

**INDVIDUAL PROFILE (2010-15)**

1. NAME : **Dr. SHOBHA**

2. DATE OF BIRTH : 24-03-1968

3. ADDRESS : Associate Professor

 Dept. of Botany

 University College

 Hampankatta Mangalore-575001

 shobhadevadiga@yahoo.com

4. MOTHER TONGUE : Tulu

5. EDUCATIONAL

 QUALIFICATION : M.Sc. B.Ed., Ph.D

 First Rank and Gold medal in M.Sc

 Ph.D Title : Effect of Salinity stress on the Germination and enzyme activities in different varieties of Vigna unuiculata (L) walp seeds.

6. ADDITIONAL QUALIFICATION IF ANY:

1. Short course on “Assessing Mycorrhizal Association in

 Plantation Crops” conducted by General Plantation Crops Research Institute, Kasaragod.

1. Simple Sanskrit speaking course
2. Capacity building of women managers in higher Education

7. DEPARTMENT : Botany

8. DATE OF ENTRY INTO SERVICE: 12-08-1992

9. DESIGNATION : Associate Professor

10. TOTAL TEACHING EXPERIENCE: 24 years 01 month (UG: 23 yrs 01 month. PG 1yr)

11. SPECIALIZATION : Seed Technology; Mycology, Ethno botany

12. **REFRESHER COURSES / ORIENTATION COURSES ATTENDED**:

 Necessary courses completed by 2002

13. **PUBLICATIONS**: **SEMINARS AND CONFERENCES**:

 **Papers presented: attended : as per the table**

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| Dr.Shobha, Dept. of Botany |  | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
| Publications | International Level | 1 |  |  |  | 2 |  |
| National Level |  |  | 1 |  |  | 1 |
| Regional Level |  |  |  |  |  |  |
| Paper/Poster Presentations | International Level |  |  |  |  |  | 1 |
| National Level | 2 |  | 1 |  |  |  |
| Regional Level |  |  |  |  |  |  |
| State Level | 1 |  |  | 1 | 1 |  |
| University Level |  |  |  |  |  |  |
| Participation In Seminar/Conference | International Level |  | 1 |  |  |  |  |
| National Level |  | 4 | 1 | 3 | 2 |  |
| Regional Level |  | 1 | 1 |  |  |  |
| State Level |  |  |  |  | 1 |  |
| University Level | 1 |  |  |  |  |  |
| Participation In Workshop | International Level |  |  |  |  |  |  |
| National Level |  | 1 |  |  | 2 |  |
| Regional Level |  |  | 2 |  |  |  |
| State Level |  |  |  |  |  |  |
| University Level |  |  | 1 |  | 1 | 1 |
| Invited Lectures |   |  |  |  |  | 1 | 1 |
| UGC Sponsored Minor Research Project |   | 1 |  |  |  |  |  |
| BOS | University  |  |  | 1 | 1 |  | 2 |
| Autonomous | 1 |  | 1 | 1 |  | 1 |
| BOE | University |  |  |  | 1 | 1 | 1 |
| Autonomous | 1 |  | 3 | 2 | 1 | 2 |
| BOAE | University |  |  |  | 1 | 1 | 1 |

**PUBLICATIONS**:

1. Documentation of ethno medicinal plants used by the Mogaveera community of Coastal Regions of Dakshina Kannada District, Karnataka Proceedings of the National Seminar on ‘Herbal Technology & Ethnobotany’ page 41-45 ISBN 978-93-5254-227-7 40 , 2016
2. Structural analysis of Gangavara reserve forests of Kodagu, Karnataka, India. *Int. J. of Curr. Res. Ac.Rev.* 2015; 3(12): 45-51 ISSN:2347-3215
3. Quantification of Anekkadu Reserve forest by Structural Analysis. *Int. J. of Curr. Res. Ac.Rev.* 2015; 3(12): 107-113 ISSN:2347-3215

iv) Effect of Salinity stress on the germination and Enzyme activities in different verieties of Vigna unguiculata (L) Walp seeds. Proceedings Dept. of Chemistry, Canara College, Mangalore Page 5-9 2013/ISBN 978-81-927561-1-0. 2014

v) Screening of Yeasts for alfalfa – Amylase production from Agricultural produce. Asian J of Microbial Biotech En.Sc. Vol.12 No. (1): 2010: 159-163.

14. **SEMINARS AND CONFERENCES**:

 **Papers presented:**

 **INTERNATIONAL CONFERENCE:**

Mangroves: The coastal guardians, A case study of Dakshina Kannada dist. UGC sponsored fourth International conference on Remote sensing and GIS applications on coastal management Feb 16-17, 2016

**NATIONAL CONFERENCE:**

 **Paper presented:**

i) Effect of Salinity stress on the enzyme activities in different varieties of Vigna Seeds January 2012, Canara College, Mangalore.

ii) Garbage disposal and Management its impact on human health – A case study of Mangalore city 20th and 21st January 2011. Besant Women’s College, Mangalore.

iii) A study of Arbuscular Mycorrlyal Association in Mangroves of Mangalore estuary at 37th Annual meeting of the mycological society of India at CAS Chennai on 8th and 9th February 2011.

**STATE LEVEL**

**Paper presented:**

i) Role of traditional practices in conservation of Medicinal plants on 21st December 2010 at Sri. Bhuvanendra College, Karkala.

 ii) Common herbal remedies practiced in and around Mangalore UGC sponsored Two day State level seminar on recent trends and opportunities in the study of Basic Sciences July 14-15, 2015. SVS College Bantwal.

**Poster presented:**

i) Expanding white umbrella to meet the malnutrition problems

 On 12th December 2014 at Vivekananda College Puttur

 **PARTICIPATED:**

**INTERNATIONAL CONFERENCE:**

Perspectives of climate challenge and Plant Diversity inter relations. (ICPCC) 17th and 18th November 2011 at Manipal Life Science Centre, Manipal University.

**NATIONAL LEVEL SIMINAR:**

1. National level seminar on Biological sciences on 28th January 2015 Alva’s College Moodbidri.
2. National level workshop “Science in Action” at St. Agnes College on 8th and 9th and 10th January 2015
3. National level workshop on DNA barcoding – Concept and Application. 18th and 19th Dec. 2014 University College Mangalore.
4. Plant biodiversity of Western Ghats and its sustainable management organized by department of Botany held on 23rd and 24th January 2014 at M.G.M. College, Udupi.
5. UGC sponsored two day National seminar on Women and Political representation in India 12th, 13th Sept. 2014 University College Mangalore.
6. World Heritage tag and conservation of Biodiversity on 16th and 17th December 2013 at St. Philomina College, Puttur.
7. Trends in Environmental Biotechnology and its applications 19th and 11th December 2013 at St. Aloysius College, Mangalore.
8. Emerging trends in Biological Sciences on 18th & 19th January 2013 at St. Agnes College, Mangalore.
9. National workshop on Nuclear Technology for Human Welfare on 28th April 2012 at CARRT Mangalore University Mangalagangothri.
10. Technology and its implications on Banking sector: challenges and prospects 17th to 19th April 2012.
11. Perspectives of biotechnology in Health and Industry. On 24th and 25th February 2012 at Sundari Ananda Alva Campus, Moodbidri.
12. “Developmental Agenda and Human rights : A special focus on Dakshina Kannada on January 18th 2012 at Ravindra Kala Bhavan University College, Mangalore.

**STATE LEVEL:**

1. State level seminar on Edible and Non – Edible Mushrooms of Karnataka. 12th Dec. 2014. Vivekananda College of Arts, Science and Commerce

 **REGIONAL LEVEL SYMPOSIUM:**

1. Science and Technology new vistas, opportunities and challenges, Karnataka Science and Technology Academy and Mangalore University collaboration. Mangalore University 28th and 29th 2012.
2. One day seminar on Bio diversity and Bio prospecting on 30th March 2011 at Applied Botany Mangalore University.

14. **WORKSHOP ATTENDED:**

1. University level workshop in Botany syllabus organized on 24th Sept. 2011 at MGM College, Udupi in collaboration with Vanashree Mangalore University Botany teachers association (UG).
2. Workshop on student counseling for College teachers held on 2nd August 2012 at MAPS College Mangalore.
3. Two day workshop on Plant diversity and conservation conducted by Pilikula Nisarga DhamaMangalore on 10-11 August 2012.

**WORKSHOP CO-ORDINATOR:**

1. University level workshop on Botany syllabus organized on 11th June 2014 at University College, Mangalore in collaboration with Vanashree Mangalore University Botany teachers association (UG).
2. University level workshop on Botany syllabus organized on 25th June 2016 at St. Agnes College, Mangalore in collaboration with Vanashree Mangalore University Botany teachers association (UG).

National Workshop cum 5th National conference of SIMA on Policy and legal protection for traditional knowledge and Ethno medicine – Recommendations and Action Plan **Chaired X technical session**. 6th to 8th February, 2016 at Vivekananda College campus, Puttur, D.K.

**Judge** for Paper Presentation in the National Seminar on Plant biodiversity of Western Ghats and its sustainable Management on 23rd and 24th Jan. 2014 at MGM College, Udupi.

**MEMBERSHIP IN ACADEMIC ORGANIZATIONS: As per the table**

17. **INVITED LECTURES:**

 Environment awareness Srinivas College of Education on 5th June 2014.

 Hope in the scope of Botany at Bhandarkars College Kundapura on 13th April 2016

18. **RESERCH WORK: PROJECT:**

 Completed Minor Research Project entitled “Study of Arbuscular Mycorrhizal Fungi (AMF) of Mangroves and Hedge plants in the coastal areas of Mangalore Taluk”. Financial assistance by UGC. Sanctioned date 23rd April 2008, Completed in 2010.

 **Recognised Ph.D guide** of Applied Botany, Mangalore University from September 2016

19 **ADMINISTRATIVE EXPERIENCE:**

i) Member of Internal Assessment Examinations of University College during the academic years 2009 onwards

1. Practical examiner (external) in various colleges affiliated to Mangalore University and as an internal in University College during all academic years.
2. Member of Board of Studies, Biotechnology Mangalore University (2013-16), Botany (2016-19), Environmental studies (2016-19).

Member of BOS Botany St. Aloysius College (2014-2017)

Member of BOE Mangalore University (2015, 16), St. Agnes College (2015, 16), St. Aloysius College (2015)

1. Paper setter (Botany) of Autonomous colleges, St. Agnes College (2013, 2015, 2016), St. Aloysius (2013, 2014, 2015, 2016), SDM College ujire (2013) and Mangalore University (2014, 2015, 2016)
2. Academic Counselor for B.Sc. CBZ I and II semester students.

**Worked as a Vice President of “Vanashree”** – Association of Botany teachers of Mangalore University 2006-16

**Presently Secretary** of Vanashree from April 2016

20. **CURRICULAR ACTIVITIES CONDUCTED:**

i) Taken special introductory theory and practical classes for the newly admitted First B.Sc. students to bridge with topics they have to study in their B.Sc. Degree.

ii) Conducted class seminars on various general topics related to Botany and General Science during all academic years.

 iii) Identified the locally available algae, Fungi, Bryophytes, Pteridophytes and Angiosperms collected by the Students for the submission during practical examination.

 iv) Conducted regular class tests after the completion of teaching of each unit.

21. **INNOVATIVE PROGRAMMES CONDUCTED:**

i) Taken students to field visits to study the phytogeography of coastal area and to create awareness regarding the importance of Biodiversity and its conservation. The places visited are Pilikula Science Centre, Urva, Sultan Batheri, Thannirbhavi Shobhavana Moodbidri, CPCRI Kasargod.

1. Guided the students in preparation of charts, models etc.
2. Encouraged the students to plant locally available medicinal plants in the College campus.
3. Organized a one day workshop for students on Mushroom cultivation at CPCRI Kasargod Krishi Vijnana Kendra October 2014.
4. Field survey by the students to different schools on waste management through science association.
5. Conducted various competitions on science models, biodegradable rangoli, flower arrangement etc.

22. **COUNSELLING AND GUIDANCE WORK:**

i) As a part of teaching profession, counseled and guided the slow learners by giving extra coaching during free hours, giving moral support during their difficult times.

ii) Encouraged the top scorers by giving additional supportive study materials collected from different books, journals, internet websites related to the subject.

iii) Provided the scope for group discussion in the class, especially to encourage the slow learners to discuss the subject with the top scorers.

1. Gave orientation to all the students regarding the preparation for the Examination (methods of revision and to answer the examination).
2. Vice President of Science Association 2014 -16 (May)

23. **CITATION INDEX :** -

24. **ANY OTHER:**

Worked as a Presiding Officer in the election of members for Legislative Assembly (Vidhana Sabha) held in March 2013.