

FDP Schedule

Day-1 (29/01/2024)

11:15 am to 11:30 am Inaugural Session
11:30 am to 01:00 pm **Session by : Dr. Dharmesh Sur**
The basic and current needs of green environment for sustenance

Day-2 (30/01/2024)

10:15 am to 10:30 am Opening Session
10:30 am to 12:00 pm **Session by : Prof. (Dr.) Shailesh R. Dave**
Biohydrometallurgy for a sustainable Environment
12:00 pm to 01:30 pm **Session by : Dr. R.C. Upadhyay**
Cultivating Mushrooms to Recycle Agro, Industrial and Forest Waste for Environment Management

Day-3 (31/01/2024)

10:15 am to 10:30 am Opening Session
10:30 am to 12:00 pm **Session by : Dr. Devayani Tipre**
Unleashing Microbes: Microbial Approach to E-waste Treatment
12:00 pm to 01:30 pm **Session by : Dr. Gopal Kalambe**
Sustainable Practices in Healthcare Laboratories and Nurture Environment Responsibilities

Day-4 (01/02/2024)

10:15 am to 10:30 am Opening Session
10:30 am to 12:00 pm **Session by : Dr. Edwin Pithawala**
Adaptive Biotechnology: Mitigating Climate Change Effect on Living Systems

Day-5 (02/02/2024)

10:15 am to 10:30 am Opening Session
10:30 am to 12:00 pm **Session by : Prof. (Dr.) Sheetal Bhasin**
Energizing Sustainable Development Approach through Actinobacterial Metabolome
12:00 pm to 01:30 pm **Session by : Dr. Shweta Agrawal**
Analytical Approaches to Study Bioremediation

Day-6 (03/02/2024)

10:15 am to 10:30 am Opening Session
10:30 am to 12:00 pm **Session by : Dr. Ronak Chhaya**
Preserving Tomorrow: A Guide to Sustainable Environmental Practices
12:00 pm to 12:15 pm Closing Session

Registration

Interested candidate can register by filling the form at:

<https://forms.gle/zofsv5w5m1LEC1Av9>

For participating and receiving the certificate of FDP.

Note : Further details will be given after successful registration.



Patron
Dr. Anil Tomar
(Provost, Rai University)

Co-Patron
Dr. Brijendra Singh Yadav
(Registrar, Rai University)

Convener **Dr. Pradeep Kumar Singh**
Head, Rai School of Sciences

Co-Convener **Mr. Veerendra Singh Nagoria**
Assistant Professor,
Rai School of Sciences

Coordinator
Dr. Shital Thacker
Assistant Professor, Rai School of Sciences

Organizing Committee

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Rai School of Sciences

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Rai University
EVOLVING THINKING MINDS

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REGISTRATION FEES : 300

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Rai University
EVOLVING THINKING MINDS



6-Days Virtual Faculty Development Programme



Environmental Management For Sustainable Development

29th Jan to 3rd Feb, 2024

Organized by :

**Rai School of Sciences,
Rai University, Ahmedabad**



About Rai University

Established by Gujarat State Legislature under Gujarat Act No. 12 of 2012, Rai University provides world class education and empowering opportunities catering to all sections of society.

Rai University is committed to promote Academic and Research activities. Nurtured with passion and powered by intellect, Rai University ignites in its Scholars the spirit of Innovation, Dynamism, Professionalism to build a brighter and successful career for them.

Our Mission is to inspire the Stakeholders to realize their optimum potential resulting in a positive impact on the Society. Rai University endeavours International partnerships that promotes exchange of ideas and resources, creating opportunities for excellence in higher education.

Vision : To produce professional graduates and responsible citizens to serve the changing needs of the nation and the world

Mission : To promote learner centric perspective by strengthening and providing facilities, resources to facilitate quality education.
To enrich learners’ skills for lifelong learning and professional ethics.
To build- up collaboration with corporate Industry for advanced learning and promote innovative practices.

About FDP

Environmental management is crucial for preserving resources and ensuring a sustainable future for generations. And biotechnology is integral for sustainable development by offering innovative solutions for conservation, pollution control, and resource sustainability. Empowering educators through a dedicated faculty development program on environmental management to catalyze sustainable practices and interdisciplinary approaches within higher education. With this objective, Rai School of Sciences, Rai University is organizing a six days online faculty development programme on “Environmental Management for Sustainable Development” for students aspiring to undertake research careers, registered Ph.D. scholars, and faculty members. The present virtual faculty development programme will equip the participants with practical tools and knowledge to integrate environmental management principles into their teaching and research effectively.

FDP Objectives

1. Integrate Sustainability Education: Provide tools and insights to integrate sustainability and environmental awareness into their teaching methodologies.
2. Promote Innovative Approaches: Facilitate exploration and understanding of innovative biotechnological methods for environmental conservation and waste management.
3. Enhance Environmental Responsibility: Equip the knowledge and practices to foster environmental responsibility, specifically focusing on healthcare labs.
4. Address Climate Change Challenges: Develop a comprehensive understanding of adaptive biotechnology to mitigate climate change impacts on living systems.

FDP Content

1. Sustainable Environmental Practices
2. Microbial technology for E-waste Management
3. Mushroom cultivation by Waste Recycling
4. Biohydrometallurgy as approach for waste management
5. Sustainability by Actinobacterial metabolites
6. Sustainable Practices in Healthcare
7. Climate Change effect on living organisms
8. Bioremediation Analysis
9. Needs of green environment for sustenance

Who Can Attend?

This Programme is open to the faculty members and research scholars, associates from University, colleges and research organization.

Speakers

Dr. Dharmesh Sur

Associate Professor,
Chemical Engineering,
Marwadi University.



Prof. (Dr.) Shailesh R. Dave

Managing Director,
Xaviers Research Foundation, Loyola center
for research and Development, Ahmedabad



Dr. R.C. Upadhyay

Mushroom Consultant
& Ex- ICAR Principal Scientist



Dr. Devayani Tipre

Associate Professor,
Department of Microbiology & Biotechnology,
School of Sciences,
Gujarat University, Ahmedabad



Dr. Gopal Kalambe

Technical Manager & Director,
Hitech Scientific Healthcare Laboratories,
Ahmedabad, Guajarat



Dr. Edwin Pithawala

Associate Professor,
Department of Microbiology, Silver Oak
Institute of Science, Silver Oak University



Prof. (Dr.) Sheetal Bhasin

Prof. and Head, Department of Bioscience,
Maharaja Ranjit Singh College of
Professional Sciences, Indore, M.P. India



Dr. Shweta Agrawal

Associate Professor,
Shri Vaishnav Vidhyapeeth Vishwavidyalaya,
Indore, M.P., India.



Dr. Ronak Chhaya

Director Research and Development
(India & SouthEast Asia), AlgaEnergy, S.A.

