

REPORT: EXPERT TALK ON “MULTIPLE GEETAS IN THE INDIAN KNOWLEDGE SYSTEM”

Academic Year: 2024–2025 | Quarter: 4 | Mode: Online | Date: 26 December 2024



The School of Natural and Applied Science, Vikrant University, Gwalior, under the aegis of the Institution’s Innovation Council (IIC), organized an insightful **Expert Talk on “Multiple Geetas in the Indian Knowledge System”** on **26th December 2024**. The event aimed to delve into the lesser-explored diversity of Indian philosophical traditions by examining various “Geetas” beyond the well-known Bhagavad Gita.

With an active participation of **55 students and faculty members**, the session was delivered in **online mode**, enabling broader accessibility and interaction.

The talk offered a **holistic view of the plurality of Geeta texts**, shedding light on their conceptual frameworks, philosophical teachings, and their embeddedness in Indian epistemology, metaphysics, literature, and cultural ethos. Through scholarly exposition and interactive dialogue, participants explored how different Geetas convey varied schools of thought and spiritual disciplines, offering rich insight into India’s civilizational wisdom.

Key Objectives Covered:

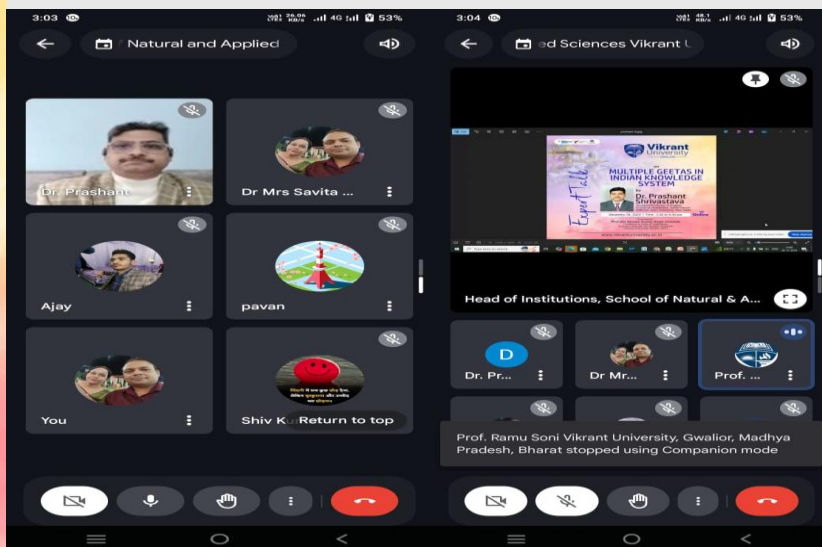
- Understanding Geetas beyond the Bhagavad Gita
- Exploring philosophical diversity across texts
- Cultural and literary relevance of Geetas

- Drawing contemporary relevance from ancient wisdom
- Fostering interdisciplinary connections within Indian Knowledge Systems

Participants gained skills in **textual interpretation, critical analysis, interdisciplinary integration, ethical decision-making, and public speaking**. The program also encouraged **cultural literacy** and **spiritual reflection**, emphasizing the relevance of ancient Indian knowledge in addressing modern ethical and societal challenges.

WEBINAR ON “ENVIRONMENTAL CONSCIOUSNESS: SHAPING A SUSTAINABLE FUTURE”

Academic Year: 2024–2025 | Quarter: 4 | Mode: Online | Date: 23 December 2024



The School of Natural and Applied Science, Vikrant University, Gwalior, successfully organized a **Webinar on “Environmental Consciousness: Shaping a Sustainable Future”** on **23rd December 2024**, under the banner of the **Institution’s Innovation Council (IIC)**. This intellectually enriching event brought together **45 students and faculty members** in a virtual format to explore environmental awareness as a cornerstone of sustainable development.

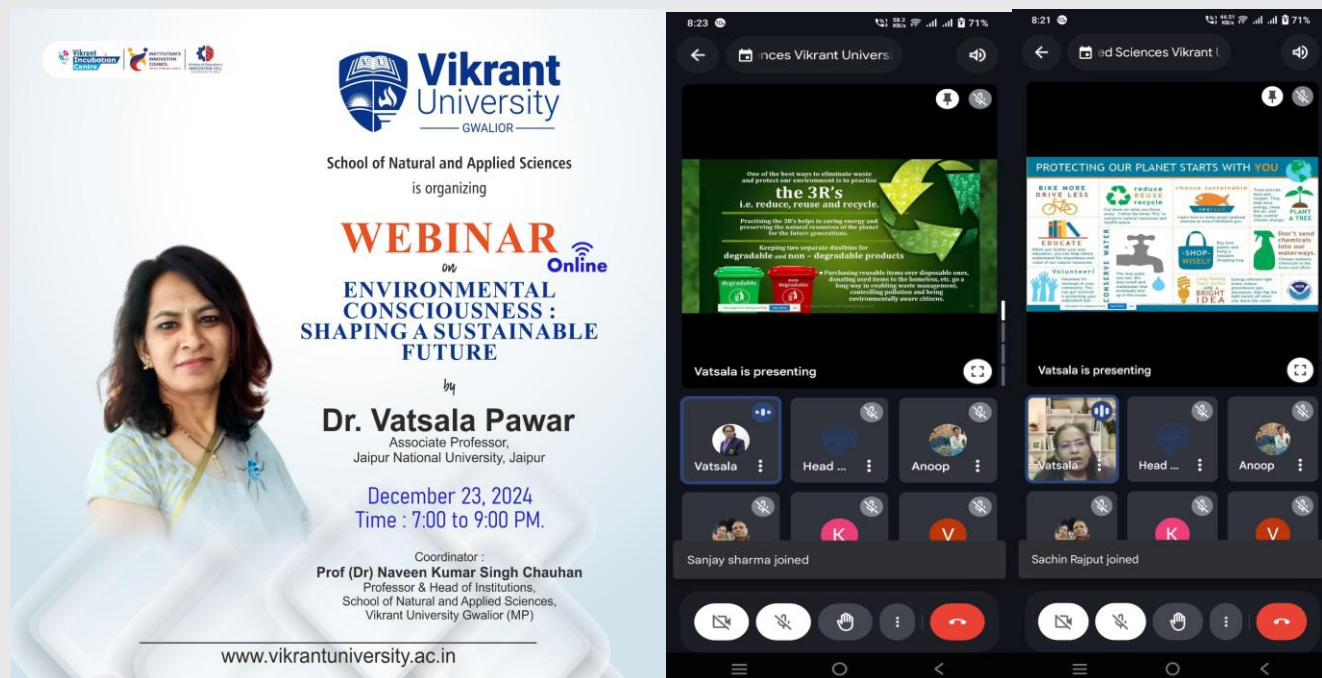
The webinar was designed to **raise environmental awareness, inspire innovative thinking, and promote actionable sustainable practices**. Through insightful presentations and engaging discussions, the session encouraged participants to reflect on global environmental challenges—such as climate change, pollution, and biodiversity loss—and the collective responsibility to combat them.

Key Objectives of the Webinar:

- Promote understanding of current environmental challenges
- Highlight sustainable practices for individuals and communities
- Encourage innovation and technological solutions
- Foster environmental responsibility and collaborative efforts
- Support academic goals by integrating sustainability into education

ONLINE WORKSHOP ON THE NAAC ACCREDITATION PROCESS ON 24TH JANUARY 2025

The School of Natural and Applied Sciences at Vikrant University, Gwalior, successfully organized an Online Workshop on the NAAC Accreditation Process on 24th January 2025, under the aegis of the Institution's Innovation Council (IIC). The workshop was designed to empower faculty members with the essential knowledge, skills, and tools necessary for navigating and contributing effectively to the National Assessment and Accreditation Council (NAAC) accreditation process.

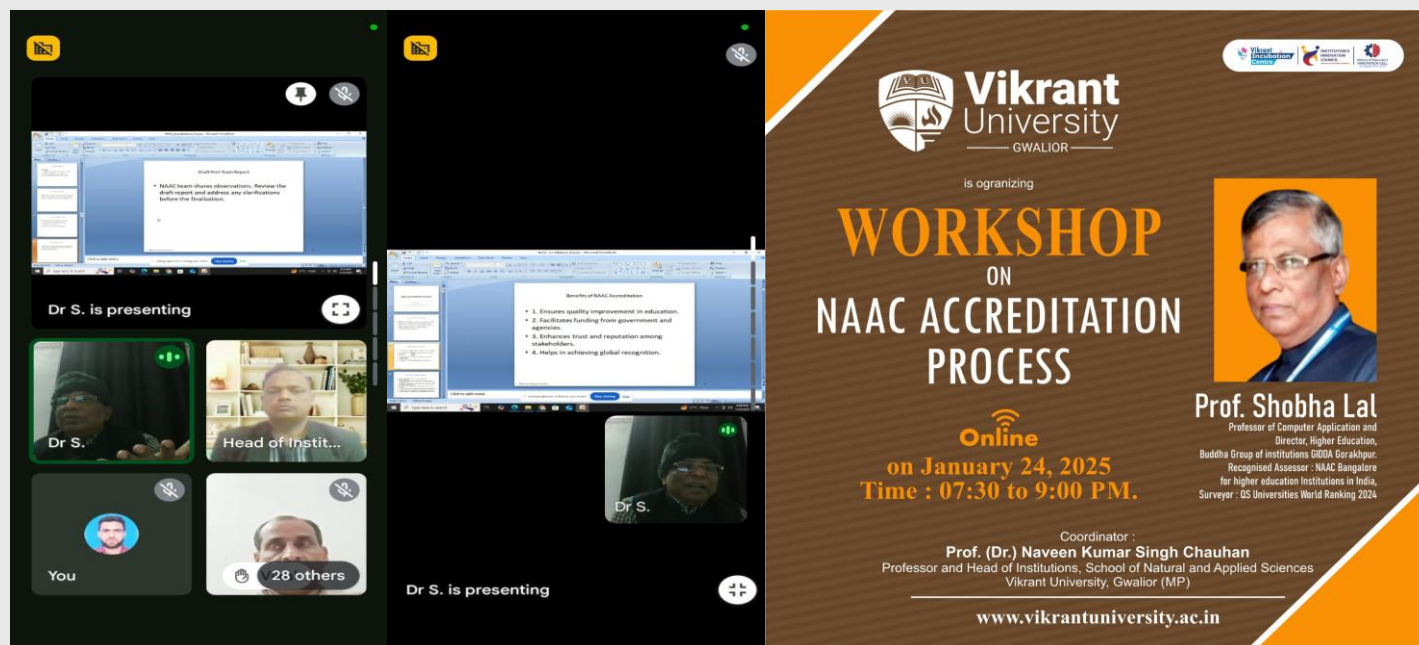


The workshop aimed to:

- Provide a comprehensive understanding of the **NAAC accreditation framework**, criteria, and standards.
- Guide participants through the **entire accreditation process**, including **SSR (Self Study Report) preparation**, stakeholder roles, and documentation.
- Enhance faculty skills in **data analysis**, **report writing**, and **internal quality assurance**.
- Encourage a culture of **self-evaluation**, **continuous improvement**, and **team-based planning** for institutional growth.
- Promote the use of **best practices**, peer review awareness, and project management tools in accreditation planning.

THE WORKSHOP ON NAAC ACCREDITATION PROCESS

It was a highly interactive and insightful event that empowered **75 faculty members** with practical knowledge and skills for institutional quality enhancement and accreditation readiness. The School of Natural and Applied Sciences remains committed to fostering a culture of academic excellence and continuous improvement aligned with national standards.



Expert Talk on “Teaching Strategies to Keep Classes Interesting”

To foster innovative and engaging pedagogical practices, the **School of Natural and Applied Science**, Vikrant University, Gwalior, under the auspices of the **Institution's Innovation Council (IIC)**, organized an **Expert Talk on “Teaching Strategies to Keep Classes Interesting”** on **9th August 2024**. This insightful session was conducted online, with active participation from **65 students**.

The session focused on modern, research-backed strategies that promote **active learning, collaboration, and critical thinking**, ensuring that classrooms become hubs of curiosity and creativity rather than passive learning spaces. From using digital tools and flipped classrooms to gamification and storytelling, the expert illustrated numerous ways to enhance student engagement and comprehension.

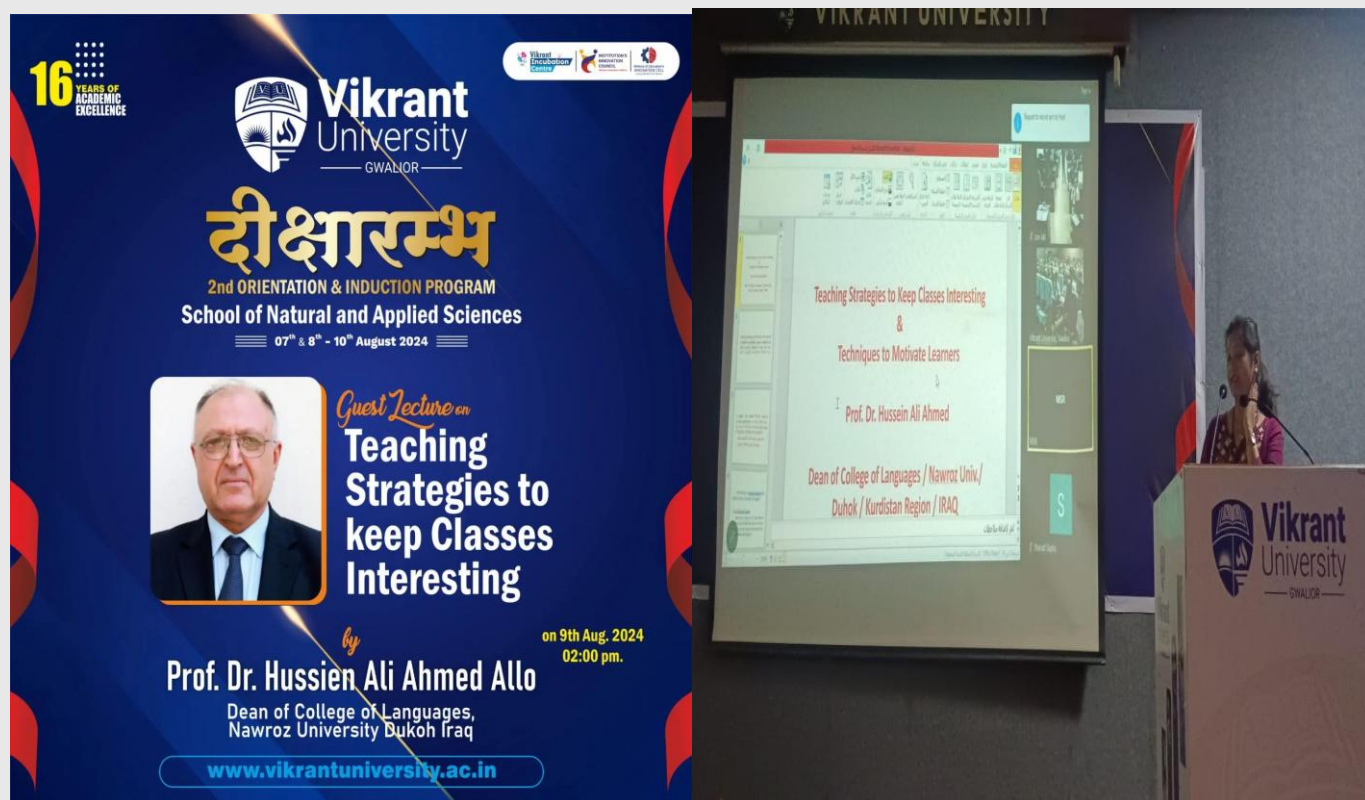
Key Themes Discussed:

- **Active Learning Techniques:** Group discussions, problem-based learning, think-pair-share
- **Technology Integration:** Use of tools like Kahoot, simulations, collaborative platforms
- **Flipped Classrooms & Gamification:** Pre-class activities, learning games, student incentives
- **Peer Learning and Expert Engagement:** Student presentations, collaborative projects, guest talks
- **Real-World and Ethical Learning:** Use of storytelling, real-life case studies, ethical debates

This expert talk not only equipped students with a dynamic understanding of how engaging classrooms transform learning experiences, but also emphasized the educator's role as a facilitator of dialogue, creativity, and lifelong learning.

EXPERT LECTURE ON FUTURE SCOPE IN SCIENCE AND TECHNOLOGY

In pursuit of its mission to deliver quality education and promote futuristic learning, the **School of Natural and Applied Science**, Vikrant University, Gwalior, in association with the **Institution's Innovation Council (IIC)**, organized an **expert lecture** on the topic **"Future Scope in Science and Technology"** on **9th August 2024** through **online mode**. The program witnessed active participation from **65 students** across various academic disciplines.



Objective of the Event:

To enlighten students about the emerging trends and opportunities in science and technology, enabling them to align their academic and career paths with future global needs.

Key Areas Explored:

- **Digital Health and Telemedicine:** Explored the role of AI and wearable technologies in transforming remote healthcare delivery and patient engagement.
- **Precision and Personalized Medicine:** Discussed the application of genomic and proteomic data in customizing treatment plans for improved outcomes.
- **Regenerative Medicine and Biotechnology:** Highlighted innovations such as stem cell therapies and 3D bioprinting for tissue and organ regeneration.
- **AI and Machine Learning in Healthcare:** Covered the use of algorithms and analytics for diagnosis, treatment planning, and process automation in clinical settings.

- **Nanotechnology in Medicine:** Focused on the use of nanodevices and nanosensors for targeted drug delivery and early disease detection.
- **Robotics and Automation in Surgery:** Presented advancements in robotic-assisted surgeries that enhance precision and patient recovery.

This expert talk served as a pivotal learning opportunity, providing students with critical insights into future scientific directions and skillsets required to navigate them successfully. It further strengthened the university's vision to cultivate **innovation-driven, research-oriented, and industry-ready graduates**.

EXPERT TALK: “RESEARCH AND ETHICS”

The School of Natural and Applied Sciences, Vikrant University, Gwalior, successfully organized an **Expert Talk on "Research and Ethics"** on **25th March 2025** via Google Meet. The session aimed to highlight the ethical dimensions of scientific research and promote responsible research practices among students and faculty.



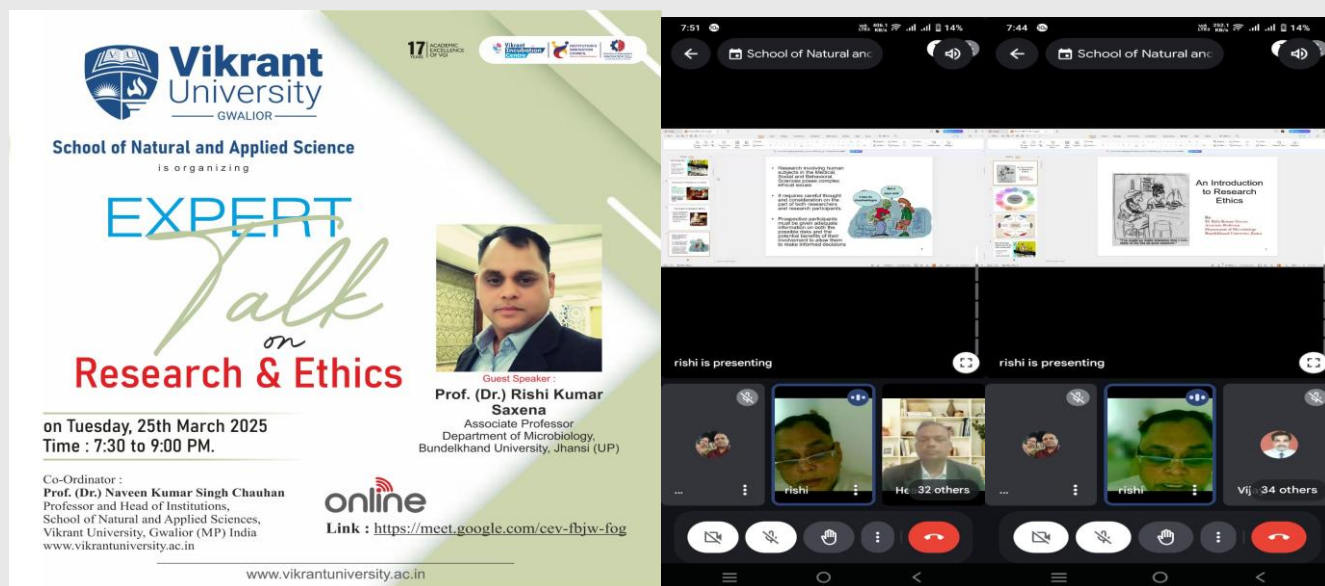
The event began with a formal welcome to **Dr. Rishi Saxena**, a distinguished academician and expert in microbiology and research ethics. In his address, Dr. Saxena emphasized the importance of upholding **credibility, transparency, accountability, and social responsibility** in academic research.

He discussed key issues including **plagiarism, data fabrication, falsification, authorship ethics**, and the broader impact of research misconduct. Dr. Saxena enriched the session with **real-life examples**, references to **case studies**, and **practical strategies** for maintaining ethical standards in scientific investigation.

Additionally, he shared insights from his own research experience in **medical microbiology, microbial pathogenesis, and antimicrobial resistance**, illustrating how ethics play a vital role in producing reliable, impactful science. The session concluded with an **interactive Q&A**, where students and faculty actively engaged with the speaker and received personalized guidance.

- Enhanced awareness about the **fundamental principles of research ethics** and their relevance in modern scientific work.
- Participants gained clarity on how to **avoid unethical practices** such as plagiarism and data manipulation.
- The event reinforced the **value of academic integrity** and promoted a culture of **responsible research**.
- An interactive platform allowed students to **clarify doubts** and receive expert suggestions on maintaining ethical rigor in their work.

WEBINAR ON “TEACHING AND LEARNING IN THE MODERN ERA”



The image displays a promotional poster for a webinar on the left and a screenshot of the Google Meet interface on the right. The poster is for an "EXPERT Talk on Research & Ethics" organized by Vikrant University, Gwalior, School of Natural and Applied Science. The guest speaker is Prof. (Dr.) Rishi Kumar Saxena, Associate Professor at Bundelkhand University, Jhansi (UP). The event is scheduled for Tuesday, 25th March 2025, from 7:30 to 9:00 PM. The co-ordinator is Prof. (Dr.) Naveen Kumar Singh Chauhan. A link to the Google Meet is provided: <https://meet.google.com/cev-fbjw-fog>. The screenshot shows the Google Meet interface with a presentation titled "An Introduction to Research Ethics" being displayed. The interface shows multiple video feeds of participants, including Prof. (Dr.) Rishi Kumar Saxena, and a chat window.

Vikrant University
Gwalior

School of Natural and Applied Science
is organizing

EXPERT Talk
on
Research & Ethics

on Tuesday, 25th March 2025
Time : 7:30 to 9:00 PM.

Co-Ordinator :
Prof. (Dr.) Naveen Kumar Singh Chauhan
Professor and Head of Institutions,
School of Natural and Applied Sciences,
Vikrant University, Gwalior (MP) India
www.vikrantuniversity.ac.in

online
Link : <https://meet.google.com/cev-fbjw-fog>

www.vikrantuniversity.ac.in

Guest Speaker :
Prof. (Dr.) Rishi Kumar Saxena
Associate Professor
Department of Microbiology,
Bundelkhand University, Jhansi (UP)

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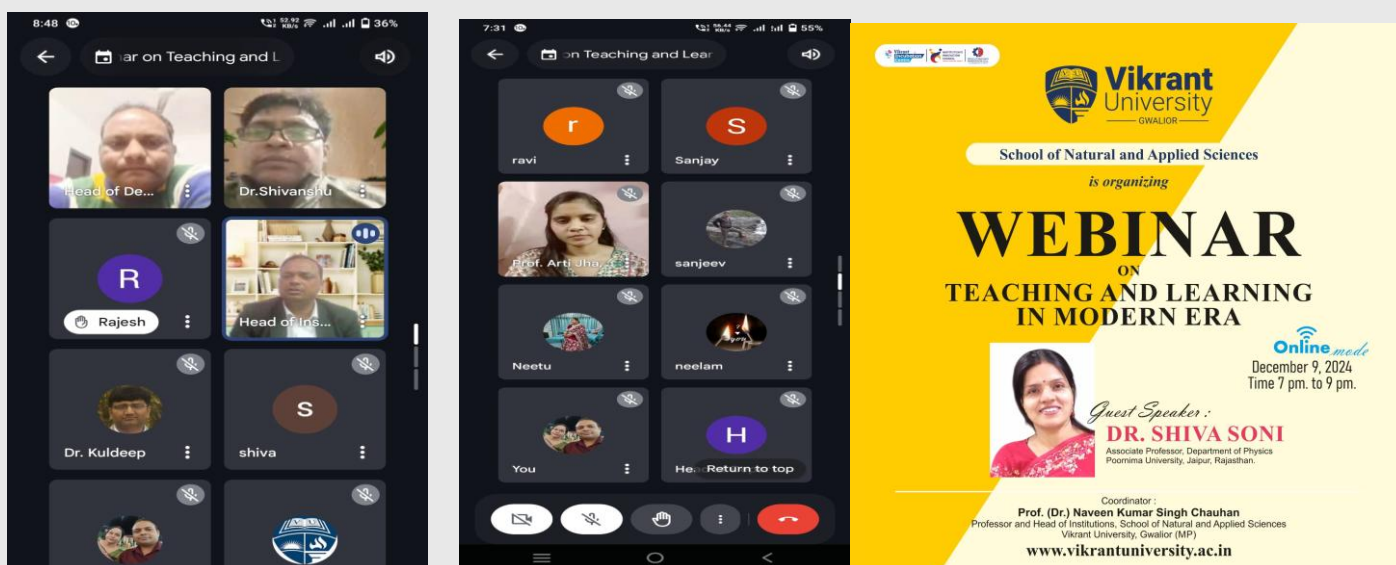
The primary objective of the webinar was to explore the evolving landscape of education in the 21st century and equip educators and learners with the knowledge, skills, and tools necessary to thrive in a modern learning environment.

- 1. Explore Modern Pedagogical Approaches**
 - Introduce innovative and learner-centric teaching methodologies.
- 2. Integrate Technology in Education**
 - Highlight digital tools, AI-driven learning platforms, and online teaching resources.
- 3. Foster Collaborative and Interactive Learning**
 - Share best practices for promoting student engagement through group-based activities.
- 4. Adapt to Evolving Educational Needs**
 - Address challenges in hybrid and personalized learning.
- 5. Promote Critical Thinking and Creativity**
 - Encourage approaches that enhance problem-solving and innovative thinking

The participants expressed immense appreciation for the session’s relevance, interactivity, and real-world applicability. The discussion offered them valuable insights to navigate contemporary educational challenges and inspired a mindset of innovation and adaptability.

The webinar concluded successfully, reinforcing Vikrant University’s dedication to excellence in teaching, innovation, and holistic education.

EXPERT TALK MARKS WORLD WATER DAY AT VIKRANT UNIVERSITY



In honor of **World Water Day** on **22 March 2025**, the *School of Natural and Applied Science* at **Vikrant University, Gwalior**, under the banner of the *Institution's Innovation Council (IIC)*, hosted a distinguished **Expert Talk** featuring two renowned speakers:

- **Dr. Beatriz Lucia Salvador Bizotto**, Postdoctoral Researcher and Tutor, Centre UNIFACVEST, Brazil
- **Dr. Hemant Pathak**, Assistant Professor of Chemistry, Indira Gandhi Government Engineering College, Sagar, M.P.

This insightful session, conducted in **online mode**, attracted active participation from students and faculty committed to water conservation and sustainability.

Dr. Beatriz Bizotto

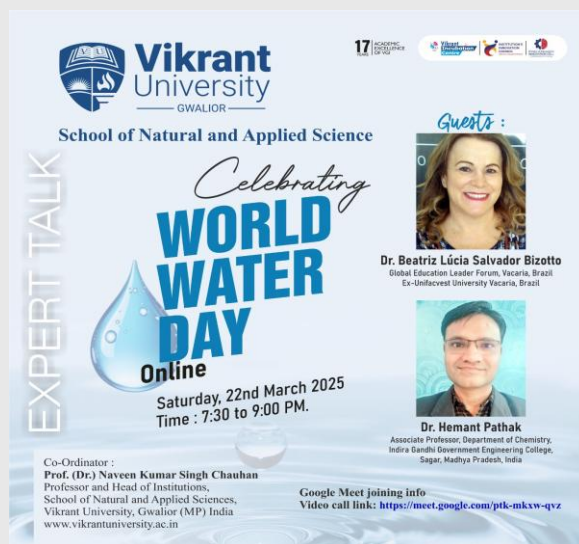
Dr. Bizotto shared perspectives on water sustainability through a global lens. Drawing on her background in governance, spirituality, and applied social sciences, she emphasized the connection between **cultural values and environmental stewardship**. Her presentation reflected on how traditional practices and international collaboration can support sustainable water management

Dr. Hemant Pathak

With extensive research in environmental chemistry, including studies on water quality in the Sagar region Dr. Pathak discussed **groundwater degradation, waterborne diseases**, and cost-benefit implications for local communities. He highlighted the importance of **scientific monitoring and policy frameworks** to ensure safe and sustainable water supplies.

Participants responded enthusiastically, praising the relevance and depth of the presentations. Many appreciated how the event bridged **technical clarity** with **cultural insights**, inspiring them to engage in meaningful water conservation initiatives locally.

INTERNATIONAL EXPERT TALKS MARK WORLD ENVIRONMENT DAY AT VIKRANT UNIVERSITY



Vikrant University
Gwalior

School of Natural and Applied Science

EXPERT TALK

Celebrating WORLD WATER DAY Online

Saturday, 22nd March 2025
Time : 7:30 to 9:00 PM.

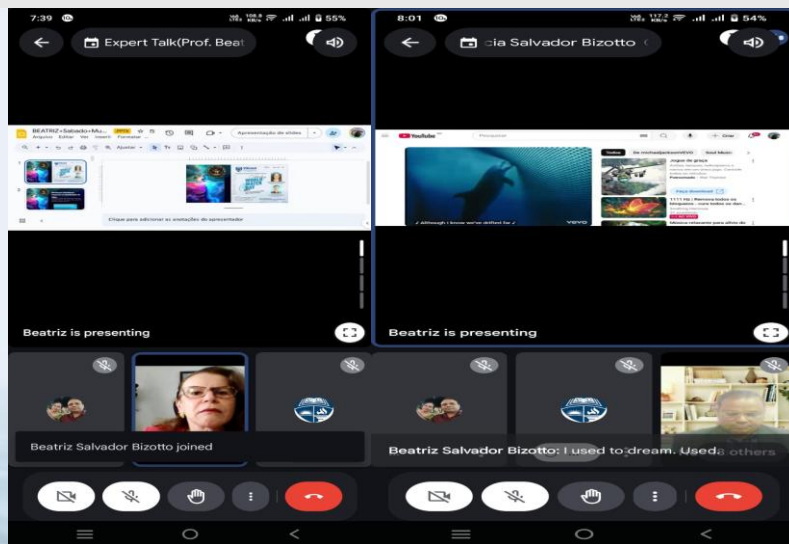
Guests :

Dr. Beatriz Lúcia Salvador Bizotto
Global Education Leader Forum, Vitoria, Brazil
Ex-Unifacvest University Vitoria, Brazil

Dr. Hemant Pathak
Associate Professor, Department of Chemistry,
Indira Gandhi Government Engineering College,
Sagar, Madhya Pradesh, India

Co-Ordinator :
Prof. (Dr.) Naveen Kumar Singh Chauhan
Professor and Head of Institutions,
School of Natural and Applied Sciences,
Vikrant University, Gwalior (MP) India
www.vikrantuniversity.ac.in

Google Meet joining info
Video call link: <https://meet.google.com/ptk-mkxw-qvz>



In observance of **World Environment Day 2025**, the **School of Natural and Applied Science**, Vikrant University, Gwalior, hosted a prestigious **International Expert Talk** on 5th June 2025. The event, conducted online, featured distinguished international speakers and attracted participation from students, faculty members, and environmental enthusiasts.

The theme of World Environment Day 2025, **“Land Restoration, Desertification, and Drought Resilience,”** provided the foundation for expert discussions, addressing urgent global challenges and promoting sustainable environmental action.



Vikrant University
Gwalior

WORLD ENVIRONMENT DAY CELEBRATION 2025

International Expert Talk
Time : 7:30 – 9:00 PM. (Online Mode)

5th June 2025

Dr. Habiba Nasraoui Ben M Rad
Lecturer and Researchers,
Economic Science, Govt of Tunisia

Prof. Dimitrios A Karras
National and Kapodistrian
University of Athens Greece

Dr. Enkeleda Lulaj
University Haxhi Zeka
Peja Kosovo

Coordinator :
Prof. (Dr.) Naveen Kumar Singh Chauhan
Professor and Head of Institutions
School of Natural and Applied Sciences
Vikrant University, Gwalior (MP) India

Organized by :
School of Natural and Applied Sciences,
Vikrant University, Gwalior (MP) India



Dr. Habiba Nasraoui Ben Mrad

Lecturer and Researcher, Economic Science, Government of Tunisia

Dr. Habiba emphasized the **economic impact of environmental degradation** and the importance of integrating **sustainable economic policies** to combat desertification. She shared valuable insights into Tunisia's national policies for sustainable agriculture and drought resilience.

Prof. Dimitros A. Karras

Professor, National and Kapodistrian University of Athens, Greece

Prof. Karras addressed the **role of artificial intelligence and data analytics** in environmental monitoring. He showcased case studies from Europe on **land degradation modeling**, AI-based water resource management, and green policy planning.

Dr. Enkeleda Lulaj

Faculty, University "Haxhi Zeka," Peja, Kosovo

Dr. Lulaj presented on **community-driven ecological restoration** and the significance of **education and civic engagement** in building a sustainable environment. She also discussed innovative practices in **eco-tourism and biodiversity conservation** from the Balkans region.

- Strengthened knowledge of **international environmental strategies** and climate resilience.
- Exposure to interdisciplinary approaches combining **technology, economics, and community action**.
- Enhanced awareness of the **UN Sustainable Development Goals**, especially **SDG 13, SDG 15, and SDG 17**.
- Motivation for students to undertake **green research and social responsibility projects**.