

DR. AKHILESH DAS GUPTA INSTITUTE OF PROFESSIONAL STUDIES

(Formerly ADGITM)

FC-26, Shastri Park, New Delhi

Department of Computer Science & Engineering

Academic Year 2025-26

NOTICE

Project Exhibition – UTKARSH 2026

The Department of Computer Science & Engineering is organizing a Project Exhibition during Utkarsh 2026. The following projects have been shortlisted for display.

1. OrbitBharat – (2nd Year)
2. AI-Enabled Hospital Patient Management System (HPMS) – (4th Year)
3. EVconnects – Smart EV Charging Platform – (4th Year)
4. Expense Tracking System (ETS) – (4th Year)

All teams must ensure proper technical setup and report 30 minutes before the scheduled time.

Date: 19 & 21 Feb 2026

Venue: Block 2

Time: 10 am onwards

Dr. Megha Gupta
HoD
Department of CSE

UTKARSH 2026 – PROJECT EXHIBITION

OrbitBharat

Exhibitors: Nitesh Agarwal, Nishu Pundir, Rishabh Negi

Contact: 7011355277

Branch: CSE | Year: 2nd Year

Type: Software

Description:

OrbitBharat is an advanced, AI-powered system designed for India's space ecosystem. It features real-time tracking of ISRO satellites (Aditya-L1, NavIC) with live location plotting on interactive maps. The platform leverages NASA/NOAA APIs and custom deep learning models to predict Coronal Mass Ejections (CMEs) and monitor space weather threats to satellite infrastructure. Key capabilities include a 3D simulation engine, geomagnetic storm alerts, and an AI assistant for space data analysis, providing a comprehensive dashboard for mission safety and public awareness.

Requirements:

- Stable Wi-Fi
- Power Board

Mr. Faisal Rais

Faculty Coordinator

UTKARSH 2026 – PROJECT EXHIBITION

AI-Enabled Hospital Patient Management System (HPMS)

Exhibitors: Tanish Garg, Sagar Kumar Jha, Madhur Chawla, Hemant Patwal Gusain

Contact: +91 96253 82247

Branch: CSE | Year: 4th Year

Type: Software

Description:

This system is an integrated healthcare platform designed to modernize patient care through automation and intelligent data processing. It leverages Machine Learning for predictive health analytics, allowing for early detection of patient vitals anomalies.

The system features:

- Automated Patient Check-in: Using Computer Vision or RFID for seamless entry.
- AI Diagnostics: Integration of NLP for processing doctor notes and medical history to suggest potential risk factors.
- Real-time Monitoring: An interactive dashboard providing live updates on bed occupancy and patient status.
- Smart Scheduling: An AI-driven algorithm to optimize doctor-patient appointments and emergency room flow

Requirements:

- Stable Wi-Fi
- Power Supply
- Display Monitor (Optional)

Ms. Rekha

Faculty Coordinator

UTKARSH 2026 – PROJECT EXHIBITION

EVconnects – Smart EV Charging Platform

Exhibitor: Rohit Sharma

Contact: 9205828350

Branch: CSE | Year: 4th Year

Type: Software

Description:

EVconnects is a smart, web-based electric vehicle charging platform designed to simplify EV charging for users. The system allows users to locate nearby EV charging stations, check real-time availability, book charging slots, and make secure online payments through an integrated payment gateway. With a modern and responsive interface, EV connects aims to enhance user convenience, reduce waiting time at charging stations, and promote sustainable electric mobility by providing a centralized and efficient EV charging solution.

Requirements:

- Stable Internet
- Projector / Display
- Power Supply

Mr. Shubham

Faculty Coordinator

UTKARSH 2026 – PROJECT EXHIBITION

Expense Tracking System (ETS)

Exhibitors: Kartik Arora, Shubika Arora, Siya Bhatt

Contact: 96671 10527

Branch: CSE | Year: 4th Year

Type: Software

Description:

The Expense Tracking System (ETS) is a sophisticated financial management platform designed to automate and simplify expense logging for individuals and organizations. The system features Optical Character Recognition (OCR) powered by Tesseract for automatic data extraction from receipt images and Speech-to-Text (STT) integration using Whisper AI for hands-free voice-based entry. It provides an interactive dashboard built with Chart.js for real-time expenditure visualization. Key capabilities include automated invoice generation and secure data management, providing a comprehensive tool for financial transparency and mission-critical budgeting.

Requirements:

- Stable Wi-Fi

Ms. Pratibha Dabas

Faculty Coordinator

Infographics

Project Exhibition – UTKARSH 2026

Project Exhibition
UTKARSH 2026
Department of Computer Science & Engineering

OrbitBharat
Smart EV Charging Platform

- ISRO Satellite Tracking
- Space Weather Alerts
- 3D Simulation Dashboard

AI Hospital Patient Management System

- Automated Check-In
- AI Diagnostics
- Real-Time Monitoring

EVconnects
Smart EV Charging Platform

- Find & Book Charging Spots
- Live Availability
- Secure Payments

Expense Tracking System

- OCR Receipt Scanning
- Voice Entry with AI
- Budget Analytics

VISIT OUR INNOVATIVE PROJECTS!

» **Date:** 27 FEB 2026 | **Venue:** Block 2 | **Time:** 10:00 AM Onwards