

ONE-DAY WORKSHOP on CHALLENGES OF 21st CENTURY EDUCATION AND INTRODUCTION TO OBE on 28.02.2025

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Invitation to participate in one-day workshop on “Challenges of 21st century education and introduction to OBE” by deptt. of ECE.

Communication Cell IUL <communications@iul.ac.in>
Bcc: faculty@iul.ac.in

Thu, Feb 27, 2025 at 1:58 PM

Dear Colleagues

It is a matter of great pleasure to inform you that the Department of Electronics and Communication Engineering is going to organize the one-day workshop on **“Challenges of 21st century education and introduction to OBE”** on 28.02.2025 from 06:30 pm onwards through online mode.

Platform: Online session **Google Meet Link:** <https://meet.google.com/imw-ghfd-ifz>

Date: 28.02.2025

Timing: 06:30 pm onwards

Topics Covered:

- Education designed to meet the needs of the modern world.
- Focusing on critical thinking, creativity, collaboration, and communication.
- Skills for the 21st Century
- Digital literacy and technology integration.
- Problem-solving and adaptability.
- Teaching Strategies
- Globalization and its impact on education.
- Introduction to OBE (Outcomes-Based Education)
- Challenges in Implementing OBE.

Resource Person: Prof. (Dr.) Somendra Shukla, Director GNITIPU, Greater Noida, India.

Dr. Somendra Shukla is the Director of the Greater Noida Institute of Technology (GNIT) in Greater Noida, India. With over 27 years of experience in teaching and academic administration, he has been associated with esteemed institutions such as G.B. Pant University, Agra University, Rohilkhand University, APJ Abdul Kalam Technical University, and IIITM Gwalior. Dr. Shukla is a certified Gen Emissary for the National Education Policy (NEP) 2020 and has expertise in Outcome-Based Education, student-centric teaching methodologies, and accreditation processes. He has trained over 3,000 engineering educators through Wipro's Mission10X program and is recognized as a certified international engineering educator. His leadership has been pivotal in guiding institutions toward NAAC accreditation and establishing Centres of Excellence, particularly in teaching and learning.

For any Query Please Contact;

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E-

Thanks & Regards

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Dr. Imran Ullah Khan

Associate Professor -II, ECE Deptt.

Conference General Chair, IEEE Conference CCTES-2024

PG, Program Coordinator

University Center Coordinator IIRS ISRO Outreach Programme

Senior Member IEEE

Member Institute of Engineers

Branch Counselor IEEE Student Branch

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**WELCOME TO SECOND IEEE INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND CHARACTERIZATION
TECHNIQUES IN ENGINEERING & SCIENCES (CCTES-24, NOVEMBER 15-16, 2024) <https://cctes.iul.ac.in/>**

Report: one-day workshop on “Challenges of 21st Century Education and Introduction to Outcome-Based Education (OBE)” organized by the Department of Electronics and Communication Engineering on 28.02.2025.

1 message

Communication Cell IUL <communications@iul.ac.in>
Bcc: ecfc@iul.ac.in

Thu, Mar 13, 2025 at 2:14 PM

**REPORT ON
ONE-DAY WORKSHOP**

ON

**“CHALLENGES OF 21st CENTURY EDUCATION AND INTRODUCTION TO
OBE”**

ORGANIZED BY

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

The Department of Electronics and Communication Engineering (ECE) successfully organized a one-day workshop on **“Challenges of 21st Century Education and Introduction to Outcome-Based Education (OBE)”** on 28.02.2025 at 06:30 pm in online mode. The workshop aimed to address the contemporary challenges in education and introduce faculty members and students to the principles of Outcome-Based Education (OBE), which is increasingly being adopted worldwide to improve the learning process and student outcomes.

Objectives of the Workshop

- To discuss the key challenges in 21st-century education.
- To introduce the fundamentals and significance of Outcome-Based Education (OBE).
- To provide insights into modern teaching-learning methodologies.
- To explore the role of technology in enhancing education.

Sessions and Key Highlights

The workshop featured engaging sessions conducted by Prof. (Dr.) Somendra Shukla, Director GNITIPU, Greater Noida, India an eminent speaker and education expert.

Dr. Somendra Shukla is the Director of the Greater Noida Institute of Technology (GNIT) in Greater Noida, India. Dr. Shukla is a certified Gen Emissary for the National Education Policy (NEP) 2020 and has expertise in Outcome-Based Education, student-centric teaching methodologies, and accreditation processes. His leadership has been pivotal in guiding institutions toward NAAC accreditation and establishing Centres of Excellence, particularly in teaching and learning.

The key topics covered included:

Session 1: Challenges in 21st-Century Education

The first session highlighted the rapid advancements in technology, the changing needs of learners, and the impact of globalization on education. Speakers emphasized the importance of adapting to new learning paradigms, promoting interdisciplinary knowledge, and enhancing student engagement.

Session 2: Introduction to Outcome-Based Education (OBE)

In this session, participants were introduced to the concept of OBE, which focuses on achieving predefined learning outcomes. The discussion covered key elements such as:

- Defining learning outcomes
- Assessment strategies
- Continuous improvement in curriculum

Session 3: Implementation Strategies for OBE

The final session provided practical insights into implementing OBE in academic institutions. Faculty members were guided on curriculum design, teaching methodologies, and assessment techniques that align with OBE principles. Case studies and best practices from various institutions were also shared.

Participants and Engagement

The workshop witnessed active participation from faculty members, researchers, and students from various disciplines. Interactive discussions and Q&A sessions allowed participants to gain a deeper understanding of the challenges and solutions in modern education.

Conclusion

The one-day workshop on “**Challenges of 21st Century Education and Introduction to OBE**” was highly informative and insightful. It provided a comprehensive overview

of the evolving education landscape and equipped participants with essential knowledge about Outcome-Based Education. The event concluded with a vote of thanks, expressing gratitude to the resource persons, participants, and organizers for making the workshop a success.

Recommendations and Future Scope

- Conduct more hands-on sessions on OBE implementation.
- Organize follow-up workshops for advanced learning and assessment techniques.
- Encourage research on innovative teaching methodologies to address 21st-century education challenges.

The workshop proved to be a significant step towards enhancing educational practices and ensuring quality learning outcomes in the field of Electronics and Communication Engineering and beyond. The Workshop was successfully coordinated by **Dr. Imran Ullah Khan** from department of ECE, Integral University, Lucknow.





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CERTIFICATE OF PARTICIPANT

ONLINE WORKSHOP

This Certificate is Presented to

Dr. Mohd Reyaz Ur Rahim

of Department of Mechanical Engineering has, successfully participated in Online Workshop on **“Challenges of 21st Century Education and Introduction to OBE”** held on **28, February 2025** organized by Department of Electronics & Communication Engineering, Integral University, Lucknow.

We are grateful for your interest and commitment to exploring Outcome-Based Education.

A handwritten signature in blue ink, appearing to read 'Imran Ullah Khan'.

Dr. Imran Ullah Khan

Associate Professor, Department of ECE
Integral University, Lucknow

A handwritten signature in black ink, appearing to read 'S. Hasan saeed'.

Prof. (Dr.) S. Hasan saeed

HoD, Department of ECE
Integral University, Lucknow



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CERTIFICATE OF PARTICIPANT

ONLINE WORKSHOP

This Certificate is Presented to

Dr. Mohd. Usama

of Department of Environmental Science has, successfully participated in Online Workshop on **“Challenges of 21st Century Education and Introduction to OBE”** held on **28, February 2025** organized by Department of Electronics & Communication Engineering, Integral University, Lucknow.

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Dr. Imran Ullah Khan

Associate Professor, Department of ECE
Integral University, Lucknow

A handwritten signature in black ink, appearing to read 'S. Hasan saeed'.

Prof. (Dr.) S. Hasan saeed

HoD, Department of ECE
Integral University, Lucknow



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CERTIFICATE OF PARTICIPANT

ONLINE WORKSHOP

This Certificate is Presented to

Dr. Nupur Mittal

of Department of Environmental Science has, successfully participated in Online Workshop on **“Challenges of 21st Century Education and Introduction to OBE”** held on **28, February 2025** organized by Department of Electronics & Communication Engineering, Integral University, Lucknow.

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A handwritten signature in blue ink, appearing to read 'Imran Khan'.

Dr. Imran Ullah Khan

Associate Professor, Department of ECE
Integral University, Lucknow

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Prof. (Dr.) S. Hasan saeed

HoD, Department of ECE
Integral University, Lucknow