



Chief Patron:

Hon. Ajit Pawar
(President Pune District Education Association Pune,
Deputy Chief Minister, Government of Maharashtra)



Patrons:

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(Vice President, PDEA, Pune)

Hon. Adv. Sandeep Kadam
(Hon. Secretary, PDEA, Pune)

Hon. Adv. Mohanrao Deshmukh
(Treasurer, PDEA, Pune)

Hon. L. M. Pawar
(Deputy Secretary, PDEA, Pune)

Hon. A. M. Jadhav
(Joint Secretary, Administration, PDEA, Pune)



Two Days International e- Conference
7th and 8th September 2021

Golden Jubilee Year

Advisory Committee

- Dr. N. R. Karmalkar, V. C., Savitribai Phule Pune University (SPPU)
Dr. N. S. Umrani, Pro V.C., SPPU
Dr. M. G. Chaskar, Dean, Faculty of Science & Technology, SPPU
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Dr. A. J. Khandagle, Principal, Prof. Ramkrishna More College, akurdi
Dr. V. M. Shinde, Principal, Annasaheb Waghire College, Otur

- Prof. Sucheta N. Patil, *Chairman BOS Microbiology* (SPPU)
Dr. A. M. Deshmukh, President, Microbiologist Society, India
Dr. J. M. Khire, President, AMI-Pune Unit
Smt. Hemlata V. Sonawane, Head, Microbiology, Waghire College, Saswad

Chair person:

Dr. M. G. Chaskar

(Dean, Faculty of Science and Technology, SPPU, Pune)

Local Organizing Committee

Convener:

Dr. Pandit N. Shelke

(Principal, A. M. College, Hadapsar, Pune)

Co-Convener

Dr. A. B. Mane (Vice Principal)

Dr. P. P. Mulay (Vice Principal)

Dr. R. P. Joshi (Coordinator, IQAC)

Coordinators and Contact Persons

Coordinator:

Prof. Neha Nitin Patil-

Co-Coordinator:

Prof. Mangesh V. Deshpande

Committee Members

Dr. Ujwala. V. Khisti

Dr. Shubhangi. R. Shinde

Ms. Meghmala S. Waghmode

Ms. Urmila G. Dhangar

Mr. Dhananjay S. Bagde (O. S.)

Mr. Sanjay C. Jedhe



Two Days International e-Conference

on

“Pioneering Research in Microbiology and Environmental Sciences”

7th and 8th September 2021

Organized by
Department of Microbiology
(Research Centre)
Pune District Education Association’s
Annasaheb Magar Mahavidyalaya,
Hadapsar, Pune – 411028,
Maharashtra, India
<http://www.pdeaamcollege.edu.in>

About Pune District Education Association (PDEA)

The Trust was established in 1941, much before Independence by Late Shri Baburaoji Gholap with the philosophy of eradicating illiteracy in rural areas of Pune district thereby bringing about social upliftment of the masses. The mission of the trust is “बहुजन हिताय बहुजन सुखाय” and this is being accomplished by the trust through providing quality education. The efforts of the trust have been recognized by the government of Maharashtra and society and it was awarded the “Best Educational Institution” by Maharashtra in the year 2000. The trust is spearheaded by Hon'ble Deputy Chief Minister of Maharashtra Mr. Ajit Pawar who through his dynamic abilities and vision has brought a facelift in the infrastructure facilities of the schools and colleges of the trust.

About the College

The College was established in the year 1971 at Hadapsar in the rural part of Pune District. The college efforts are converged towards the edification of the students, faculty and staff in particular and society at large. The college has the state of Art infrastructure and learning resources. The College has been reaccredited by National Assessment and Accreditation Council (NAAC), Bangalore in the year 2018. The college is recipient of the “Best College Award” by Savitribai Phule Pune University in the year 2014.

About the e-Conference

Microbiology and Environmental Science offers an integrated approach to deal with health care, agriculture and environment through innovation and advancement of technologies. Advent of Microbiology and Environmental Science and the applied disciplines play a vital role in research and development. This forum offers to raise the most challenging issues in current scenario and strategies among scientific community and academicians. There is sharing of research finding, technological advancements and new ideas in order to achieve sustainability in diverse facets of “Pioneering Research in Microbiology and Environmental Sciences”.

About e-Poster presentation:

e-poster on related topics will be accepted in PPT format. Allotted time will be 10 minutes. Best poster awards will be declared at concluding session and e-certificate will be sent via email.

Please submit E poster by email to ammicro@gmail.com or can be screen shared during presentation session.

Registration Details

Please confirm participation via link <https://forms.gle/HPbHmgKUjPEvNcWX8> by 2nd Sept 2021 and kindly join telegram group as per registration form link.

Registration fees:

Registration is mandatory for participation. *There is no registration fee.*

Schedule of Webinar

Time	Sr. No.	Name of the speaker	Name of institute
Day -01:-Tuesday 7th September 2021			
010:30 am to 11:30 am		Introductory speech by Principal Dr. Pandit N. Shelke Inauguration address by Hon. A. M. Jadhav (Joint Secretary, Administration, PDEA, Pune)	
11:30 am to 12:00 pm	1	Prof. Ananda Kumar Saha Keynote address Leather Industries Effluents: A conventional and Microbial Approach to Control Pollution	University of Rajshahi Rajshahi, Bangladesh Ex. Pro Vice-Chancellor
04:00 pm to 04:30 pm	2	Dr. Rajani Shakya Formulation and Evaluation of Plant Based Cosmetics	Kathmandu University, Nepal
04:30 pm to 05:00 pm	3	Dr. Rajapakshe Babilage Sanjitha Dilan Preparation of value-added iron oxide nano materials from galvanizing sludge	University of Kansas, Lawrence, Kansas, USA

Day -02:-Wednesday 8th September 2021			
Time	Sr. No.	Name of the speaker	Name of institute
10:00 am to 10:30 am	1	Dr. Ni Luh Suriani Sustainable agriculture in bali with PGPR and biopesticide <i>Piper caninum</i> leave extract	Udayana University Bali, Indonesia
10:30 am to 11:00 am	2	Dr. Rajani Mala Friendly Virus the Bacteriophage, A Potential Therapy for 21st Century Antibiotic Resistance Crisis	Central Department of Biotechnology, Tribhuvan University Kirtipur, Nepal
11:00 am to 11:30 am	3	Dr. Mir Niaman Ali Diagnosis of Food and water borne pathogens and important factor for food safety	Microbiology Section, Riyadh Municipality Central Area Labs, Riyadh, Saudi Arabia
11.45 am to 02.00 pm	e-Poster presentations (PPT) (Zoom Platform)		
Recess till 02.30 pm			
02.30 pm to 04.00 pm	e-Poster presentations (PPT) (Zoom Platform)		
04:00 pm to 05:00 pm	Valedictory Session Feed back by two participants Summary: Prof. Neha Nitin Patil Principal Address: Dr. Pandit N. Shelke Speech by President, Microbiologist Society, India Dr. A. M. Deshmukh Declaration of Best poster awards Valedictory speech by Dr. Venkat Ramrao Gunale Environmental Biologist Vote of Thanks Dr. Shubhangi R. Shinde		



Ananda Saha



Rajani Shakya



Sanjitha Rajapakshe



Dr. Ni Luh Suriani



Dr. Rajani Malla



Dr. Mir Niaman Ali

Guest Speakers of International e Conference
"Pioneering Research in Microbiology and Life Sciences" 7th and 8th September 2021

**Pune District Education association's Annasaheb Magar Mahavidyalaya
Hadapsar, Pune-411028**

Report on

“International e Conference of Microbiology Department 2021-2022

Theme: Pioneering Research in Microbiology and Life Sciences

Dates : Tuesday, 7th and Wednesday: 8th September 2021

On the occasion of Golden Jubilee Year of Pune District Education Association's Annasaheb Magar Mahavidyalaya, Hadapsar, and 34th Foundation Day of Department of Microbiology, a two days International e Conference was organized on 7th September and 8th September 2021. The theme of the conference was “Pioneering Research in Microbiology and Life Sciences”. This conference was jointly organized with Microbiologists Society of India.

There was overwhelming response from all over the globe. Total 615 participants enrolled for the conference; out of which 190 students, Research Scholars and Faculty shared their Power Point presentation on various topics related to the theme. External examiners from other colleges along with internal examiners from the department assessed the power Point Presentation and first three winners from each group were awarded prizes. Also three colleges were awarded prizes for the best participation

In the Inaugural function, on 7th September, Hon. A. M. Jadhav Joint Secretary (Administration) of PDEA, took an overview of the conference and encouraged the participants

The Key Note Address was delivered by Dr. Anand Kumar Saha, Ex. Pro V.C. of Rajshahi University, Bangladesh. He enlightened us with how to tackle with Leather Industry Effluent. Second lecture was given by Dr. Rajani Shakya, from Kathmandu University, Nepal. She explored plant based cosmetics with lot of potential. Third lecture was given by Dr. Rajpakshe B. S. D. from University of Kanas, USA on preparation Iron nanomaterial from effluent of Galvanizing industry.

Second Day, 8th September 2021 three guest lectures were delivered. First lecture was delivered by Dr. Ni Luh Suriani , from Udayana University, Bali, Indonesia. She explored role of PGPR and biopesticides. Second guest lecture was by Dr. Rajani Mala, from Tribhuvan University, Nepal, gave an alternative to treat antibiotic resistant pathogens using bacteriophages. Final third lecture was delivered by Dr. Mir N. Ali from Riyadh, Saudi Arabia emphasized on how to diagnose Food and Water borne pathogens and stated the importance of Food Safety.

In the next session, different Zoom links were made available to participants to present their e posters. External and Internal evaluators judged these posters and drew first three winners from each group. There was wide range of subjects chosen by students of UG and PG courses. Research scholars presented their research work done till date while faculty explained future aspects in Microbiology and Life Sciences. This was really an overflowing session with lots of participants eager to state their work.

The valedictory function was graced by environmental scientist Dr. Venkat R. Gunale Emeritus Professor from SPPU. He observed many online e posters and encouraged the participants. He gave valuable advice regarding environmental issues we are facing.

Dr. A. M. Deshmukh, Founder President of Microbiologists Society of India, also witnessed many e posters, and was glad to see the progress in the fields of Microbiology. He declared the names of Winners of the e posters from various groups and congratulated them.

Principal of our college, Dr. Pandit Shelke, gave detailed information of various activities run by Microbiology dept. of our college and gave well wishes to all the research students. Vice Principal Dr. Prashant Mulay and IQAC Coordinator Dr. Joshi R. P. also contributed to this e Conference.

This e Conference was successfully arranged with the tremendous efforts taken by Head of Department, Dr. Patil Neha N., Prof. Deshpande M.V., Dr. Khisti U.V, Dr. Shinde S. R., Prof. Waghmode M. S., Prof. Dhangar U. S. The office bearers Mr. Bagade Dhananjay, Mr. Jedhe Sanjay, Mr. Bargal Ramesh and Mr. Shinde Sachin also contributed their efforts in bringing this e conference up to the mark.