

### About REC Ambedkar Nagar

Rajkiya Engineering College (R.E.C.) Ambedkar Nagar was established by the Government of Uttar Pradesh. The college is offering B.Tech Programme in three disciplines – Information Technology (IT), Electrical Engineering (EE) and Civil Engineering (CE) with an intake of 60 seats in each branch. The students are extensively exposed to cross-cultural environments as candidates from other states such as Jammu & Kashmir, Madhya Pradesh, Rajasthan etc. also join this college. REC Ambedkar Nagar is a fully residential institution with five hostels for boys and one for girls presently.

### Department of Information Technology

The Department of Information Technology was established in 2010 with an intake of 60 students. The department has highly qualified, committed and well experienced faculty members with varied specializations. The faculties are involved in organizing and participating in several seminars, conferences and workshops in addition to their academic responsibilities. They have also published research papers in various national and international journals, presented papers in conferences in India. Over the years, the department has become a centre of excellence, providing in-depth technical knowledge and opportunities for innovation and research, with well-equipped computer facilities, virtual class rooms and

R&D labs. The IT Department is the first point of contact for the campus community by supporting telephone, computing, networking, and applications. The IT Department is dedicated to facilitate and enhance teaching, learning, and administrative services and to increase productivity and efficiency using information technology resources.

### About the STC

REC Ambedkar Nagar is pleased to announce a one week STC on “Transformative Technologies & its Applications” from September 22 – 26, 2025. The course aims to provide participants with practical knowledge and hands-on experience in emerging technologies. It will feature expert sessions, covering real-world applications and advanced tools for building secure, intelligent, and connected systems.

### Topics to be covered in the Program (Tentative)

- Introduction to Blockchain and IoT for Smart Systems
- Overview of Artificial Intelligence and Machine Learning
- Data Collection, Preprocessing, and Feature Engineering
- Predictive Analytics and Decision-Making Models
- Security and Privacy Challenges in AI, ML, Blockchain, and IoT

## One Week Short Term Course ON Transformative Technologies & its Applications (TTA-2025)

**September 22 – 26, 2025**

**Organized By**



### Coordinators

**Dr. Sharad Verma**  
**Dr. Shivendra Kumar Pandey**  
**Dr. Prince Rajpoot**

*Department of Information Technology*  
*Rajkiya Engineering College*  
*Ambedkar Nagar*  
*(AICTE Approved Government Engineering College, APJAKTU Code 737)*

### Who Can Apply

1. **B.Tech students** from AICTE-approved institutions
2. **Research scholars and postgraduate students**
3. **Participants from government organizations and industry**, including bureaucrats, technicians, and other professionals

### Registration(No Registration Fee)

1. For registration, please visit:  
<https://forms.gle/WxBqTFMY5AeebBDs8>
2. Fill in all the required details and upload the necessary documents (if applicable).
3. Please follow the instructions carefully.

### Issuance of certificate

Certificates will be awarded to participants who secure a minimum attendance of 80% in the program. Further, appearing in the final

online assessment test is compulsory for all participants.

### Mode of the STC

All expert sessions will take place **offline** through a suitable platform.

### Programme Schedule

The program schedule is attached below.

### Address for Correspondence

Dr. Sharad Verma  
Department of Information Technology,  
REC Ambedkar Nagar  
PIN-224122  
[sharad@recabn.ac.in](mailto:sharad@recabn.ac.in)

**The last date for registration is 20.09.2025.**

**A confirmation mail will be sent to the selected candidates by 21.09.2025**

**Chief Patron**  
**Prof. Jai Prakash Pandey**  
Vice-Chancellor of  
Dr. APJ Abdul Kalam  
Technical University

**Patron**  
**Prof. Dhananjay Singh**  
Director, REC Ambedkar Nagar

**Convener**  
**Dr. Sudhakar Tripathi**  
Head, IT Deptt., REC Ambedkar Nagar

**Coordinator**  
**Dr. Sharad Verma**  
**Dr. Shivendra Kumar Pandey**  
**Dr. Prince Rajpoot**

**Co-coordinator**  
**Dr. Ramesh Chand Pandey**  
**Dr. Ashish Kumar Mishra**  
**Dr. Amit Kumar**  
**Dr. Shivendu Mishra**

**Organizing Committee**  
**Prof. Vishal Singh Chandel** (HOD-APSH)  
**Dr. Surya Prakash Singh** (HOD-EE)  
**Mr. Amit Kumar Rai** (HOD-CE)  
**Dr. Prabhudatt Dwivedi** (Dean Academics)  
**Dr. Amit Kumar Singh** (Dean R&D)  
**Mrs. Shweta Tiwari**  
**Mr. Shashank Shekhar Tiwari**  
**Mrs. Ritika Yaduvanshi**