

**Two Days National Workshop**  
**on**  
**Sustainable Development & Green**  
**Hydrogen Technology - 2025**  
**(SDGHT-2025)**

**(19-20 December, 2025)**

**Offline**  
**Mode**

**Organized by**



**Department of Applied Science & Humanities**  
**Rajkiya Engineering College Ambedkar**  
**Nagar-224122 (U.P.)**



**Dr. APJ Abdul Kalam Technical University**  
**Lucknow 226031 (U.P.)**



**THE WORKSHOP**

The emergence of **Green Hydrogen** as a clean, sustainable, and carbon-neutral energy carrier has opened new avenues in research, industry, and innovation. This two-days workshop aims to provide participants with a comprehensive understanding of green hydrogen production, storage, transportation and other applications, and future prospects.

**ABOUT REC**

Rajkiya Engineering College Ambedkar Nagar (REC Ambedkar Nagar) was established in year 2010 by Government of Uttar Pradesh under special component plan. The college has been started offering B.Tech Programme in 03 disciplines: Information Technology (IT), Electrical Engineering (EE) and Civil Engineering (CE) with intake of 60 seats in each branch from the session 2010-11. Institute also recognized as research centre of AKTU Lucknow offering PhD program in Applied Sciences & Engineering branches. The Institute is affiliated with Dr A.P.J. Abdul Kalam Technical University, Lucknow.



**ABOUT DEPARTMENT**

The **Department of Applied Science & Humanities (APSH)** at **REC Ambedkar Nagar** plays a foundational role in strengthening the academic framework of the institute. The department provides essential knowledge in **basic sciences and humanities**, enabling students to develop strong analytical, conceptual, and communication skills needed for engineering education.

**CONTENTS OF THE WORKSHOP**

The present workshop is intended to cover topics on sustainable development through Green Hydrogen Technology, such as:

- Need of Green Hydrogen for Sustainable Development.
- Green hydrogen production technologies
- Solar/Photocatalytic Hydrogen
- Biomass-based Hydrogen
- Hydrogen Storage & Transportation
- Safety Standards & Handling Guidelines
- India's Hydrogen Mission & Policy Landscape
- Industrial Case Studies & Career Opportunities.

**BENEFICIARIES**

The program is designed for **students, researchers, faculty members, and industry professionals** interested in renewable energy and hydrogen technologies.

### Chief Patron:

Prof. J. P. Pandey  
Hon'able Vice Chancellor, AKTU Lucknow

### Patron:

Shri. Narendra Bhooshan  
ACS, Department of Technical Education Govt. of U.P.  
& Vice Chairman-BOG  
Rajkiya Engineering College Ambedkar Nagar

### Co-Patron:

Prof. Dhananjay Singh  
Director  
Rajkiya Engineering College Ambedkar Nagar

### Coordinator:

Prof. Vishal Singh Chandel

### Co-Coordination:

Dr. Devendra Pratap Mishra  
Mr. Avaneesh Kumar Yadav

### Convenors:

Dr. Amit Kumar Singh  
Mr. Vivekanand Singh

### Organizing Committee:

Dr. Sushant Chaturvedi  
Dr. Amit Kumar Pandey  
Dr. Saurabh Srivastava  
Miss. Jyoti Kushwaha

### Advisory Committee:

Dr. Prabhudatt Dwivedi, Dean Academics  
Dr. Sharad Verma, DSW  
Dr. Sudhakar Tripathi, Head IT  
Dr. S.P. Singh, Head EE  
Mr. Amit Kumar Rai, Head CE

## RESOURCE PERSONS



**Dr. Mohit Kumar**  
Konkuk University, Seoul,  
Republic of Korea

**Prof. Vitthal L. Gole**  
MMMUT, Gorakhpur



**Prof. Arun Kumar Tiwari**  
IET, Lucknow

**Prof. Sushil Kumar**  
MNNIT, Allahabad



**Prof. G.L Devnani**  
HBTU, Kanpur

**Dr. Ravi Shankar**  
MMMUT, Gorakhpur



**Dr. Ajay Kumar Sharma**  
IET, Lucknow

## REGISTRATION

- No fee for participants from Industry/R&D institutions/ Faculty members/Scientists.
- Boarding, lodging and travel expenses should be borne by the participants.
- Certificates will be provided to the participants after successful completion of the workshop.

### Registration link

<https://forms.gle/rhCuVr1QTgaRtiqQA>



For any queries kindly contact:

**Dr. D. P. Mishra, 8127963298**  
[devendramishra@recabn.ac.in](mailto:devendramishra@recabn.ac.in)

### Get Directions



### Address

Rajkiya Engineering College Ambedkar Nagar Akbarpur  
– Tanda Road, Behind S.P Residence, Katariya  
Yakoobpur, Ambedkar Nagar (UP) – 224122

**Last date of Registration: 17<sup>th</sup> December 2025**  
**Approximate 60 participants will be accommodated**  
**on first come first serve basis**

A National  
**Workshop on**  
**Sustainable Development & Green Hydrogen Technology - 2025**  
**(SDGHT-2025)**  
**19-20<sup>th</sup> December, 2025**  
 Department of Applied Science & Humanities  
 Rajkiya Engineering College Ambedkar Nagar-224122 (U.P.) INDIA

**Tentative Schedule**

<b>19.12.2025 (DAY-1)</b>		
<b>Session</b>	<b>Timing</b>	<b>Name of the Speaker</b>
Registration	8:30-9:30 am	
Inaugural Session	9:30-10:15am	
Expert Lecture-I ( <i>Keynote Address</i> )	10:15-11:15 am	Dr. Mohit Kumar Konkuk University, Republic of Korea
High Tea	11:15-11:45 am	
Expert Lecture-II	11:45-12:45pm	Prof. G.L. Devnani (HBTU Kanpur)
Lunch	12:45-2:00 pm	
Expert Lecture-III	2:00-3:00 pm	Prof. Vitthal L. Gole (MMMUT Gorakhpur)
Tea	3:00-3:30 pm	
Expert Lecture-IV	3:30-4:30 pm	Dr. Ravi Shankar (MMMUT Gorakhpur)
<b>20.12.2025 (DAY-2)</b>		
Expert Lecture-V	10:15-11:15 am	Prof. Sushil Kumar (MNNIT Prayagraj)
Tea	11:15-11:45 am	
Expert Lecture-VI	11:45-12:45 pm	Prof. Arun Kumar Tiwari (IET Lucknow)
Lunch	12:45-2:00 pm	
Expert Lecture-VII	2:00-3:00 pm	Dr. Ajay Kumar Sharma (IET Lucknow)
Tea	3:00-3:30 pm	
Valedictory Session	3:30- 4:30 pm	