	Students able to use their knowledge in day to day life and work for betterment of society.
<b>PSO 5</b>	Understand the social responsibility of chemistry in educating general public about protection of environment against pollution.
<b>PSO 6</b>	Knowledge & Confidence to clear nation level competitive examinations.
<b>PSO 7</b>	To make use of the chemistry knowledge to analyze real samples like food samples, biological samples, pharmaceutical products and environmental samples.
<b>PSO 8</b>	To propose/develop most effective and novel methods of synthesis of bioactive compounds/ nanomaterials and in turn to design target oriented drugs to treat different diseases.
<b>PSO 9</b>	To propose/develop simple and accurate analytical methods as alternatives for the existing standard/official methods for the analysis of complex matrices/clinical samples.
<b>PSO 10</b>	To develop energy storage materials and fuel cells.

**COURSE OUTCOMES:**

**FIRST SEMESTER**

Course	Details
Code	CH H 401
Title	INORGANIC CHEMISTRY
Programme	M. Sc CHEMISTRY
Year / Semester	FIRST/FIRST
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<b>Learning Objectives :</b> To enable the students to acquire knowledge on inorganic chemistry topics.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to : <b>CO 1.</b> Students learn the basics of ionic and covalent bonding, lattice energy, hydration energy, <b>CO 2.</b> This course enables the students to understand VSEPR theory and MOT theory. <b>CO 3.</b> This course will Enlighten the students to understand Noble gas chemistry, Graphitic compounds, HSAB Concept, <b>CO 4.</b> Theories of redox indicators and sampling techniques.	

Course	Details
Code	CH H 402
Title	ORGANIC CHEMISTRY
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	HARD CORE

Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**Learning Objectives :**

To enable the students to acquire knowledge on organic chemistry topics.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

- CO 1.** Enable the students to learn the bonding in organic systems, various aspects of aromaticity, electronic effects, acidity and basicity of organic compounds.
- CO 2.** To gain knowledge on methods of determination of reaction mechanism, various reaction intermediates and aliphatic nucleophilic substitution reactions.
- CO 3.** To understand the detailed aspects of optical and geometrical isomerism.

Code	<b>CH H 403</b>
Title	<b>PHYSICAL CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**Learning Objectives :**

To enable the students to acquire knowledge on physical chemistry topics.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

- CO 1.** To understand the theoretical basis of catalysis, corrosion and various complex reactions which find relevance in biological processes and are of industrial importance.
- CO 2.** The students are introduced to the modern techniques developed for the practical applications of these concepts in different areas of science and technology.
- CO 3.** This course enable the students to handle issues related to corrosion in the day to day life and in industrial reactors; enzyme mediated reactions in biochemistry, biotechnology and pharmaceutical chemistry etc.

Code	<b>CH S 404</b>
Title	<b>INORGANIC SPECTROSCOPY AND ANALYTICAL TECHNIQUES</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<b>Learning Objectives:</b> To enable the students to acquire knowledge on inorganic spectroscopy and analytical techniques.	



**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Students learn the basic principles and applications of ESR Spectroscopy, NQR Spectroscopy,

**CO 2.** Students can be familiarizing with Mossbauer Spectroscopy, Photoelectron spectroscopy, Atomic absorption Spectroscopy, Emission Spectroscopy, Molecular Luminescence Spectroscopy and Light Scattering methods.

**CO 3.** The students also trained in the field of Ion Exchange Chromatography, Exclusion Chromatography and Thermal methods

**CO 4.** Overall students can solve the problems related to spectroscopy

Code	<b>CH S 406</b>
Title	<b>MOLECULAR SPECTROSCOPY &amp; DIFFRACTION TECHNIQUES</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**Learning Objectives:** To enable the students to acquire knowledge on molecular spectroscopy & diffraction techniques.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Deals with the understanding of the spectroscopic techniques which are based on the interaction of the electromagnetic radiation in the microwave, infrared and X-ray region with the molecules.

**CO 2.** The techniques introduced here are major characterization techniques employed to understand the chemical composition of compounds and the physical characteristics.

**CO 3.** The course has multidisciplinary relevance as these techniques are used in various fields namely, chemistry, physics biology and materials science.

**CO 4.** Student be able to learn instrument like x-ray, TEM, SEM and their applications

Code	<b>CH P 407</b>
Title	<b>INORGANIC CHEMISTRY PRACTICALS – I</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	Practical
Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 =100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of inorganic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam

**Learning Objectives :**

To get better understanding of inorganic chemistry concepts.

**Expected Learning Outcomes :**

Upon the completion of this course, the students will be able to :

**CO 1.** Students have hands on experience on the analysis of Hematite Dolomite, Pyrolusite, Solder,

**CO 2.** Analysis of Halide Mixture, Colorimetric Determination, Gravimetric determinations and Statistical Analysis of Data.

**CO 3.** To understand Complex metric determination and hardness of water

**CO 4.** It enables the students to learn Statistical Analysis of Data.

Code	<b>CH P 408</b>
Title	<b>ORGANIC CHEMISTRY PRACTICALS – I</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/FIRST
Type	Practical
Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 =100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of organic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<b>Learning Objectives :</b> To get better understanding of organic chemistry concepts.	
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to :  <b>CO 1.</b> Enlighten the students to understand the method of organic preparation by utilizing various kinds of organic reactions, <b>CO 2.</b> To understand isolation and purification of products. <b>CO 3.</b> To understand oxidation reactions <b>CO 4.</b> To learn substitution reaction.	

Code	<b>CH P 409</b>
Title	<b>PHYSICAL CHEMISTRY PRACTICALS - I</b>
Programme	M. Sc CHEMISTRY
Year / Semester	FIRST/FIRST
Type	Practical
Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 =100
Total Modules	1

Pedagogy	Hands on practical sessions to learn the concept of physical chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<p><b>CO 1.</b> Experiments have been designed which make use of the concepts of electrochemistry, thermodynamics, solution chemistry and surface chemistry.</p> <p><b>CO 2.</b> Students get hands on experience in use of various instruments.</p> <p><b>CO 3.</b> It able to understand the theoretical concepts.</p> <p><b>CO 4.</b> To learn Specific and molar refractivity, viscosity, poacher etc.</p>	

Code	<b>CH H 451</b>
Title	<b>ADVANCED INORGANIC CHEMISTRY</b>
Programme	M. Sc CHEMISTRY
Year / Semester	FIRST/SECOND
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> Students study Symmetry and Group Theory,</p> <p><b>CO 2.</b> Chemistry of higher Boranes, Phosphazene polymers,</p> <p><b>CO 3.</b> Advances aspects of MOT theory, Trends of transition metals in periodic tables, Methods of reduction of oxide ores in this course</p>	

Code	<b>CH H 452</b>
Title	<b>ADVANCED ORGANIC CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	HARD CORE
Total Credits	3

Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> Students gain an understanding of all details of aliphatic/ aromatic electrophilic substitution reactions and aromatic nucleophilic substitution reactions.</p> <p><b>CO 2.</b> Students learn about various free radical reactions and elimination reactions including pyrolytic eliminations.</p> <p><b>CO 3.</b> Students gain an understanding of formation and hydrolysis of esters, Addition of carbon-carbon multiple bonds and addition to carbon-heteroatom multiple bonds.</p>	

Code	<b>CH H 453</b>
Title	<b>ADVANCED PHYSICAL CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> It is an advanced level course which helps to understand the concepts of physics and their subsequent applications in the field of chemistry.</p> <p><b>CO 2.</b> The concepts of chemical thermodynamics helps in the design of processes in chemical industries.</p> <p><b>CO 3.</b> The concepts of statistical thermodynamics find relevance in understanding the nature of solids and metals in specific.</p> <p><b>CO 4.</b> It enables to understand chemical bonding, photochemistry and spectroscopy</p>	

Code	<b>CH S 454</b>
Title	<b>ORGANIC SPECTROSCOPIC TECHNIQUES</b>
Programme	M. SC CHEMISTRY

Year / Semester	FIRST/SECOND
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** Enable the students to understand the principle, theory, instrumentation and applications of UV-Visible, Electronic, NMR ( $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{19}\text{F}$ ,  $^{31}\text{P}$ ) and Mass spectroscopy.

**CO 2.** To solve the composite problems involving the applications of UV-Visible, IR, NMR ( $^1\text{H}$  &  $^{13}\text{C}$ ) and Mass spectroscopic techniques.

**CO 3.** To develop the ability to analyze the spectrum and arrive at the correct structure of compound.

**CO 4.** Overall students can get confidence in solving spectroscopic problems.

Code	<b>CH E 456</b>
Title	<b>ENVIRONMENTAL, ELECTRO AND POLYMER CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** It is an elective course offered to students from disciplines other than chemistry.

**CO 2.** It aims at enhancing their general understanding of chemistry. Few important topics such as sources and detection of air pollution, batteries as power sources, devices of solar energy conversion,

**CO 3.** Polymers used in day to day life and for medical and technical applications will be taught.

**CO 4.** Awareness of plastic pollution and technique of plastic waste management

Code	<b>CH P 457</b>
Title	<b>INORGANIC CHEMISTRY PRACTICALS-II</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	Practical
Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 = 100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of inorganic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam

**CO 1.** The students have hands on experience in the qualitative analysis of mixtures of Inorganic Salts containing 3 cations in which 1 less common metal ion and 2 anions.

**CO 2.** Students learn the systematic methods of separation techniques.

**CO 3.** Apart from inorganic radicals they also learn the separation organic radicals.

**CO. 4.** Qualitative Analysis of mixtures of Inorganic Salts containing 3 cations and 2 anions (1 less common metal ions like Tl, W, Mo, V, Zr, Th, U, Ce, Ti and Li to be included among anions organic acid radicals, phosphate, borate and fluoride separation included).

Code	<b>CH P 458</b>
Title	<b>ORGANIC CHEMISTRY PRACTICALS-II</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	Practical

Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 =100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of organic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<p><b>CO 1.</b> Student gain the in-depth knowledge and skill in organic separations, Purifications, qualitative analyses.</p> <p><b>CO 2.</b> Separation of binary mixtures of organic compounds containing both mono and bifunctional groups</p> <p><b>CO 3.</b> Students learn preparation of suitable derivatives.</p>	

Code	<b>CH P 459</b>
Title	<b>PHYSICAL CHEMISTRY PRACTICALS- II</b>
Programme	M. SC CHEMISTRY
Year / Semester	FIRST/SECOND
Type	Practical
Total Credits	2
Total Contact Hours	48
Contact Hours per Week	4
Examination Duration	4
Max. Marks	30 (IA) + 70 =100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of physical chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<p><b>CO 1.</b> In continuation with the practical course introduced in the first semester, this course provides opportunity to students to test the concepts learnt in the basic physical chemistry course CH H 403.</p> <p><b>CO 2.</b> Experiments have been designed on thermodynamics, kinetics, surface and interface chemistry. With the training gained.</p> <p><b>CO 3.</b> Students able to handle issues related to metallurgical processes, waste water treatment, energy efficient processes, action of soaps and detergents etc.</p>	

Code	<b>CH H 501</b>
Title	<b>COORDINATION CHEMISTRY</b>
Programme	M. SC CHEMISTRY



Year / Semester	SECOND/THIRD
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<b>CO 1.</b> The students learn spectral properties of complexes, interpretation of spectra <b>CO 2.</b> Photochemistry of metal complexes, Magnetic behavior of metal complexes, <b>CO 3.</b> Spectral applications of coordination compounds, <b>CO 4.</b> Reactions mechanisms in Transition metal complexes, Electron transfer reactions.	

Code	<b>CH H 502</b>
Title	<b>ORGANIC REACTION MECHANISM AND HETEROCYCLIC CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** Students gain the in-depth knowledge about ten organic name reactions, their mechanisms and synthetic uses with multiple examples.

**CO 2.** Students learn about the mechanism and synthetic utility of various kinds of thirteen molecular rearrangement reactions with diverse examples.

**CO 3.** Students gain knowledge on principles of photochemistry and diverse types of photochemical reactions of organic molecules with multiple examples, concepts of pericyclic reactions, diverse types of electrocyclic, cyclo addition and sigmatropic reactions with multiple examples.

**CO 4.** Students understand the systematic nomenclature of various types of heterocyclic compounds with multiple examples.

**CO 5.** Students get the sound knowledge on the structure, synthesis and reactions of various three, four, five, six and seven membered simple and fused heterocyclic compounds.

Code	<b>CH H 503</b>
Title	<b>SOLID STATE CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 = 100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** It is an interdisciplinary course falling at the boundary of physics and chemistry.

**CO 2.** It is aimed at understanding the properties of solids and their possible applications in materials science as superconductors, semiconductors, liquid crystal materials and magnetic materials.

**CO 3.** Importance has been given to the methods of preparation of solids, understanding the structure-property relationships and their possible applications.

**CO 4.** Importance has also been given to the advanced topics of nanomaterials.

Code	<b>CH S 504</b>
Title	<b>MEDICINAL AND NATURAL PRODUCTS CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> Students gain an understanding on the classification and nomenclature of drugs, modern theories of drug action and drug design.</p> <p><b>CO 2.</b> Students able to know classification, synthesis and mode of action of antipyretic analgesic drugs, general anesthetics, local anesthetics, cardiovascular drugs, antineoplastic agents and antiviral drugs with suitable examples.</p> <p><b>CO 4.</b> Students get a good understanding of isolation, classification,</p> <p><b>CO 5.</b> Methods of structure elucidation and synthesis of various types of alkaloids, terpenoids and steroids with suitable examples.</p>	

Code	<b>CH E 506</b>
Title	<b>ANALYTICAL &amp; GREEN CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3

Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> To understand the basic principles and theory of UV-Visible, Electronic, Infra- Red, Nuclear Magnetic Resonance and Mass Spectroscopy.</p> <p><b>CO 2.</b> To study the utility of these techniques in structure elucidation of simple organic molecules.</p> <p><b>CO 3.</b> To know about water cycle, water sources, water quality, significant measurements of water parameters and treatment of water for drinking and industrial purposes.</p> <p><b>CO 4.</b> To learn about principles and use of green chemistry in laboratory synthesis.</p> <p><b>CO 5.</b> To understand the basic principles and utility of sonochemistry and Microwave induced organic synthesis.</p>	

Code	<b>CH P 507</b>
Title	<b>INORGANIC CHEMISTRY PRACTICALS – III</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	Practical
Total Credits	3
Total Contact Hours	72
Contact Hours per Week	6
Examination Duration	6
Max. Marks	30(IA) + 70 = 100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of inorganic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<p><b>CO 1.</b> The students have hands on experience in the Analysis of Brass, Cu-Ni alloy, Stainless Steel,</p> <p><b>CO 2.</b> Type Metal and quantitative analysis of the constituents &amp; mixtures containing the following radicals <math>\text{Fe}^{+}</math> Ni, <math>\text{Fe}^{+}</math> Ca, <math>\text{Cr}^{+}</math> Fe.</p> <p><b>CO 3.</b> This course also train the students in Separation and determination of <math>\text{Mg}^{2+}/\text{Zn}^{2+}</math>, <math>\text{Zn}^{2+}/\text{Cd}^{2+}</math> by Ion-Exchange Chromatography in Part A and in Part B</p> <p><b>CO 4.</b> Determination of COD, Phosphorus, DO, Nitrate, Alkalinity of Water.</p>	

Code	<b>CH P 508</b>
Title	<b>ORGANIC CHEMISTRY PRACTICALS – III</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	Practical
Total Credits	3
Total Contact Hours	72
Contact Hours per Week	6
Examination Duration	6
Max. Marks	30(IA) + 70 = 100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of organic chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<p><b>CO 1.</b> Enable the students to understand and learn the principle of quantitative estimation of different types of organic molecules,</p> <p><b>CO 2.</b> Methods of organic preparations using multistep synthetic protocol,</p> <p><b>CO 3.</b> Isolation and purification of intermediate and final products,</p> <p><b>CO 4.</b> Use of computers in the study of conformation and geometry of some simple organic molecules.</p>	

Code	<b>CH P 509</b>
Title	<b>PHYSICAL CHEMISTRY PRACTICALS – III</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/THIRD
Type	Practical
Total Credits	3
Total Contact Hours	72
Contact Hours per Week	6
Examination Duration	6
Max. Marks	30(IA) + 70 = 100
Total Modules	1

Pedagogy	Hands on practical sessions to learn the concept of physical chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<b>Expected Learning Outcomes :</b> Upon the completion of this course, the students will be able to : <b>CO 1.</b> This practical course give training to students on important electrochemical techniquesnamely, <b>CO 2.</b> Conductometry, potentiometry, voltametry and polarography. <b>CO 3.</b> In addition, they are introduced to nuclear and radiation chemistry experiments. <b>CO 4.</b> This course enhances the skill of students in quantitative analysis	

Code	<b>CH H 551</b>
Title	<b>BIOINORGANIC CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<b>CO 1.</b> In this course, students learn metal and non-metal ions in biological systems, <b>CO 2.</b> Biological nitrogen fixation, Photocatalysis, <b>CO 3.</b> Transport and storage of dioxygen, Metal storage and Transport, Metalloproteins asenzymes, <b>CO 4.</b> Therapeutic uses of metals, Metal complexes as drugs, Treatment of toxicity due toinorganics.	

Code	<b>CH H 552</b>
Title	<b>ORGANIC SYNTHETIC METHODS</b>
Programme	M. SC CHEMISTRY

Year / Semester	SECOND/FOURTH
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

CO 1. To acquire knowledge on the various reagents employed for oxidation and reduction of various kinds of organic molecules.

**CO 2.** To understand the various methods of halogenations of carbonyl compounds, benzylic and allylic halogenations.

**CO 3.** To understand the synthetic design with diverse chemical reactions, planning of organic synthesis and functionality.

**CO 4.** To learn the principles and technologies used in disconnection approach, the utility of protecting group strategy in organic synthesis and retrosynthetic analysis.

Code	<b>CH H 553</b>
Title	<b>ELECTROCHEMISTRY AND REACTION DYNAMICS</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	HARD CORE
Total Credits	3
Total Contact Hours	45
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** It is an advanced course on two different topics, electrochemical processes and theoretical aspects of chemical kinetics. The first part deals with concept and applications of electrocatalysis and processes taking place at the electrode and the solution interface.

**CO 2.** This course content trains students on alternate methods of synthesis using electrochemical concepts.

**CO 3.** Introduces the student to theoretical basis of understanding the rates of complex reactions,

**CO 4.** Arriving at the mechanism of various inorganic and organic reactions and knowledge of advanced techniques with the use of lasers in characterizing intermediates complex chemical reactions.

Code	<b>CH S 554</b>
Title	<b>ORGAN METALLIC CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam

**CO 1.** The students will learn Historical development of Organometallic compounds,

Classification,

**CO 2.** Nomenclature, Transition metal to carbon multiple bonded compounds, Transition metal carbon pi complexes,

**CO 3.** Catalysis by organometallic compounds, Homogeneous catalysis by organometallics,

Hydrocarbonylation of olefins,

**CO 4.** Ziegler-Natta catalyst and Water Gas Shift reactions in this course



Code	<b>CH S 555</b>
Title	<b>POLYMER CHEMISTRY</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	SOFT CORE
Total Credits	3
Total Contact Hours	36
Contact Hours per Week	3
Examination Duration	3
Max. Marks	30 (IA) + 70 =100
Total Modules	3
Pedagogy	Lecture with practical problems being worked out, Chalk and talk, PPT presentations, Seminars and presentations
Evaluation Method	Two Internal Assessment Examinations, One End Semester Exam
<p><b>CO 1.</b> This is an introductory course on highly useful materials, namely the polymers. The course content is of interdisciplinary interest.</p> <p><b>CO 2.</b> It deals with types, techniques of preparation and characterization of plastics, rubber and fiber materials.</p> <p><b>CO 3.</b> The applications of these materials in daily life, engineering and biomedical field have been emphasized.</p> <p><b>CO 4.</b> The students are exposed to the problems of polymer waste management and the strategies developed to minimize plastic pollution.</p>	

Code	<b>CH P 557</b>
Title	<b>INORGANIC CHEMISTRY PRACTICALS – IV</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	Practical
Total Credits	3
Total Contact Hours	72
Contact Hours per Week	6
Examination Duration	6
Max. Marks	30(IA) + 70 = 100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of physical chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam

**CO 1.** The students have practical experience in determination of Na, K, Li and Ca by Flame photometry, Solvent extraction of Ni(II) and UO<sub>2</sub>(II),  
**CO 2.** Preparation and analysis of complexes, Measurement of Magnetic susceptibility,  
**CO 3.** Determination of composition of complexes by Job's method, Mole ratio method, Sloperatio method,  
**CO 4.** Determination of stability constants by Turner Anderson method, Bejrrums method and Polarography method.

Code	<b>CH P 558</b>
Title	<b>PHYSICAL CHEMISTRY PRACTICALS-IV</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	Practical
Total Credits	3
Total Contact Hours	72
Contact Hours per Week	6
Examination Duration	6
Max. Marks	30(IA) + 70 = 100
Total Modules	1
Pedagogy	Hands on practical sessions to learn the concept of physical chemistry.
Evaluation Method	One Internal Assessment Examination, One End Semester Exam
<b>CO 1.</b> Includes large number of kinetic experiments from which students are made to choose five experiments which illustrate different principles of chemical kinetics. They are also expected to learn concepts of thermodynamics by carrying out 5 experiments from the respective section. The course also includes two experiments from polymer chemistry topics and two experiments from spectroscopy. In addition to the above knowledge, the students are trained to develop skill of using computers to draw chemical structures, to plot the data and to carry out calculations	

Code	<b>CH P 559</b>
Title	<b>PROJECT WORK AND DISSERTAION</b>
Programme	M. SC CHEMISTRY
Year / Semester	SECOND/FOURTH
Type	HARD CORE
Total Credits	4
Total Contact Hours	80
Contact Hours per Week	8
Examination Duration	Not applicable
Max. Marks	30(IA) + 70 = 100
Total Modules	1

Pedagogy	Seminars and presentations ,Chalk and talk, PPT presentations,
Evaluation Method	Two Internal Assessment Seminars, One Semester End Evaluation.
<b>CO 1.</b> To design the project by collecting required background material by referring the literature <b>CO 2.</b> To understand the functioning and safety features in the industry. <b>CO 3.</b> To improve the experimental and soft skills. <b>CO 4.</b> To learn various analytical and instrumental techniques and interpretation of analytical data.	

**UNIVERSITY COLLEGE MANGALORE**

**ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು**

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

Office of the Principal,  
U.P. Malya Road, Hampanakatta  
Mangalore 575 001



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# M.A. Hindi (CBCS) (Regular) (Four Semesters) 2019-20

**Programme Outcomes:**

The Master of Arts programme in Hindi has been designed with the objective to develop empathy towards human beings and enhance the creativity of students and motivate them to understand the relation of language and literature. At present the department offers PhD in Hindi also which enables the research scholars to use the knowledge to think critically and analyse. Our courses master the art of communication and make the young generation well versed in Hindi language and literature in all its branches.

The course has a strong focus on theoretical and practical skills of students. They are made to analyse the human behaviour in context of literature and society using their software skills. The programme offers specialised optional courses, which allow student to pursue their studies in their area of interest. The students are required to submit report and present their research findings of the literature they study as specialisation. Besides, to encourage the student's writing and analytical skills they are required to submit a term paper on socio- economic problem. Thus, the Masters in Hindi programme seek to:

<b>PO1:</b>	The MA in Hindi is committed to develop an academic environment towards rational thinking, moral values and composite culture in terms of Hindi language and literature.
<b>PO2:</b>	The programme highlights the fundamentals of Hindi Literature and it tries to answer different issues related to social problems and its various aspects.
<b>PO3:</b>	Prepare students to develop critical thinking and mental skill to carry various socio-economic, cultural-political issues objectively while bridging the gap between theory and practice with reasonable conclusions.
<b>PO4:</b>	Prepare students for pursuing research or careers that provide employment through translation and writing for media.
<b>PO5:</b>	Prepare students to develop own thinking /opinion regarding multi- dimensional issues pertaining to society in the field of medieval, modern and contemporary Hindi literature
<b>PO6:</b>	Create awareness to become a rational and an enlightened citizen so that they can take the responsibility to understand the interactions among the individual, society for social harmony.

**Programme Specific Outcome:**

The M.A. in Hindi programme emphasizes to understand Hindi language as Functional Hindi. The knowledge of Hindi Language and literature will help to develop communication skill and writing skill. After once students' complete the M.A Hindi course, they will look forward many potential job opportunities in various fields like, Teaching, Mass Media, Bank Services Research and extension services and many other Government of India offices under official language policy. They can get employment, This enables the students to appear in all competitive exams by taking Hindi subject as main course especially in KSET, NET, IAS, etc. Students will be able to apply acquired language knowledge in the following fields:

<b>PSO 1</b>	<b>Critical thinking:</b>  Apply knowledge to develop critical literary approach to write independent research articles. To explore individual, independent thinking in logical method to critical literary thoughts.
<b>PSO 2</b>	<b>Quantitative reasoning skills:</b>  Understand how to use interdisciplinary approach to evaluate a argument. Develop proper communication skill of language having sound literary approach associated with print and electronic media.
<b>PSO 3</b>	<b>Problem-solving skills:</b>  Analyze problems that have clear solutions. Propose solutions for problems that do not have clear answers.

**I Semester**

**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH401
Title	Hindi Sahitya Kaitihas -1
Programme	Master of Arts (Hindi)
Year/Semester	First Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70Hrs
Contact Hours Per Week	05 Hrs
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	03
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<p><b>Learning Objectives:</b> To help the students understand the conceptual &amp; strategic frame work of Hindi Literature.</p> <p><b>Expected Learning Outcomes:</b></p> <p>Upon the completion of this course, the students will be able to –</p> <p><b>CO 1:</b> To understand the Origin of Hindi Literature and language</p> <p><b>CO 2:</b> To understand the basis of the classification of Hindi Literature</p> <p><b>CO 3:</b> To understand the Importance &amp; basis of the names given in each period of Hindi Literature</p> <p><b>CO 4:</b> To understand the features of Adikal, Bhaktikal, Reetikal in context of Socio, cultural &amp; political condition of that period and introduce the Writing and writers of the concerned period</p>	

**I Semester**

**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH402
Title	Madhyakaleen Hindi Kaavya

Programme	Master of Arts (Hindi)
Year/Semester	First Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05Hrs
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	05
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar

**Learning Objectives:** To help the students understand the various Bhakti movement of Medieval Hindi Poetry.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to –

**CO 1:** To understand the role played by the Poets of Bhakti culture in Indian literature & society.

**CO 2:** To describe the progressive nature of Sant Kabir, Jayasi and their writings.

**CO 3:** To describe the Rama- Bhakti poetry of Tulasidas along with the Philosophy of Bhakti Culture.

**CO 4:** To describe the Krisna Leela poetry of Soordas by philosophy of his life.

**CO 5:** To describe the content and skill of writings of Bihari in context of the socio cultural condition of his period.

**I Semester**

**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH 403
Title	Hindi Katha Sahitya
Programme	Master of Arts (Hindi)
Year/Semester	First Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars



Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<p><b>Learning Objectives:</b> To help the students understand the social concepts of life style and problems faced by the farmers and common people of said period through Hindi Fiction writing.</p> <p><b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to –</p> <p><b>CO 1:</b> To understand the vision of Munshi Premchand about Farmers &amp; Middle class and also his concern for Indian Farmers of the society.</p> <p><b>CO 2:</b> Premchand is the modern Hindi Writer with progressive thoughts. Students aware with social problems of common people and they are encouraged to write and understand Hindi fiction.</p>	

### I Semester

#### COURSE OUTCOMES (COS)

Course	Details
Code	HNS 405
Title	Hindi Lambi Kavita
Programme	Master of Arts (Hindi)
Year/Semester	First Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42Hrs
Contact Hours Per Week	03Hrs
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<p><b>Learning Objectives:</b> To help the students understand the social concepts, life style and problems faced by the Poet.</p> <p><b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to –</p> <p><b>CO 1:</b> To describe the philosophy of life as well as poems of Chayavadi writers like Nirala who moved on to progressive thoughts</p> <p><b>CO 2:</b> To describe the problems shown in Muktibodh's 'Brahmarakshasa' a poetry which depicts the depression of a common man.</p> <p><b>CO 3:</b> To describe the Truth of Life by poem 'Asadhyaveena'.</p> <p><b>CO 4:</b> Nirala's poem "SarojSmruti" shows the life of the Litterateur, how he served for society through his works by living in hardships.</p>	

### I Semester

#### COURSE OUTCOMES (COS)

Course	Details
Code	HNS 407
Title	Hindi Sansmaran

Programme	Master of Arts (Hindi)
Year/Semester	First Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42Hrs
Contact Hours Per Week	03Hrs
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar

**Learning Objectives:** To help the students understand the life & social concepts of common man and writer through memoir & narration.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to –

**CO 1:** To understand the life of the writers through the memoir of Mahadevi Verma's "Path Ke Saathi" in which she shares her views about her fellow writers.

**CO 2:** To understand the life & history of the contemporary writers.

**CO 3:** To understand the Narration of Rama, Bhabhi, Sabya & Ghisa which are the live characters of the real life.

## II Semester

### COURSE OUTCOMES (COS)

Course	Details
Code	HNH 451
Title	Hindi Sahitya Ka Itihas –II
Programme	Master of Arts (Hindi)
Year/Semester	Second Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar

**Learning Objectives:** To help the students understand the conceptual & strategic frame work of Modern Hindi Literature.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to –

**CO 1:** Identify the eminent Hindi Writers of each period.

**CO 2:** To understand the AdhunikKal in Hindi literature during emergency time Pre and post-independence period.

**CO 3:** To understand the literary trends of AdhunikKal in Hindi literature.

## II Semester

### COURSE OUTCOMES (COS)

Course	Details
Code	HNH 452
Title	Aadhunik hindi kavya (Bhartendu se Divedi yug)
Programme	Master of Arts (Hindi)
Year/Semester	Second Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	4
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Modern Hindi poetry and its various aspects during independence period. <b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identify the eminent Hindi Writers of modern period and to analyse its concept. <b>CO 2 :</b> To understand the literary trends of AdhunikKal in Hindi literature.	

## II Semester

### COURSE OUTCOMES (COS)

Course	Details
Code	HNH 453
Title	Chayavad aur chayavadottar hindi kavya
Programme	Master of Arts (Hindi)
Year/Semester	Second Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70Hrs
Contact Hours Per Week	05Hrs
Exam Duration	03 Hours

Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives :</b> To help the students understand the conceptual & strategic frame work of Modern Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identify the eminent Hindi Writers of each period. <b>CO 2:</b> To understand the AdhunikKal in Hindi literature during pre and post emergency period. <b>CO 3:</b> To understand the literary trends of AdhunikKal in Hindi literature.	

**II Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 455
Title	Hindi Nibhandh Sahitya
Programme	Master of Arts (Hindi)
Year/Semester	Second Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42
Contact Hours Per Week	03
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	03
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Modern Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identify the eminent Hindi Writers of each period. <b>CO 2:</b> To understand the AdhunikKal in Hindi literature during modern period. <b>CO 3:</b> To understand the literary trends of Adhunik Kal in Hindi literature.	

**II Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 457
Title	Hindi Aatmakatha Sahitya

Programme	Master of Arts (Hindi)
Year/Semester	Second Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03Hrs
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	03
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Modern Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identify the eminent Hindi Writers of each period. <b>CO 2:</b> To understand the AdhunikKal in Hindi literature the literary trends of AdhunikKal in Hindi literature.	

**II Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNE 458
Title	SAMANYA HINDI GYAN
Programme	M.A HINDI OPEN ELECTIVE
Year/Semester	Second Semester
Type	OPEN ELECTIVE
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03
Examination Duration	3 Hrs
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual frame work of Hindi language.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identify the eminent Hindi Writers of each period. <b>CO 2:</b> To understand the history of Hindi literature <b>CO 3:</b> To understand the literary trends of AdhunikKal in Hindi literature.	

**III Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH 501
Title	SAMANYA BHASHA VIGYAN
Programme	Master of Arts (Hindi)
Year/Semester	Third Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70Hrs
Contact Hours Per Week	05
Examination Duration	03
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives :</b> To help the students understand the history of Hindi language and improve the communication skill	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to –	

- CO 1:** Communication and overcome the speech disorders  
**CO 2:** The enable the students contribution in language skill activities  
**CO 3:** The system of linguistic rules are learnt

### III Semester

#### COURSE OUTCOMES (COS)

Course	Details
Code	HNH 502
Title	Bharatiya kavyashastra
Programme	Master of Arts (Hindi)
Year/Semester	Third Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70Hrs
Contact Hours Per Week	05
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand the purpose of emotions and its expression.	
<b>Expected Learning Outcomes: Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> to study the Kavya which is the goal of human life <b>CO 2:</b> To understand the relationship between Kavya and vedas, vyakaran. <b>CO 3:</b> To understand the literary trends of AdhunikKal in Hindi literature	

### III Semester

#### COURSE OUTCOMES (COS)

Course	Details
Code	HNH 503
Title	Paschatya kavyashastra
Programme	Master of Arts (Hindi)
Year/Semester	Third Semester
Type	Hard Core
Total Credits	05
Total Contact Hours	70Hrs
Contact Hours Per Week	05
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, class Seminar
<b>Learning Objectives :</b> To help the students understand the importance of feelings in human life	

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to –

**CO 1:** Identify the eminent poets and thinkers of Western culture and society.

**CO 2:** To note the difference between the Indian and western culture.

**III Semester****COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 504
Title	HINDI NATAK SAHITYA
Programme	Master of Arts (Hindi)
Year/Semester	Third Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03
Examination Duration	03
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, Students Seminar
<b>Learning Objectives:</b> To help the students understand to develop confidence and develops language and communication skill.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Drama builds confidence and develops creativity. <b>CO 2:</b> it improves verbal and nonverbal skills. <b>CO 3:</b> it develops concentration and also encourage team work.	

**III Semester****COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 507
Title	Bharatiya sahitya
Programme	Master of Arts (Hindi)
Year/Semester	Third Semester
Type	Soft Core
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100



Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, class Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Indian literature and its diversity.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> to introduce the unity in diversity of Indian literature. <b>CO2:</b> to create oneness by studying Indian literature which has deeply religious sprit. <b>CO 3:</b> Indian literature includes oral transmission of knowledge, this course enlightens with one of the oldest and richest literature in the world.	

### III Semester

#### COURSE OUTCOMES (COS)

Course	Details
Code	HNE 508
Title	Hindi sahity ka sankshipt parichaya
Programme	M.A HINDI OPEN ELECTIVE
Year/Semester	Third Semester
Type	OPEN ELECTIVE
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03
Examination Duration	03 Hours
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	2
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars, class Seminar
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, class Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> understand Hindi language and its various aspects. <b>CO 2:</b> to know the history of Hindi literature with identifying the major literary trends in it. <b>CO 3:</b> To encouraged to communicative skill.	

**IV Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH 551
Title	HINDI AALOCHANA
Programme	Master of Arts (Hindi)
Year/Semester	FOURTH SEMESTER
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	5
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, class Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> Identifying the eminent Hindi critics of each period. <b>CO 2:</b> To analyse the works of Hindi writers and evaluate their writings. <b>CO 3:</b> To understand the literary trends of Hindi literature.	

**IV Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNH 552
Title	Prayojanmulak hindi aur patrakarita
Programme	Master of Arts (Hindi)
Year/Semester	<b>FOURTH SEMESTER</b>
Type	Hard Core
Total Credits	05
Total Contact Hours	70 Hrs
Contact Hours Per Week	05
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work Functional Hindi.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to –	

**CO1:** get the job as this course enriches talent and improve their language skill.  
**CO2:** To open the career options as Rajbhasha officer, Hindi translator.  
**CO3:** To provide opportunities for Reporters, journalist, content manager, social media planner.

**IV Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 554
Title	HINDI DALIT VIMARSH
Programme	Master of Arts (Hindi)
Year/Semester	<b>FOURTH SEMESTER</b>
Type	Soft Core
Total Credits	04
Total Contact Hours	56 Hrs
Contact Hours Per Week	04
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, students Seminar
<b>Learning Objectives :</b> To help the students understand the conceptual & strategic frame work of Hindi dalit discourse	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> To represent the dalit life reality and liberalise. <b>CO 2:</b> To give voice to the exploitation of dalits and destroy the boasted purity of upper class. <b>CO 3:</b> To establish a society in Indian based on social equality.	

**IV Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 556
Title	HINDI AADIVASI VIMARSH
Programme	Master of Arts (Hindi)
Year/Semester	<b>FOURTH SEMESTER</b>
Type	Soft Core
Total Credits	04
Total Contact Hours	56 Hrs
Contact Hours Per Week	04
Examination Duration	3
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	3
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars

Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, students Seminar
<b>Learning Objectives :</b> To help the students understand the conceptual & strategic frame work of Hindi Adivasi discourse	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> To be aware of the tribal life who are the origin of our culture. <b>CO 2:</b> To bring the tribal literature, folk lores and poems of tribal community to the main stream. <b>CO 3:</b> To bring the identity of Adivasi in limelight.	

**IV Semester**  
**COURSE OUTCOMES (COS)**

Course	Details
Code	HNS 557
Title	PROJECT WORK
Programme	Master of Arts (Hindi)
Year/Semester	<b>FOURTH SEMESTER</b>
Type	Soft Core
Total Credits	03
Total Contact Hours	42 Hrs
Contact Hours Per Week	03
Examination Duration	No exam, project submission.
Max. Marks	IA : 30      End Semester Exam: 70      Total : 100
Total Modules	2
Pedagogy	Lecture, PPT Presentations, Group Discussion, Seminars
Evaluation Method	Two Internal Assessment Examinations, Assignment, Presentations, Group Discussions, One End Semester Exam, students Seminar
<b>Learning Objectives:</b> To help the students understand the conceptual & strategic frame work of Hindi Literature.	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to – <b>CO 1:</b> To achieve new insights into the characters depicted in literature and to describe the characteristics of a particular individual situation or a group. <b>CO 2:</b> To analyse and come to a conclusion. <b>CO 3:</b> To describe the communication skill of the writer through language.	

**UNIVERSITY COLLEGE MANGALORE**

**ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು**

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

Office of the Principal,  
U.P. Malya Road, Hampanakatta  
Mangalore 575 001



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# POST GRADUATE SYLLABUS IN ECONOMICS CBCS (SEMESTER SCHEME) 2016

## ECONOMICS

### Programme Outcomes:

The Master of Arts programme in Economics has been designed with the objective to develop in-depth knowledge of students in frontier areas of economic theory and methods, so that they are able to use the knowledge to study real world economic problems.

The course has a strong focus on theoretical and quantitative skills and train students in the collection and analysis of the data using their software skills. The programme offers specialised optional courses, which allow student to pursue their studies in their area of interest. The students are required to submit report and present their findings of field-study. Besides, to hone the student's writing and analytical skills they are required to submit a term paper on current economic problem. Thus, the Masters in Economics programme seek to:

<b>PO1:</b>	The MA in economics will give a comprehensive idea on economics from theoretical and practical point of view.
<b>PO2:</b>	The programme highlights the fundamentals of economic theories and it tries to answer different issues related to economy.
<b>PO3:</b>	Prepare students to develop critical thinking to carry out investigation about various socio-economic issues objectively while bridging the gap between theory and practice.
<b>PO4:</b>	Equip the student with skills to analyse problems, formulate a hypothesis, evaluate and validate results and draw reasonable conclusions thereof.
<b>PO5:</b>	Prepare students for pursuing research or careers that provide employment through entrepreneurship and innovative methods. Because today's unemployment problem can also be solved by developing the micro and small entrepreneurship
<b>PO6:</b>	Prepare students to develop own thinking /opinion regarding current national or international policies and issues
<b>PO7:</b>	Create awareness to become a rational and an enlightened citizen so that they can take the responsibility to spread the governments' initiatives/schemes to the rural areas for the up liftment of the poor or vulnerable section of the society for inclusive growth.

### Programme Specific Outcome:

The M.A. in Economics programme emphasizes practical applications of economic theory. It is organized to provide students with analytical tools by which they can use to solve many economic problems existing in the real world. The programme provides students with practical econometric skills that are popularly used in both private and public sectors. After once students' complete the M.A Economics course, they will look forward many potential job opportunities in various fields like, Teaching, Business, Company, Banking, Insurance, NGOs, Research and extension services and many other services they can get employment, and also enables the students to appear in all competitive exams by taking economics subject as main course especially in IES, IAS, IRS, KAS etc..

Students will be able to apply acquired economic knowledge in the following fields:

<b>PSO 1</b>	<b>Critical thinking:</b> <ul style="list-style-type: none"><li>a) Apply economics knowledge to evaluate everyday problems and see economics in real world situations.</li><li>b) Apply economic analysis to evaluate specific policy proposals.</li></ul>
<b>PSO 2</b>	<b>Quantitative reasoning skills:</b> <ul style="list-style-type: none"><li>a) Understand how to use empirical evidence to evaluate an economic argument.</li><li>b) Use data to construct quantitative economics arguments and understand the statistical problems associated with interpreting the results.</li><li>c) Develop deeper quantitative thinking skills.</li></ul>
<b>PSO 3</b>	<b>Problem-solving skills:</b> <ul style="list-style-type: none"><li>a) Analyse problems that have clear solutions.</li><li>b) Propose solutions for problems that do not have clear answers.</li></ul>
<b>PSO 4</b>	<b>Learning in Practice:</b> <ul style="list-style-type: none"><li>a) Possess a working knowledge of information data bases and know how to use the web to assist in the gathering of reliable information.</li><li>b) Know how to locate and use primary data sources.</li><li>c) Use their economic knowledge to understand and evaluate current economic events and new economic idea.</li></ul>

### COURSE OUTCOMES (CO)

<b>I SEMESTER</b>	
<b>COURSE</b>	<b>DETAILS</b>
Code	EC 401
Title	Micro Economic Analysis – I
Programme	M.A. Economics
Year/semester	First/First
Type	Hard-core
Total credits	5
Total Contact Hours	70

Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p>CO 1. Micro economics Analysis-I, which is fundamental course of economics, under Hard Core the syllabus covers basic issues and concepts of economics to impart basic knowledge of economics.</p> <p>CO 2. By studying this course students are expected to learn about basics of micro economics - Nature of economic theory, Theory of Demand and Supply, Theory of Production, and Market structure.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC 402
Title	Macro-Economic Analysis – I
Programme	M.A. Economics
Year/semester	First/First
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Macro Economics Analysis-I, which is another fundamental paper of economics, under Hard Core the syllabus covers basic issues and concepts of Macroeconomics to impart basic knowledge of macroeconomics.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about fundamentals of macroeconomics - National Income and Accounts, Macro Economic Models- Introduction, Supply of and demand for Money, General Equilibrium Model, and Post –Keynesian Theories.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC 403
Title	Economics of Growth and Development I
Programme	M.A. Economics
Year/semester	First/First
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4



Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Economics of growth and Development, which is again fundamental paper of economics, under Hard Core, the syllabus covers basic issues and theories of Development to impart basic knowledge on economic development discourses.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about concepts and fundamental theories of economic development- Economic Growth and Development, Theories of Development, Theories of Economic Growth, and Economic Growth and Technical Progress.</p>	

COURSE	DETAILS
Code	EC 404
Title	Quantitative Methods in Economic Analysis
Programme	M.A. Economics
Year/semester	First/First
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	3
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Quantitative methods in economic analysis, fourth Hard core paper in the first semester intends to impart mathematical skill required for economic analysis.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about concept of function and types of functions, Elementary matrix algebra and calculus and their application in economic analysis.</p>	

COURSE	DETAILS
Code	EC405 A
Title	Agricultural Economics
Programme	M.A. Economics
Year/semester	First/First
Type	Soft core (Electives)
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Agricultural Economics, under Soft Core, the syllabus is framed covering basic issues and theories of Agricultural economics to impart basic knowledge on economic applying to Agriculture.</p>	

**CO 2.** By studying this paper students are expected to learn about concepts and fundamental theories of economics applied to agriculture - Agriculture and Economic Development, Agricultural Production and Productivity, Agricultural Finance, Agricultural Prices, and Agricultural Growth in India

## II SEMESTER

COURSE	DETAILS
Code	EC 451
Title	Micro Economic Analysis – II
Programme	M.A. Economics
Year/semester	First/Second
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Micro economics Analysis-II, continuation of Micro economics I of first Semester under Hard Core, the syllabus covers basic issues and concepts of economics to impart basic knowledge of economics.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about advanced issues of micro economics -Price leadership models, Theory of distribution, Markets with asymmetric information, and General equilibrium analysis</p>	

COURSE	DETAILS
Code	EC 452
Title	Macro-Economic Analysis – II
Programme	M.A. Economics
Year/semester	First/Second
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Macro Economics Analysis-II, continuation of Macro economics -I, under Hard Core the syllabus covers basic issues and concepts of Macro economics to impart basic knowledge of macroeconomics.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about fundamentals of macro economics - Consumption and Investment Function: Inflation and Unemployment Business Cycles, and Current Controversies in Macroeconomics</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC 453
Title	Economics of Growth and Development II
Programme	M.A. Economics
Year/semester	First/Second
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Economics of growth and development II, continuation of Economics of growth and Development I, under Hard Core, the syllabus covers basic issues and theories of Development to impart basic knowledge on economic development discourses.</p> <p><b>CO 2.</b> By studying this paper students are expected to learn about concepts and fundamental theories of economic development- Social and Institutional aspects of development, Sectoral aspects of Development, Macroeconomic Policies and development, Allocation of resources and New Development paradigm</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC454 C
Title	Statistical Techniques for Economics Analysis
Programme	M.A. Economics
Year/semester	First/Second
Type	Soft core
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Aim of ‘Statistical techniques for economics analysis’ paper is to impart basic knowledge and skill of statics required for economic analysis.</p> <p><b>CO 2.</b> By studying this paper the students are expected to learn basic statistics - Data collection and management, central tendency measures, dispersion measures, simple correlation and regression, Elements of probability theory, Time series analysis, Concepts and methods of Estimation, and Statistical Software</p>	

<b>COURSE</b>	<b>DETAILS</b>
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Code	EC455
Title	Indian Economy: Policies and Programmes
Programme	M.A. Economics
Year/semester	First/Second
Type	Open Elective
Total credits	3
Total Contact Hours	42
Contact hours per week	3
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	6
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Open elective paper for other than economics students, aims at imparting basic knowledge to P.G students on Indian economy.</p> <p><b>CO 2.</b> By learning this paper students are expected to equip with knowledge on policies and programmes of Indian economy - Introduction to Indian Economy, Planning in India, Agricultural Sector, the Industrial Sector, Money, Banking and Budgets and economic reforms in India</p>	

<b>III SEMESTER</b>	
<b>COURSE</b>	<b>DETAILS</b>
Code	EC501
Title	Public Economics
Programme	M.A. Economics
Year/semester	Second/Third
Type	Hard core
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Public economics is the hard core paper for which syllabus is designed to impart basic knowledge on public economics.</p> <p><b>CO 2.</b> By learning this paper student are expected to know about importance of public finance and also policies and theories of public economics-Role of government, Public Choice and Rationale for Public Policy, Fiscal Policy and Taxation, Public Expenditure and Public Debt and Fiscal Federalism</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC502
Title	Econometrics-1
Programme	M.A. Economics
Year/semester	Second/Third
Type	Hard core

Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	3
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Main purpose of this paper is introducing Econometrics for students and to impart basic skills of economic analysis using econometrics concepts and methods.</p> <p><b>CO 2.</b> By learning this paper students are expected to know about concepts such as Basic Econometrics, Brief Review of Statistical Concepts, estimation, Hypothesis testing and Problems in Regression Analysis</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC503A
Title	Development Issues of Indian Economy
Programme	M.A. Economics
Year/semester	Second/Third
Type	Soft core (Electives)
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Development issues of Indian economy, aims at imparting basic knowledge on Indian economy.</p> <p><b>CO 2.</b> By learning this paper students are expected to equip with knowledge on policies and programmes and structure of Indian economy - Sector wise analysis, Agriculture, Industry and Infrastructure Sector, India and Global Economy and Karnataka Economy</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC503D
Title	Research Methodology
Programme	M.A. Economics
Year/semester	Second/Third
Type	Soft core (Electives)
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	7
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.

**CO 1.** Main aim of this paper is to introduce basic concepts of Research methodology in social sciences and to impart knowledge on research methodology and skill of investigations.

**CO 2.** By learning this students are expected to know about – Foundations of Research, Types and Methods of Research Planning of Research, Sampling and Objectives, Methods and Tools for data Collection, Processing of Data and Statistical Analysis of Data, Theoretical distributions and Statistical Inference, and Report Writing

<b>COURSE</b>	<b>DETAILS</b>
Code	EC504
Title	India in Global Economy
Programme	M.A. Economics
Year/semester	Second/Third
Type	Open Elective
Total credits	3
Total Contact Hours	42
Contact hours per week	3
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	4
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> India in Global economy paper, aims at imparting knowledge on Indian economy when compared to global economy.</p> <p><b>CO 2.</b> By learning this paper students are expected to equip with knowledge on Indian economic policies and performances and related issues - Introduction to Globalization, India and Global Economy, Trade Policy in India, and International Factor Movements</p>	

<b>IV SEMESTER</b>	
<b>COURSE</b>	<b>DETAILS</b>
Code	EC551
Title	International Economics
Programme	M.A. Economics
Year/semester	Second/Fourth
Type	Hard core
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	6
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Main purpose of this paper is to introduce theories and practices of international trade.</p> <p><b>CO 2.</b> By learning this students are expected to know about - International Trade Theories, Measurement of Trade Gains, Commercial Policy, International Factor Movements, Balance of Payments, International Liquidity and Debt.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC552

Title	Econometrics-II
Programme	M.A. Economics
Year/semester	Second/Fourth
Type	Hard core
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	3
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<p><b>CO 1.</b> Main purpose of this paper is teaching advanced Econometrics for students and to impart basic skills of economic analysis using econometrics concepts and methods.</p> <p><b>CO 2.</b> By learning this paper students are expected to know about concepts such as Multiple Regression model, Regression with qualitative independent variables, Simultaneous Equations Model, and problems of identification</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC553
Title	Project
Programme	M.A. Economics
Year/semester	Second/Fourth
Type	Hard core
Total credits	5
Total Contact Hours	70
Contact hours per week	5
Examination duration	
Max. marks	Viva: 30 Dissertation: 70 Total: 100
Total modules	-
Pedagogy	Guiding students through PPT presentation, field visit
Evaluation method	Viva and Dissertation
<p><b>CO 1.</b> Project work (replacing a paper) is to train students in basic research skills.</p> <p><b>CO 2.</b> By doing project work students are expected to acquire skills of social science research, and prepare a dissertation on a topic with guidance of a supervisor.</p>	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC554C
Title	Managerial Economics
Programme	M.A. Economics
Year/semester	Second/Fourth
Type	Soft core (Elective)
Total credits	4
Total Contact Hours	56

Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	7
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<b>CO 1.</b> Main purpose of this paper is to impart knowledge on Managerial economics. <b>CO 2.</b> By studying this paper students are expected to know about- The Nature and Scope of Managerial Economics, Demand Estimation and Forecasting, Optimization Technique: Linear Programming, Price of Profits, Styles and Profit Analysis, Pricing Practices and Strategies, Capital Budgeting, Regulation and Risk Analyses	

<b>COURSE</b>	<b>DETAILS</b>
Code	EC554D
Title	Economics of Infrastructure
Programme	M.A. Economics
Year/semester	Second/Fourth
Type	Soft core (Elective)
Total credits	4
Total Contact Hours	56
Contact hours per week	4
Examination duration	03 hours
Max. marks	Internal assessment: 30 Semester exam: 70 Total: 100
Total modules	5
Pedagogy	Lectures with interactive sessions, use of PPT Presentations
Evaluation method	Assignment, Seminar, Two internal assessment exam, one end semester exam.
<b>CO 1.</b> Main purpose of this paper is to impart knowledge on economics of infrastructure. <b>CO 2.</b> By studying this paper students are expected to know about –role of infrastructure in economic development, Transport Economics, communication, Electricity, Gas and Water Supply, and Social Infrastructure.	



# UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು, ಮಂಗಳೂರು

A Constituent College of Mangalore University

(Reaccredited by NAAC with 'A' Grade and College with Potential for Excellence)

Office of the Principal,  
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Mangalore 575 001



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## P.G. Department of Studies in HISTORY & ARCHAEOLOGY Choice Based Credit system (CBCS) With effect from 2018-19 Academic Year Onwards

### P. G. DEPARTMENT OF HISTORY AND ARCHAEOLOGY

#### Programme Outcomes (P.O)

PO-1:	Students will learn basic narratives of Historical events, Chronology, Personalities of the history of India, world and Karnataka
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<b>PO-2:</b>	Students will understand the present better through a proper understanding of the past
<b>PO-3:</b>	Students will appreciate and understand the various historical process that have gone into the making of societies, Culture and civilization
<b>PO-4:</b>	Students will acquire basic historical research skills which includes use of Archives and libraries
<b>PO-5:</b>	Students will get an overview of major developments in human history including basic sciences and technologies with the help of textual and archaeological sources
<b>PO-6:</b>	They will get the knowledge of the origin and development of complex societies

### Programme specific Outcomes (PSO)

<b>PSO-1:</b>	Students after the completion of the course will be familiar with the political process, Society, Culture, Political ideas and institution, Historiography, Economy of India and Karnataka.
<b>PSO-2:</b>	Students will get the basic knowledge of Archaeology through site visits which can be applied in their future endeavors in the field of archeology.
<b>PSO-3:</b>	They will learn about the origin and development of agriculture system.
<b>PSO-4:</b>	Students will prepare themselves for future career options in fields like civil service, ASI, UNESCO, Tourism industry and Archival Studies.
<b>PSO-5:</b>	They will able to pursue research in the future in order to develop a deeper understanding of Historical aspects.

### Course Outcome

Course	Details
Code	HAH 401:
Title	Historiography
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	Core Course
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos
<b>CO 1:</b> Students will be Enlightened about the various Historical traditions of India and abroad. <b>CO 2:</b> Students will come to know how History has been written. <b>CO 3:</b> They will come to know how Ideas have influenced historians and also the new areas that have to be focused	

Course	Details
Code	HAH:402
Title	Principles and Methods of Archaeology
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	HARD CORE
Total Credits	05

Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos ,Archaeological site visit
Evaluation Method	Assignment, 2 internal assessment examination ,one End-semester examination
<p><b>CO 1:</b> Helps the students to develop a strong understanding of the Nature, Scope and importance of Archaeology as a Discipline.</p> <p><b>CO 2 :</b> They will get the theoretical and Practical aspects of Archaeology which will help them to acquire advanced information on the subject.</p> <p><b>CO 3:</b>It helps to develop a deep sense of the past and to understand the rich cultural heritage of India</p>	

Course	Details
Code	HAH 403
Title	Ancient History of India up to the Mauryas
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	HARD CORE
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> Students will come to know about the important topics of scholarly attention and debate in Ancient Indian History.</p> <p><b>CO 2:</b> The students will be knowing the problems of Historical knowledge and how History is constructed from different Angles and sources</p> <p><b>CO 3:</b>The students will have a familiarity with the sources and political settings of India up to 300 C.E</p>	

Course	Details
Code	HAS 404
Title	Introduction to Paleography and Epigraphy
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	SOFT CORE CORE
Total Credits	04
Total Contact hours	60
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100

Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars, Webinars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will be successfully able to decipher and read scripts. <b>CO 2:</b> They will be able to Analyze inscriptions. <b>CO 3:</b> They will able to interpret inscriptions in its social, political and religious and economical context.	

Course	Details
Code	HAS 405
Title	Social and Economic History of India (upto 1206 CE)
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	SOFT CORE CORE
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Webinars.
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
CO 1: The students will get acquainted with various developmental phases of Indian society. CO 2: The students will get acquainted with various developmental phases of Indian Economy CO 3: They will able to know in depth the contact and Trade between Rome and India.	

Course	Details
Code	HAS 406
Title	History of Science and Technology in India
Programme	Master of Arts(M.A)
Year/Sem	First/First
Type	SOFT CORE CORE
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Webinars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will develop the ability to analyze certain concepts of Ancient Technology	

**CO 2:** The students will get an idea about the methods of conservation and preservation of Ancient materials.

**CO 3:** They will be able to know in depth the technology used by the Indus valley people

Course	Details
Code	HAS 451
Title	Research Methods and Theories in History
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination

**CO 1:** The students will know the methods of conducting research in the field.

**CO 2:** The present paper will prepare the students to be a good Researcher.

**CO 3:** They will get the brief idea regarding the Research

Course	Details
Code	HAS 452
Title	Pre and Proto History of India
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination

**CO 1:** The students will know the earliest stages of the Human History.

**CO 2:** The students will gain familiarity with the rise and decline of the Harappan Civilization.

**CO 3:** It will give the knowledge about the Regional extent and variation and the nature of its cities and material remains

Course	Details
Code	HAS 453
Title	Ancient Indian Art and Architecture

Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students become familiar with the Monuments and Sculptures of India during the early period.</p> <p><b>CO 2:</b> The course provides information about various schools of Art and Architecture of India and their Historical importance.</p> <p><b>CO 3:</b>It explains in detail about the development of Rock cut Temples and Structural temples</p>	

Course	Details
Code	HAS 454
Title	History of Vijayanagara
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Soft Core
Total Credits	04
Total Contact hours	70
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will come to know about the existence of Historical writings on Vijayanagara</p> <p><b>CO 2:</b> They will come to know about the Nature of Vijayanagara state.</p> <p><b>CO 3:</b> The students will come to know about the socio-political and Economic condition in 14<sup>th</sup> century South India.</p>	

Course	Details
Code	HAS 455
Title	Social and Economic History of India ( C.E 1206 - 1757 )
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Soft Core
Total Credits	04
Total Contact hours	70

Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will get acquainted with various developmental phases of the Indian society. <b>CO 2:</b> They will be acquainted with various developmental phases of Indian Economy. <b>CO 3:</b> The students will be studying about various systems of Land Revenue during the British period.	

Course	Details
Code	HAS 456
Title	Art and Architecture of Karnataka
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Open Elective
Total Credits	03
Total Contact hours	42
Contact hours per week	03
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will become familiar with the Monuments of Karnataka. <b>CO 2:</b> They will become familiar with the Sculptures of Karnataka. <b>CO 3:</b> They will learn in detail about the Hoysala Art and architecture.	

Course	Details
Code	HAS 457
Title	Constitutional history of India: From 1773 to 1947
Programme	Master of Arts(M.A)
Year/Sem	First/Second
Type	Open Elective
Total Credits	03
Total Contact hours	42
Contact hours per week	03
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars

Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will understand the Historical process of Constitution making. <b>CO 2:</b> They will know the local, national, international and British factors which were at work in the making of the constitutional Act. <b>CO 3:</b> They will understand the larger implications of these acts in the changing milieu of a resurgent India.	

Course	Details
Code	HAS 501
Title	History of Indian archaeology
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will be successful in the study of the beginnings, developments and results of the Excavations in India.. <b>CO 2:</b> It will help the students to comprehend the History of Archaeology in a systematic manner. <b>CO 3:</b> The students will learn about the major Archaeological discoveries in a detailed manner.	

Course	Details
Code	HAS 502
Title	History of India from the Post-Mauryan to Delhi Sultanate
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will have familiarity with the sources pertaining to this period. <b>CO 2:</b> It will help the students to understand the Political setting of India from the first century B.C to 1200 A.D <b>CO 3:</b> The students will learn about the conflicts of the three Empires in the South India.	



Course	Details
Code	HAS 503
Title	Modern Europe
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will be able to understand the causes for various Revolutions in Europe.</p> <p><b>CO 2:</b> They will have an idea about the legacies of the Modern European History.</p> <p><b>CO 3:</b> They will also have an idea about the various Ideologies that dominated Europe during that period.</p>	

Course	Details
Code	HAS 504
Title	Indian Numismatics
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will be able to identify and decipher the scripts on the coins of different ancient periods.</p> <p><b>CO 2:</b> The students will be able to understand the Socio-Political background and Economic system of Ancient India.</p> <p><b>CO 3:</b> They will be able to bifurcate and say the differences between the various ancient coins.</p>	

Course	Details
Code	H0AS 505
Title	History of Medieval India
Programme	Master of Arts(M.A)
Year/Sem	Second/Third

Type	Soft Core
Total Credits	04
Total Contact hours	70
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will come to know about the important topics of scholarly attention and debate in Medieval Indian History.</p> <p><b>CO 2:</b> The students will be knowing the problems of Historical knowledge and how History is constructed from different angles and sources</p> <p><b>CO 3:</b> The students will have a familiarity with the sources and political setting of India up to 1757 C.E.</p>	

Course	Details
Code	HAE 506
Title	Historical and Cultural Tourism
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will gain a preliminary knowledge about the world and cultural heritage sites and tourist places in India.</p> <p><b>CO 2:</b> They will come to know better about the UNESCO World Heritage sites in India.</p> <p><b>CO 3:</b> They will learn about the various types of tourism in Karnataka.</p>	

Course	Details
Code	HAS 507
Title	Contemporary India (since 1947)
Programme	Master of Arts(M.A)
Year/Sem	Second/Third
Type	Open Elective
Total Credits	03
Total Contact hours	42
Contact hours per week	03

Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will be able to get an idea about the contemporary HISTORY of India. <b>CO 2:</b> They will be able to analyze India's Political and Economic agenda. <b>CO 3:</b> They will learn about the basics of India's Foreign policy which evolved and developed since independence...	

Course	Details
Code	HAS 551
Title	National Movement in India
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will be able know the different stages of the National Movement. <b>CO 2:</b> They will be able to understand the Historiography of the National Movement. <b>CO 3:</b> They will be able to analyze the various debates pertaining to the National movement.	

Course	Details
Code	HAS 552
Title	Thinkers of modern India
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Hard Core
Total Credits	05
Total Contact hours	70
Contact hours per week	05
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will be able know about the Renaissance in the 19 <sup>th</sup> century India.	

**CO 2:** They will know about the various thinkers and organizations which played a vital role in eradicating the blind beliefs from the Indian society.

**CO 3:** They will be able to understand the various Philosophies of the social thinkers during this period.

Course	Details
Code	HAS 553
Title	Modern Karnataka
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
<b>CO 1:</b> The students will be able to understand the circumstances that helped the rise of Mysore <b>CO 2:</b> They will know about the various reforms that helped Mysore to become a Model state. <b>CO 3:</b> They will study about the early revolts against the colonial state in Karnataka	

Course	Details
Code	HAS 554
Title	Social Reform Movement in Karnataka from 11 <sup>th</sup> to 20 <sup>th</sup> century
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<b>CO 1:</b> The students will get an idea about the native response for the Social Reform movement <b>CO 2:</b> They will know more about the Sufi Movement in Karnataka. <b>CO 3:</b> They will come to know about the social movements in Karnataka during this period.	

Course	Details
Code	HAS 555

Title	Colonialism and Nationalism in India
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation, Documentaries, Online Videos, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students will get an idea about the establishment of the Colonial rule in India.</p> <p><b>CO 2:</b> They will know more about the rise of Nationalism in India.</p> <p><b>CO 3:</b> They will come to know about the Gandhian Mode of struggle that was adopted by Mahatma Gandhi against British.</p>	

Course	Details
Code	HASP 556
Title	Project Work
Programme	Master of Arts(M.A)
Year/Sem	Second/Fourth
Type	Soft Core
Total Credits	04
Total Contact hours	56
Contact hours per week	04
Examination duration	3 hours
Max Marks	CIA: 30      End semester Exam: 70      Total :100
Pedagogy	Lectures, Interactive Sessions, PPT Presentation,, Seminars
Evaluation Method	Assignment, 2 internal assessment examination and one End-semester examination
<p><b>CO 1:</b> The students develop s interpretation based on different categories of Analysis.</p> <p><b>CO 2:</b> The students will provide their own Historical Project work.</p> <p><b>CO 3:</b> The students will learn to distinguish between Primary and Secondary Sources in the field of History, use of Proper Citation ,footnotes ,etc</p>	

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## **P.G. Diploma in Yogic Science” September 2018**

**Programme Outcomes (POs):**

<b>PO-01</b>	<b>To make the graduate to understand essentials of Yogic science.</b>
<b>PO-02</b>	<b>To impart professional training to the student.</b>
<b>PO-03</b>	<b>To provide in depth exposure to the concepts.</b>
<b>PO-04</b>	<b>To train the student for better employment opportunity.</b>

**Programme Specific Outcomes (PSOs):**

<b>PSO-01</b>	<b>Upgrading of skills in the subject Yogic science.</b>
<b>PSO-02</b>	Better career prospects.
<b>PSO-03</b>	Better understanding of Yogic science.
<b>PSO-04</b>	Can become experienced Yoga teachers, Yoga practitioners.

**COURSE OUTCOMES (COs)**

<b>Course</b>	<b>Details</b>
Code	DYS 201
Title	<b>BASICS OF YOGIC SCIENCE</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	One year
Type	Core Course
Total Credits	2
Total Contact Hours	80
Contact Hours per Week	4
Examination Duration	3
Max. Marks	CIA: 30                      End Semester Exam: 70                      Total: 100
Total Modules	4
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One Year End Exam
<b>Learning Objective:</b> <ul style="list-style-type: none"><li>• Development of Yoga according to Maharshi Patanjali's Yoga system.</li><li>• Study of citta and its modifications</li><li>• Hatha yoga practices.</li><li>• Ghata yoga practices.</li></ul>	

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Explain Yoga, cittavritti, Samadhi according to Maharshi Patanjali.

**CO 2:** Describe Kriya yoga, Ashtanga yoga according to Maharshi Patanjali.

**CO 3:** Explain Hatha yoga tradition, requirements, Kriyas, Asanas, Pranayamas according to Hatha yoga.

**CO 4:** Apply the concept of compound interest and simple interest techniques in solving the problems.

**CO 5:** Describe Mudras and Bandhas according to Hathapradipika and Gheranda Samhita.

Course	Details
Code	DYS 202
Title	<b>BASICS RELEVANT TO YOGIC SCIENCE</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	First/first
Type	Core course
Total Credits	2
Total Contact Hours	80
Contact Hours per Week	4
Examination Duration	3
Max. Marks	CIA: 30      End Semester Exam: 70      Total: 100
Total Modules	4
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One Year End Exam

**Learning Objective:**

- Introduction to Yogic science.
- Basics of the six philosophies.
- Food system and lifestyle.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Explain definitions of Yoga, historical development of Yoga.

**CO 2:** Explain the selected schools of Yoga

**CO 3:** Explain the six philosophies, compare Sankhya and Yoga..

**CO 4:** Describe personality according to Psychology and Indian system

**CO 5:** Explain memory and mental health.

**CO 6:** Implement practice of Yoga in daily life.



Course	Details
Code	DYS 203
Title	<b>AN INTRODUCTION TO HUMAN BIOLOGY</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	One year
Type	Core course
Total Credits	02
Total Contact Hours	80
Contact Hours per Week	4
Examination Duration	3
Max. Marks	CIA: 30                      End Semester Exam: 70                      Total: 100
Total Modules	4
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One Year End Exam

**Learning Objective:**

- Know the anatomy and physiology of blood and cardiovascular system.
- Study the digestive system and respiratory system.
- Know about excretory and endocrine system.
- Study the anatomy and physiology of special senses and nervous system.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Describe composition of blood, blood group and importance.

**CO 2:** Anatomy and functioning of heart..

**CO 3:** Anatomy of digestive system and process of digestion.

**CO 4:** Functioning of excretory system, endocrine system..

**CO 5:** Describe the functioning of sensory organs and nervous system.

**CO 6:** Apply in personal health.

Course	Details
Code	DYS 204
Title	<b>APPLICATION OF YOGIC SCIENCE</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	One Year
Type	Core Course
Total Credits	04
Total Contact Hours	80
Contact Hours per Week	4
Examination Duration	3

Max. Marks	CIA: 30      End Semester Exam: 70      Total:100
Total Modules	04
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, Two Internal Assessment Exam, One Year-end Exam.
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• Health according to Indian concept.</li> <li>• Daily and seasonal routines.</li> <li>• Effect of Yogic practices of different systems.</li> <li>• Basis of Yoga therapy.</li> <li>• Teaching methods..</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: <b>CO 1:</b> Explain definitions, concepts of health according to Indian and modern system. <b>CO 2:</b> Describe effect of lifestyle, Kriyas, Asanas, Pranayamas, Bandhas Mudra and Meditation techniques on the selected systems. <b>CO 3:</b> Describe basic principles of Yoga therapy and preventive, promotive and curative aspects of yogic practices <b>CO 4:</b> Apply the Yogic practices/ therapy in personal life.	

Course	Details
Code	DYS 205
Title	<b>PRACTICAL - I - KRIYAS AND ASANAS</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	One/one
Type	Core Course
Total Credits	02
Total Contact Hours	120
Contact Hours per Week	6
Examination Duration	03
Max. Marks	CIA: 30      End Semester Exam: 70      Total: 100
Total Modules	04
Pedagogy	Yoga Asanas Exercises classes
Evaluation Method	One internal Practical Yoga. Main practical exam at year end
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• Fundamentals of Yogic Kriyas and Yogasanas.</li> <li>• Practical knowledge of Yogic Kriyas and Yogasanas.</li> </ul>	

- Traditional knowledge in modern educational method.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Perform the kriyas and asanas systematically.

**CO 2:** Describe and demonstrate the procedures of the selected Kriyas and Asanas

**CO 3:** Apply the Kriyas and Asanas therapeutically according to the individual requirement

Course	Details
Code	DYS 206
Title	<b>PRACTICAL - II - ASANAS, BANDHA, MUDRA AND PRANAYAMAS</b>
Programme	DIPLOMA IN YOGIC SCIENCE
Year / Semester	One/two
Type	Core course
Total Credits	02
Total Contact Hours	120
Contact Hours per Week	6
Examination Duration	3
Max. Marks	CIA: 30    End Semester Exam: 70    Total:100
Total Modules	04
Pedagogy	Yoga and Pranayama Exercises classes
Evaluation Method	One internal Practical Yoga. Main practical exam at year end.

**Learning Objective:**

- Know the Asanas.
- Know the fundamentals of Bandhas and Mudras.
- Get trained in Bandhas and Mudras.
- Understand the therapeutical applications of Bandhas and Mudras.
- Get trained in Pranayama and Meditation.

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Practice Asanas according to the classical references.

**CO 2:** Perform the Pranayama, Bandhas and Mudras systematically.

**CO 3:** Describe and demonstrate the procedures of the selected Pranayama, Bandhas and Mudras.

**CO 4** Apply the practice therapeutically to the patient

**CO 5:** Represent the practice in proper terms

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# CERTIFICATE COURSE IN YOGIC SCIENCE

**Programme Outcomes (POs):**

<b>PO-01</b>	<b>To make the graduate to understand basics of Yogic science.</b>
<b>PO-02</b>	To provide basic techniques of yoga
<b>PO-03</b>	<b>To train the student for better employment opportunity.</b>

**Programme Specific Outcomes (PSOs):**

<b>PSO-01</b>	<b>Upgrading of skills in the subject Yogic science.</b>
<b>PSO-02</b>	Better career prospects.
<b>PSO-03</b>	Better understanding of Yogic science.

### **COURSE OUTCOMES (COs)**

<b>Course</b>	<b>Details</b>
Code	YS 1.1
Title	<b>INTRODUCTION TO YOGA</b>
Programme	CERTIFICATE COURSE IN YOGIC SCIENCE
Year / Semester	Three Months
Type	Core Course
Total Credits	2
Total Contact Hours	30-35
Contact Hours per Week	4
Examination Duration	3
Max. Marks	CIA: 30                      End Semester Exam: 70                      Total: 100
Total Modules	5
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, One Internal Assessment Exam, One Year End Exam

#### **Learning Objective:**

- Introduction to different schools of yoga.
- Study of Ashtanga yoga
- Hatha yoga practices.
- Ghata yoga practices.

#### **Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

- **CO 1:** Explain Yoga, Different schools of yoga

**CO 2:** Describe Ashtanga yoga according to Maharshi Patanjali.

**CO 3:** Explain Hatha yoga tradition, requirements, Kriyas, Asanas, Pranayamas according to Hatha yoga.

**CO 4:** Describe Mudras and Bandhas according to Hathapradipika and Gheranda Samhita.

<b>Course</b>	<b>Details</b>
Code	YS 1.2
Title	<b>APPLICATION OF YOGIC SCIENCE</b>
Programme	CERTIFICATE COURSE IN YOGIC SCIENCE
Year / Semester	Three Months
Type	Core course
Total Credits	2
Total Contact Hours	80

Contact Hours per Week	4
Examination Duration	3
Max. Marks	CIA: 30      End Semester Exam: 70      Total: 100
Total Modules	5
Pedagogy	Chalk and Talk, Lectures, PPT Presentations
Evaluation Method	Assignment, Viva-voce, One Internal Assessment Exam, One Year End Exam
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• Introduction to Human Anatomy and Physiology.</li> <li>• Basics Yoga therapy.</li> <li>• Food system and lifestyle.</li> </ul>	
<b>Expected Learning Outcomes:</b> Upon the completion of this course, the students will be able to: CO 1: Explain basic human anatomy and physiology CO 2: Explain food system according to yoga CO 3: Explain basic principles of yoga and application in daily life. CO 4: Implement practice of Yoga in daily life.	

Course	Details
Code	PAPER III
Title	<b>PRACTICAL - I</b>
Programme	CERTIFICATE COURSE IN YOGIC SCIENCE
Year / Semester	Three Months
Type	Core Course
Total Credits	02
Total Contact Hours	
Contact Hours per Week	6
Examination Duration	03
Max. Marks	CIA: 30      End Semester Exam: 70      Total: 100
Total Modules	02
Pedagogy	Kriyas and Asanas practice
Evaluation Method	One internal Practical Yoga. Main practical exam at year end
<b>Learning Objective:</b> <ul style="list-style-type: none"> <li>• Fundamentals of Yogic Kriyas and Yogasanas.</li> <li>• Practical knowledge of Yogic Kriyas and Yogasanas.</li> </ul>	



**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Perform the kriyas and asanas systematically.

**CO 2:** Describe and demonstrate the procedures of the selected Kriyas and Asanas

Course	Details
Code	PAPER IV
Title	<b>PRACTICAL - II</b>
Programme	CERTIFICATE COURSE IN YOGIC SCIENCE
Year / Semester	Three Months
Type	Core course
Total Credits	02
Total Contact Hours	60
Contact Hours per Week	6
Examination Duration	3
Max. Marks	CIA: 30    End Semester Exam: 70    Total:100
Total Modules	02
Pedagogy	Asanas and Pranayama practices
Evaluation Method	One internal Practical Yoga. Main practical exam at year end.

**Learning Objective:**

- Know the Asanas.
- Know the fundamentals pranayama
- Practice of selected asana and pranayama

**Expected Learning Outcomes:**

Upon the completion of this course, the students will be able to:

**CO 1:** Perform the asanas and pranayamas systematically.

**CO 2:** Describe and demonstrate the procedures of the selected asanas and pranayamas