

UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯಕಾಲೇಜು 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



ಪ್ರಾಂಶುಪಾಲಕಛೇರಿ,
ಯು.ಪಿ. ಮಲ್ಯರಸ್ತೆ, ಹಂಪನಕಟ್ಟ
ಮಂಗಳೂರು 575 001

Email: ucmangalore1@gmail.com Phone No: 0824 2424760 website: https://universitycollegemangalore.com

Criteria 3 - Research, Innovations and Extension

Key Indicator - 3.5 Collaborations

Metric 3.5.1.(Q_nM): Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, and Student exchange / internship year wise during the last five years

List of supporting enclosures

Sl. No.	Particulars
1.	Supporting documents of collaborative activities

Sudhale
NAAC Coordinator
NAAC Coordinator
University College
Mangalore

Anasuya
PRINCIPAL
University College, Mangalore
Principal

About E-conference

As we are aware about the fact that currently world is suffering from Covid-19 pandemic. COVID-19 pandemic has affected various sectors due to lockdown. Amongst these, the education is hit hardest. Being the backbone of the country, it is important that to have exchange of ideas using available technologies. Hence the global scientific community must become a key player on scientific and technological innovations, not only to combat the COVID-19 emergency, but also to impart true education to the academia and industry across the globe. In the era of physical distancing, the present conference has chosen an e-platform for the scientific community to share their ideas and research by organizing a two day international E-Conference on foldscope and its applications. (INECFAIA-20) Conference will include Keynote lectures, Invited lectures, Oral presentations and Poster presentations.



INTERNATIONAL E-CONFERENCE

(INECFAIA 20-21 June-20)

on



FOLDSCOPE AND ITS APPLICATIONS

Collaboratively Organized by

LYALLPUR KHALSA COLLEGE JALANDHAR, Punjab

FERGUSON COLLEGE (AUTONOMOUS), PUNE, MAHARASHTRA

SGK GOVT DEGREE COLLEGE VINUKONDA, GUNTUR, AP

ASSAM UNIVERSITY, SILCHAR

ABASAHEB GARWARE ARTS AND SCIENCE COLLEGE, PUNE, MAHARASHTRA

COTTON UNIVERSITY, GUWAHATI, ASSAM

ADP COLLEGE, NAGAON, ASSAM

K.M. INSTITUTE FOR P.G. STUDIES AND RESEARCH, PUDUCHERRY.

AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM, VALLANADU, TUTICORIN

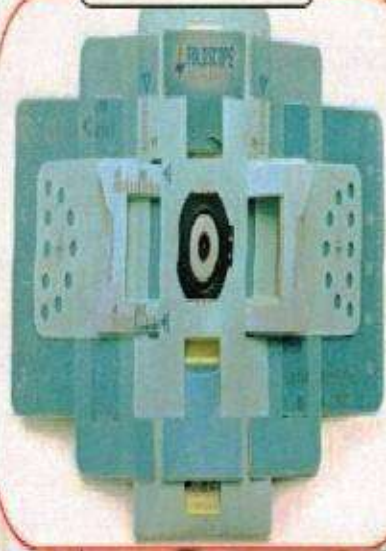
UNIVERSITY COLLEGE, MANGALORE UNIVERSITY, MANGALORE, KARNATAKA

Nizam College, Hyderabad

D. Vasanth
PRINCIPAL

University College, Mangalore

{INECFAIA-20}



CALL FOR ABSTRACTS

All the participants, for oral and poster presentations, in any area of foldscope are requested to submit an Abstract of about 300 words through email (foldscopeeditors@gmail.com) before June 17, 2020. Acceptance of the Abstracts will be intimated by 18 June, 2020 through e-mail.



Dr Manu Prakash, CEO,
Foldscope Instruments,
USA

REGISTRATION

Registration Fee:

- ✓ Rs 200: Faculty
- ✓ Rs 150: Research scholar
- ✓ Rs 100: Student

Bank details:

Account holder name: Arun Dev Sharma

Act no: 1549001300000759, IFSC code:
PUNB0154900, (plz share receipt by mail)

All participants should register online using the following link.

<https://forms.gle/tdf6U8hfkVPeSp77>

DATES AND TIMINGS

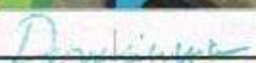
June 20- 2020: Time: 10.00Hrs
June 21- 2020: Time: 10.00Hrs
Google meet Link will be send to the registered participant through Email before 20 June 2020

CONTACT US

Mail: arundevarsharma47@gmail.com
Mob: 8558885524

Best papers
shall be
awarded

E-Certificates
will be given
post
participation


PRINCIPAL
University College, Mangalore

ORGANIZING COMMITTEE

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Dr. Vasu
PRINCIPAL

SPEAKERS

All the patrons will address the Participants during inaugural session



Dr Jagpreet Singh, [National Institutes of Health, USA](#)



Dr Shobha A. Waghmode, A. G. Arts and Science College, Pune



Dr Arun Dev Sharma
Lyallpur Khalsa College, Jalandhar



Dr Dr Gayatri Gurjar
Fergusson College Pune, Maharashtra



Dr Bharathi Prakash, University college, Mangalore University
Mangalore



Dr. Mahipal Singh Shekhawat, Kanchi M. G. Institute for
Postgraduate Studies and Research, Puducherry



Dr Anjane Singha Naorem, Cotton University, Guwahati,
Assam



Dr Nageswara Rao Amanchi, Nizam College, Hyderabad

Drvasingh



Dr KG Sabarinathan, Department of Plant Pathology, TNAU, AC & RI,
Killikulam, Vallanadu



Dr Anupama Harshat W



Dr Moumi Saitia, ACP College, Nagron-782002, Assam



Dr Indu Sharma, Assam University, Silchar



Dr M. Gomathy, Agricultural College and Research Institute, Killikulam,
Vallanadu, Jothkottai District, Tamil Nadu Agricultural University, Tamil Nadu



Dr Ch Tolina, Principal
SGS Government Degree College
Vizianagaram

Dr. Anupama

PRINCIPAL

University College, Mysore

Centre for Advanced Studies in Chemistry

Department of Chemistry
Savitribai Phule Pune University
Ganeshkhind Road
Pune - 411 007 (India)



Telephone : +91 (20) 25693981
(20) 25601393
Fax : +91 (20) 25691728
E-mail : office@chem.unipune.ac.in

Professor Sunita Salunke-Gawali

9420496643

Date: 06.03.2021

To,

Dr. Bharati Prakash

Sub: Samples for Biological studies

Dear Dr. Bharati

Please find herewith samples for biological studies. These samples are nontoxic, nonradioactive and will be used only for academic purpose.

Details of the samples I will sent you via e-mail.

Thanking you

With best wishes

Professor Sunita Salunke-Gawali

Prof. S. Salunke
Professor (Inorganic Chem.)
Department of Chemistry
Savitribai Phule Pune University
Pune-411007

PRINCIPAL
University College, Maharashtra

26/3/2021

Centre for Advanced Studies in Chemistry

Department of Chemistry
Savitribai Phule Pune University
Ganeshkhind Road
Pune - 411 007 (India)



Telephone : +91 (20) 25622852, 53
Fax : +91 (20) -25691728
E-mail : office@chem.unipune.ac.in

Professor Sunita Arun Salunke

Date: 22.03.2021

To,

The Principal,

University College Mangalore

Mangalore 575001

Sub: Regarding research Collaboration with Dr. Bharathi Prakash of the Department of Microbiology.

Dear Sir,

This is Professor Sunita Arun Salunke of the Department of Chemistry, Savitribai Phule Pune University. As per telephonic conversation, Dr. Bharathi Prakash and I agreed to research collaboration for your college's biological activity. In this collaboration, the compounds' synthesis and characterization will be carried out at the Department of Chemistry, while biological studies will be carried out at your institute. The students and Dr. Bharathi Prakash will be co-authored in the possible publication of this work.

As a part of this research collaboration, I am sending few compounds for the anti-inflammatory, antifungal, and antibacterial study of the compounds to Dr. Bharathi Prakash.

Kindly permit this research collaboration.

Thanking you in anticipations

Sincerely,

Professor Sunita Salunke

Prof. S. Salunke
Professor (Inorganic Chem.)
Department of Chemistry
Savitribai Phule Pune University
Pune-411007

PRINCIPAL
University College, Mangalore

cc: Dr. Bharathi Prakash, Department of Microbiology

26/3/21

UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು ಮಂಗಳೂರು

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಭೌತಿಕ ಕಾಲೇಜು

(ಸ್ಯಾಕ್, "ಐ" ಶ್ರೇಣಿ ಮತ್ತು ಯುಜಿಸಿಯಿಂದ ಶ್ರೇಷ್ಠತಾ ಸಾಮರ್ಥ್ಯದ ಸಂಸ್ಥೆ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

Office of the Principal,

Mangalore 575 001

Phone No: 2424760



ಪ್ರಾಂಶುಪಾಲರ ಕಛೇರಿ,

ಮಂಗಳೂರು 575 001

ದೂರವಾಣಿ ಸಂಖ್ಯೆ: 2424760

Date-26/3/2021

To,

Prof Sunita Salunke
Dept. Of Chemistry
Centre for Advanced Studies Chemistry
Savitribai Phule University
Ganeshkhind Road
Pune- 411007

Dear Madam,

With reference to your letter, I am pleased to know about this collaborative research work. I permit you for the research Collaboration with Dr.Bharathi Prakash of Microbiology department of our college in the U G Microbiology laboratory.

You can avail her expertise and facility in the department for research. I see to it that both the institutions benefit from this collaborative research including publications.

Dr. Sunita Salunke

PRINCIPAL

University College, Mangalore

[Signature]


Principal

University College, Mangalore

Despatched on 26/3/21

List of samples for Antibacterial/Antifungal Activity

Sr. No.	Sample code	Sr. No.	Sample code
1	✓ Ph	25	✓ NL-Ni
2	✓ MnPh	26	✓ NL-Zn
3	✓ CoPh	27	✓ NL-Co
4	✓ NiPh	28	✓ NL-Mn
5	✓ CuPh	29	✓ ILW
6	✓ ZnPh	30	✓ ILW-Cu
7	✓ MnPhRT	31	✓ ILW-Cu-ace
8	✓ CoPhRT - 2	32	✓ ILW-Zn
9	✓ NiPhRT	33	✓ ILW-Zn-ace
10	CuPhRT	34	✓ ILW-Mn
11	✓ ZnPhRT	35	✓ ILW-Co
12	✓ Lw	36	✓ NLOX
13	✓ MnLw	37	✓ NLOX-Cu
14	✓ CoLw	38	✓ NLOX-Co
15	✓ NiLw	39	✓ NLOX-Zn
16	✓ CuLw	40	✓ NLOX-Mn
17	✓ ZnLw		
18	✓ MnLwRT		NLOX-Ni Extra.
19	✓ CoLwRT		
20	✓ NiLwRT		
21	✓ CuLwRT		
22	✓ ZnLwRT		
23	✓ NL		
24	✓ NL-Cu		


 PRINCIPAL
 University College, Mysore

List of samples for anti-inflammatory activity

Sr. No.	Sample Code
1	Ni-1
2	Ni-2
3	Ni-3
4	Ni-4
5	Ni-5
6	Co-1
7	Co-2
8	Co-3
9	Co-4
10	Co-5
11	Zn-2
12	Zn-4
13	Zn-5
14	CM-1
15	CM-2
16	CM-3
17	CM-4

Aravindya
PRINCIPAL
University College, *Manjeri*

ANTIMICROBIAL STUDIES OF CHEMICAL COMPOUNDS

Forty two Anticancer chemical compounds were provided by Dr Sunita Gawali, Department of Chemistry, Savitribai Phule Pune University, Ganeshkhind Road, Pune for antifungal and antibacterial study. Antibacterial activity was tested against *Bacillus* and *E.coli* and Antifungal was tested against *Aspergillus niger* & *Aspergillus flavus*.



Dr. Sunita
PRINCIPAL
University College, Maharashtra

REQUEST LETTER FOR RESEARCH COLLABORATION

From

Dr. Steward Gracian
Dentist and BIRAC BIG Grantee
KIIT Technology Business Incubator (TBI)
Campus 11 KIIT University
Bhubaneswar – 751 024

To

The Principal
University College
UP Mallaya Road
Hampanakatta
Mangalore – 575001

Respected Sir,

SUBJECT: Request letter for in-vitro testing of our innovation 'Assistive Oral Care Device' in collaboration with Dr. Bharathi Prakash of the Microbiology department of University College, Mangalore

Sir, I am an individual innovator working on a dental innovation funded by BIRAC, a body under the Department of Biotechnology, Government of India. Along with a team of 2 engineers, I am developing a novel mouthpiece-based oral hygiene device for which I have filed a patent in the Indian Patent office. We have now finished the functional prototype of this device and are looking for expertise in lab testing of our device for its efficiency. In this regard, we are looking specifically to test our device by culturing artificial oral biofilms on naturally extracted human teeth and conduct further lab experiments on the same. Through my connection with India Biofilms society, I got the reference of Dr. Bharathi Prakash mam from the department of microbiology at your college for this purpose. I am now in the preliminary discussion with her to understand the possibilities of such as study under her guidance and supervision.

In this regard, before we proceed further, it will be helpful and appropriate if you as the head of the institution take a look at this specific requirement and give us the necessary official permissions to conduct such experiments at your institution's facilities in collaboration with the department of microbiology under the guidance of Dr. Bharathi Prakash mam. I hereby pledge to follow all the safety and ethical requirements as well as the terms and conditions laid out by your institution for this in-vitro study. I kindly request you to provide your valuable consent and permission for the above-mentioned purposes.

Thanking You

Chennai
10-03-2021

Yours truly,

Dr. Steward Gracian
PRINCIPAL
University College, Mangalore
Steward
Dr. Steward Gracian 10/03/2021

[Copy to Dr Bharathi Prakash, Head, Department of Microbiology, University College, Mangalore- 575001]



The BioIncubator is part of KIIT Technology Business Incubator (KIIT-TBI).
KIIT-TBI - supported by National Science & Technology Entrepreneurship Development Board (NSTEDB), DST, Govt - is a not-for-profit company incorporated under Section 25 of the Companies Act, 1956 (CIN: U80302OR2009NPL011211)



UNIVERSITY COLLEGE MANGALORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕಾಲೇಜು ಮಂಗಳೂರು

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಘಟಕ ಕಾಲೇಜು

(ನ್ಯಾಕ್, "ಏ" ಶ್ರೇಣಿ ಮತ್ತು ಯುಜಿಸಿಯಿಂದ ಶ್ರೇಷ್ಠತಾ ಸಾಮರ್ಥ್ಯದ ಸಂಸ್ಥೆ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

Office of the Principal,

Mangalore 575 001

Phone No: 2424760



ಪ್ರಾಂಶುಪಾಲರ ಕಛೇರಿ,

ಮಂಗಳೂರು 575 001

ದೂರವಾಣಿ ಸಂಖ್ಯೆ: 2424760

UCM/Collaboration/2020-21/S1/3954

Date-26/3/2021

To,

Dr. Steward Grecian
Dentist and BIRAC BIG Grantee
KIIT Technology Business Incubator (TBI)
Campus 11 KIIT University
Bhubaneswar -751024

Dear Dr Steward,

Ref: Your letter Dated 10.03.2021

With reference to your letter, I am glad to know about your innovation and I congratulate you for your Unique Innovation of 'Assistive oral Care Device' funded by BIRAC. I permit you to carry out the Biofilm research work collaborated with Dr.Bharathi Prakash of Microbiology Department of our college at U G laboratory.

We encourage such interdisciplinary research work that benefits both the institutions including publications.

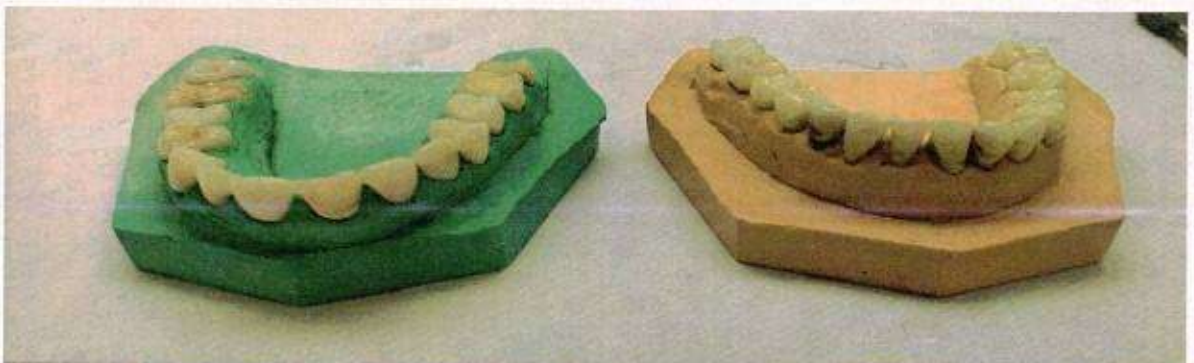
Dr. Steward
PRINCIPAL
University College, Mangalore

Yours Faithfully

[Signature]
26/3/2021
PRINCIPAL

University College
Mangalore - 575 001, D.K

EVALUATION OF MICROBIAL COUNT ON THE DENTURE BIO FILM TO CHECK THE EFFICIENCY OF ORAL CARE DEVICE DESIGNED BY SOCIODENT START UP.



Denture bio film was studied and the bacterial count in the biofilm before and after brushing with oral care device was done.

D. Srinivas
PRINCIPAL
University College, Mangalore



Mangalore University
University College, Mangalore

(ACCREDITED WITH NAAC 'A' GRADE
AND A COLLEGE WITH POTENTIAL FOR EXCELLENCE)

Department of Microbiology

&

**Indian Institutes of Science, Education and
Research, (IISER) Pune**

Organizing a



DEPARTMENT OF
BIOTECHNOLOGY

Ministry of Science & Technology



IISER PUNE

NCCS

National Centre
for Cell Science



Persistent



Webinar on

How to Read Scientific Literature?
and
Introduction to MANAV - The Human Atlas Initiative

On

12th June 2020, Time : 11 - 12 pm.

Speaker : Dr. Anupma Harshal W.
Consultant

Science Communication and Public Engagement for
MANAV Project, IISER, Pune.

COORDINATORS

DR. BHARATHI PRAKASH
HEAD
DEPT OF MICROBIOLOGY

DR. UDAY KUMAR M A
PRINCIPAL
UNIVERSITY COLLEGE, MANGALORE

Registration Link

<https://forms.gle/4JJaC6DEqPfrDhcPG8>

Dr. Uday Kumar M A
PRINCIPAL
University College, Mangalore



Certificate of Appreciation

Project MANAV -The Human Atlas Initiative is a citizen science initiative that aims to build a human atlas by the curation of all available macro to micro-level information from life science literature and public databases. This is a collaborative project between NCCS, IISER-Pune and Persistent Systems, funded by Department of Biotechnology, GOI and co-funded by Persistent Systems Ltd.

One of the initiatives run by Project Manav for college students is a -Webinar on "How to read Scientific literature" that covers:

- (1) An in-depth presentation on "How to read scientific literature?"
- (2) An introduction to project "MANAV" explaining how students can participate and contribute to this national level initiative.

We put on record an appreciation for **Dr. Bharathi Prakash** who served as the **Faculty Coordinator** for the event hosted on 06/12/2020 at University College Mangalore, Karnataka.

Team MANAV takes this opportunity to extend best wishes to students and staff of your college and looks forward to your continued participation in this project.

Best wishes,

Prof M. V. Krishna Sastry
Project Co-Ordinator &
Principal Investigator,
Scientist G, NCCS, Pune

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
Persistent LABS, Pune


PRINCIPAL

University College, Mangalore



**MANIPAL COLLEGE
OF PHARMACEUTICAL SCIENCES**

MANIPAL

A constituent institution of Manipal University

27 October, 2017

To,
Dr. Bharathi Prakash
Associate Professor
Dept. of Microbiology
University College Mangaluru
Mangalore

Dear Madam,

Sub: Request for permission to use the laboratory facilities

My Ph.D. student, **Mr. Vivek Ghate M** is working on formulation and development of a pharmaceutical product. He requires to carry out a few microbiological studies in this regard.

As communicated earlier by him, he would like to do the microbial susceptibility tests at your Institution.

Hence, I would like to kindly request you to grant him permission to use the facilities of the laboratory to carry out his research work.

We are extremely grateful for your support in conducting the research.

Thanking you.

Yours faithfully,

Dr. Shaila A. Lewis
Associate Professor Senior Scale
Dept. of Pharmaceutics

PRINCIPAL
University College, Mangaluru