

MEERUT INSTITUTE OF ENGINEERING & TECHNOLOGY, MEERUT

An Autonomous Institute

Department of CSE(AI)



SOUVENIR BOOKLET

Project Expo — Technovate '26 | "Transforming Ideas, Empowering Innovators"

5th May 2026 • 10:00 AM Onwards

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ABOUT THE INSTITUTE

Meerut Institute of Engineering & Technology (MIET), Meerut, is a premier autonomous institution completing 29 years of excellence in technical education. Over nearly three decades, MIET has built a strong reputation for nurturing engineering talent through quality academics, industry collaboration, and a culture of innovation. The institute is supported by initiatives such as the Atal Community Innovation Centre (ACIC-MIET) Meerut Foundation, backed by the Atal Innovation Mission (AIM), NITI Aayog, Government of India, reflecting its deep commitment to fostering entrepreneurship and applied research among students.

ABOUT THE DEPARTMENT

The Department of CSE (AI) at MIET is dedicated to shaping future-ready engineers equipped with strong foundations in Artificial Intelligence, Machine Learning, and allied technologies. The department emphasizes hands-on learning, research-oriented projects, and industry-aligned curricula, encouraging students to translate classroom knowledge into real-world, socially relevant solutions. Through regular workshops, seminars, research paper publications, and flagship events like the Project Expo, the department strives to build a strong ecosystem of innovation, mentorship, and technical excellence for its graduating batches.

ABOUT PROJECT EXPO — TECHNOVATE '26

“Transforming Ideas, Empowering Innovators”

Project Expo — Technovate '26 is the flagship annual showcase organized by the Department of CSE (AI), MIET Meerut, providing the graduating batch of 2025-26 a platform to transform their academic ideas into tangible, impactful solutions. The event brings together final-year student teams to present projects spanning Artificial Intelligence, Machine Learning, Computer Vision, Healthcare Technology, Agri-Tech, EdTech, and more — reflecting the breadth of innovation nurtured within the department.

The Expo was graced by distinguished experts from industry and academia, whose valuable feedback and appreciation stand testimony to the calibre of talent developed at MIET. Each project featured in this booklet represents months of research, mentorship, and collaborative effort between students and their supervising faculty.

EVENT DETAILS

Event	Project Expo — Technovate '26
Date	5th May 2026
Time	10:00 AM Onwards
Organized by	Department of CSE (AI), MIET Meerut
Supported by	ACIC-MIET Meerut Foundation, Atal Innovation Mission (AIM), NITI Aayog

MESSAGE FROM THE CAMPUS DIRECTOR



Prof. (Dr.) S. K. Singh
Campus Director, MIET,
Meerut

I congratulate the concerned Dean CSIT & Allied Branches, Head Department of CSE (AI/AI & ML), Prof. (Dr.) Rambir Singh, for their effective implementation of departmental programs and policies and for making the Project Expo 2025-26 successful.

The department has also been engaged in the development of extra-curricular activities as per past records. I hope the department continues to take steps to transform students into specialised professionals, and I wish the entire team all the best for future endeavours.

MESSAGE FROM THE HEAD OF DEPARTMENT



Prof. (Dr.) Rambir Singh
HOD, Department of CSE (AI)

I congratulate Project Coordinator **Mr. Kunwar Babar Ali** and all faculty members of the department for organizing the Project Expo 2025-26 in a well-planned manner. The efforts of the entire team are praiseworthy.

My appreciation goes to all the students for delivering their best through their projects. I wish the department continued success as it flourishes further and reaches greater heights.

MESSAGE FROM THE PROJECT COORDINATOR



Kunwar Babar Ali
Project Coordinator,
Department of CSE (AI)

The Project Expo stood as a remarkable initiative by our Campus Director Sir, conceived to give the graduating batch of 2025-26 a true platform to transform their ideas into impact.

Distinguished experts from Industry and Academia graced the event, and their generous appreciation of our students' work stands as a testament to the calibre of talent nurtured within these walls. As Project Coordinator for the Department of CSE (AI), it fills me with immense pride to have witnessed this journey unfold — from early concept to confident presentation.s

I extend my heartfelt gratitude to Dr. Rambir Singh, HOD — Department of CSE (AI/AI&ML), whose unwavering guidance, encouragement, and support were instrumental in making this event a resounding success. This Expo will remain etched as a proud milestone in our department's journey of excellence.

ORGANIZING TEAM

The Project Expo — Technovate '26 was made possible through the collective effort and dedication of the following faculty members of the Department of CSE (AI):

Patron	Prof. (Dr.) S. K. Singh, Campus Director, MIET Meerut
Chairperson	Prof. (Dr.) Rambir Singh, HOD, Department of CSE (AI)
Project Coordinator	Mr. Kunwar Babar Ali
Faculty Coordinators	Ms. Vinita Sharma, Dr. Anamika Singh, Ms. Monika Sharma, Prof. (Dr.) Shubhajit Gosh, Mr. Umesh Kumar, Mr. Aman Kumar, Mr. Nitin Kumar

POST EVENT REPORT

Project Expo 2026 was organized at Meerut Institute of Engineering and Technology (MIET) to showcase the technical talent and innovative spirit of its students. The event brought together **55 teams from 16 departments**, including B.Tech, MBA, MCA and B.Pharm, with around 200 final-year students presenting both working and non-working models to demonstrate their technical skills.

The event was formally inaugurated by Chief Guest Dr. Anuj Kumar Sharma (Dean Academics, Centre for Advanced Studies, AKTU Lucknow) and Guest of Honour Gaurav Jain (Director, K.R. Industries). The ribbon-cutting ceremony was performed jointly with MIET Chairman Vishnu Sharan, Vice Chairman Gaurav Agarwal, Campus Director Dr. Sanjay Kumar Singh, and MIT Director Dr. K.L.A. Khan.

In his address, Dr. Anuj Kumar Sharma encouraged students to showcase their talent confidently and to focus on developing solutions to real-world problems, emphasizing the importance of innovation-driven learning.

The event was also graced by Dean Academics Dr. Sanjeev Kumar Singh, Dr. Krishna Kumar, Avinash Chauhan, Rohit Agarwal, and Dr. Honey Tomar.

Project Expo 2026 successfully provided a platform for students to demonstrate their creativity, technical knowledge, and innovative capabilities. The event reaffirmed MIET's commitment to fostering practical, industry-relevant learning and encouraging students to translate ideas into real solutions.

The judges evaluated all projects and recognized the following outstanding teams:

Award	Department	Team Members
1st — Chairman Award	B.Tech Biotechnology	Almas Nausheen, Ananya Chaudhary, Misbah Fatima Rizvi
2nd — Vice Chairman Award	B.Tech Computer Science Engineering	Yogyansh Singh, Kunj Agarwal, Sparsh Pandey
2nd — Vice Chairman Award	B.Tech Computer Science Engineering	Saumya Rana, Smriti Kapoor, William Pawar
3rd — Director Award	B.Tech IT (3rd Year)	Varun Kumar, Sandeep Yadav, Vasu Gaurang





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दैनिक जागरण

राज्य बेलन दिल्ली माला बेलन हरियाणा उत्तराखण्ड बिहार छत्तागढ़ झारखण्ड राजस्थान गुजरात कर्नाटक तमिल नाडु केरल आंध्र प्रदेश महाराष्ट्र गुजरात बेलन और व अंगण से कानपुर

प्रोजेक्ट एक्सपो 2026 में अलमास, अनन्य व मिस्बाह प्रथम

जासं, मेरठ : मेरठ इंस्टीट्यूट आफ इंजीनियरिंग एंड टेक्नोलॉजी में आयोजित प्रोजेक्ट एक्सपो 2026 बीटेक, एमबीए, एमसीए, बीफार्मा सहित कुल 16 विभागों की 55 टीमों ने भाग लिया। फाइनल ईयर के 200 छात्र-छात्राओं ने अपने वर्किंग एवं नान-वर्किंग माडल प्रस्तुत कर तकनीकी कौशल का प्रदर्शन किया। निर्णायकों ने उत्कृष्ट प्रोजेक्ट्स का चयन करते हुए बीटेक बायोटेक्नोलॉजी

विभाग के अलमास नौसेन, अनन्य चौधरी और मिस्बाह फातिमा रिजवी को प्रथम स्थान पर चेयरमैन अवार्ड से सम्मानित किया। बीटेक कंप्यूटर साइंस इंजीनियरिंग के योग्यांश सिंह, कुंज अग्रवाल और स्पर्श पांडे को द्वितीय स्थान पर वाइस चेयरमैन अवार्ड मिला। बीटेक आइटी थर्ड ईयर के वरुण कुमार, संदीप यादव और वासु गौरांग को तृतीय स्थान पर डायरेक्टर अवार्ड से सम्मानित किया गया।

नवाचार की झलक: एमआईईटी में प्रोजेक्ट एक्सपो 2026 का आयोजन

पश्चिम पुकार ब्यूरो

मेरठ। मेरठ इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी (एमआईईटी) में 'प्रोजेक्ट एक्सपो 2026' का भव्य आयोजन किया गया, जिसमें छात्रों की तकनीकी प्रतिभा और नवाचार की शानदार झलक देखने को मिली।

कार्यक्रम में बीटेक, एमबीए, एमसीए, बी.फार्मा सहित कुल 16 विभागों की 55 टीमों ने भाग लिया। लगभग 200 फाइनल ईयर के छात्र-छात्राओं ने अपने वर्किंग एवं नॉन-वर्किंग मॉडल प्रस्तुत कर तकनीकी कौशल का



प्रदर्शन किया। कार्यक्रम का शुभारंभ मुख्य अतिथि डॉ. अनुज कुमार शर्मा (डीन एकेडमिक्स, सेंटर फॉर एडवांस्ड स्टडीज, एकेटीयू लखनऊ) तथा विशिष्ट अतिथि गौरव जैन (डायरेक्टर,

के.आर.इंडस्ट्रीज) ने संस्थान के चेयरमैन विष्णु शरण, वाइस चेयरमैन गौरव अग्रवाल और कैंपस निदेशक डॉ. संजय कुमार सिंह, एमआईईटी डायरेक्टर डॉ. केएलए खान ने साथ फीता

काटकर किया।

निर्णायकों द्वारा उत्कृष्ट प्रोजेक्ट्स का चयन करते हुए बीटेक बायोटेक्नोलॉजी विभाग के अलमास नौसेन, अनन्य चौधरी और मिस्बाह फातिमा रिजवी को प्रथम स्थान पर 'चेयरमैन अवार्ड' से सम्मानित किया गया। बीटेक कंप्यूटर साइंस इंजीनियरिंग के योग्यांश सिंह, कुंज अग्रवाल और स्पर्श पांडे को द्वितीय स्थान पर 'वाइस चेयरमैन अवार्ड' प्रदान किया गया। इसी श्रेणी में सौम्या राणा, स्मृति कपूर और विलियम पवार को भी सम्मानित किया गया।

वहीं बीटेक आईटी थर्ड ईयर

के वरुण कुमार, संदीप यादव और वासु गौरांग को तृतीय स्थान पर 'डायरेक्टर अवार्ड' से सम्मानित किया गया। कार्यक्रम के दौरान छात्रों की रचनात्मकता, तकनीकी समझ और नवाचार क्षमता की सराहना की गई।

मुख्य अतिथि डॉ. अनुज कुमार शर्मा ने विद्यार्थियों को अपनी प्रतिभा प्रदर्शित करने और वास्तविक समस्याओं के समाधान विकसित करने के लिए प्रेरित किया। इस अवसर पर डीन एकेडमिक्स डॉ. संजीव कुमार सिंह, डॉ. कृष्ण कुमार, अविनाश चौहान, रोहित अग्रवाल, डॉ. हनी तोमर उपस्थित रहे।

PROJECT DIRECTORY — SECTION A

S.No	Group	Project Title & Team Members	Supervisor	Status
1	G1-A	Trigtype: Precision Based Typing Web Application For Programmers and General Users Team: HARDIK CHAUDHARY, ANUBHAV KARNWAL, ARYAN SHARMA, TANISHQ	MS. VINITA SHARMA	Accepted and Presented
2	G2-A	AI-Based Smart Health Advisor for Personalized Medical Support Team: ISHA(AIML), KHUSHI BANSAL, AMAN SINGH(AIML), ARPIT TOMAR	Ms.VINITA SHARMA	Accepted and Presented
3	G3-A	Multimodel Machine Learning Engine for Accurate Answer Sheet Evaluation Team: BHAVYA GUPTA, DHRUV GUPTA, TANISHKA AGARWAL, SHREYA TYAGI	MR. KUNWAR BABAR ALI	Communicated
4	G4-A	AGRI-MITRA:AI POWERED SMART FARMING SYSTEM Team: ABHAY SINGH, ABHAY CHAUHAN, BHANU, ABHISHEK SOAM	MS.MONIKA SHARMA	Communicated
5	G5-A	Title to be announced Team: EKAS JYOTI, DEEPANSHU TRIPATHI, GORANG RAJPUT, AYUSH KUMAR	PROF.(DR.) SHUBHAJIT GOSH	Communicated
6	G6-A	Adaptive Learning Path Framework using Machine Learning Team: KUSHAGRA SHARMA, ABHI SHARMA, ABHISHEK SRIVASTAVA, LAKSHYA MAHESHWARI	DR. ANAMIKA SINGH	Accepted
7	G7-A	MRI-Based Brain Tumor Detection Using Novel Hybrid Intellegence Model Team: ANIRUDH SHARMA, RACHIT DESHWAL(AI-B), PUNIT JATRANA(AI-B), VARUN GUPTA	DR. ANAMIKA SINGH	Accepted
8	G8-A	Machine Learning Based Smart Plant Disease Detection And Advisory Sytem Team: ABHISHEK KUMAR, ANURAG SHARMA, DEVANSH AGARWAL, AKSHIT KUMAR SINGH	PROF.(DR.) SHUBHAJIT GOSH	Communicated
9	G9-A	Detection of Skin Cancer:Melanonia Team: ANCHIT PAL, ADITA GUPTA, ANSH CHAUDHARY, ADITYA SOM	MS. MONIKA SHARMA	In Progress

S.No	Group	Project Title & Team Members	Supervisor	Status
10	G10-A	MindMate: Machine Learning Based Mental Wellness Assistant Sytem Team: KHUSHI GUPTA, BHAVYA SINGHAL, AJAY KUMAR SHARMA, ATHARV GUPTA	Mr. KUNWAR BABAR ALI	ACCEPTED
11	G11-A	AI -Enhanced Note Generation For Smarter Learning Team: ANUPRASH GAUTAM, AANVI, AASTHA GUPTA, GUNJAN SHARMA	DR. ANAMIKA SINGH	ACCEPTED
12	G12-A	AI Assistant For Legal Analysis and Case Prediction Team: DHURUV RSTOGI, BAKUL ARORA, ARNAV TYAGI, DEEPTI TOMAR	MS. VINITA SHARMA	Accepted and Presented
13	G13-A	Detection Of Cervical Cancer Using Machine Leraning Team: AVIJEET PAL, VANSHIKA VASHISTH, AISHWARYA JAIN, AYAAN ELAHI	DR. ANAMIKA SINGH	ACCEPTED
14	G14-A	TOKEN FUND Team: ANUBHAV TOMAR, AAYUSH PANWAR, ABHINAV BALIYAN, ARYAN KUMAR	MS. MONIKA SHARMA	Communicated
15	G15-A	Suspicious Activity Detection Using CCTV and AWS Alerts Team: ABHIJAY SAHARAN, ARYAN KUMAR, LAKSHAY TOMAR, AARJAV JAIN	MR. UMESH KUMAR	Communicated

PROJECT DIRECTORY — SECTION B

S.No	Group	Project Title & Team Members	Supervisor	Status
1	G1-B	Intelligent Posture Monitoring Using Deep Learning and MediaPipe Team: MRIDUL RAJ GUPTA, NANDINI, PRIYANSHU GUPTA, DEV KOTHARI [after 12-07-2026]	MR.KUNWAR BABAR ALI	ACCEPTED
2	G2-B	A Deep Learning Model for Comprehensive Risk Prediction of Diabetic Retinopathy and Nephropathy Team: VANSI MALIK, YASH RASTOGI, TUSHTI JAIN, MANAJ KAUSHIK	DR. ANAMIKA SINGH	In Progress
3	G3-B	AI Powered Residual Life Assessment of Tyre Team: VAISHNAVI, VISHAL JAIN(AIIML), ARYAN PANWAR(AIIML), RAZIYA	MS. MOHINI SINGH	ACCEPTED PRESENTED AND
4	G4-B	AI -Based Medical Assistant Team: UJJAWAL GUPTA, SUGANDH CHAUHAN, VANSHIKA SAXENA, SHIVENDRA OJHA	PROF.(DR.) SHUBHAJIT GOSH	COMMUNICATED
5	G5-B	Video Based Mobility Monitoring of Elderly People Using Deep Learning Models Team: VANSHIKA PATEL, RIYA RANI, VANSHIKA, VARSHIT RATHI	MS. VINITA SHARMA	ACCEPTED
6	G6-B	Diabetic Retinopathy Detection Through Deep Learning Techniques Team: NANDINI ATRAY, NAVYANSHI SOLANKI, PAYAL, MUKUL SAHARAWAT	MS. MOHINI SINGH	ACCEPTED PRESENTED AND
7	G7-B	Monitoring System on Depression and Stress Management: A predictive Framework Based on Machine Learning Team: ANIKA SINGH, MAHI, NEHA, NIKITA BHARTI	MR. UMESH KUMAR	COMMUNICATED
8	G8-B	Smart Thrifting: A Comparative Analysis and Detection of Defective Clothes Using Computer Vision Team: RIYA GUPTA, PRIYANSHI PUNDIR, ANUSHKA GOYAL(AIIML), MAHAK GUPTA(AIIML)	MR. UMESH KUMAR	COMMUNICATED

S.No	Group	Project Title & Team Members	Supervisor	Status
9	G9-B	Hybrid Deep Learning Framework For Attendance Automation Using ArcFace Embedding and FAISS Search Engine Team: TARUN, VAIBHAV, VAIBHAV VATS, NIKHIL	MR.AMAN KUMAR	ACCEPTED
10	G10-B	Custom Deep Learning Model for Handwritten Vedic Sanskrit Text Recognition Team: UJJAWAL VATS, YASH PAL, TEJAS SHARMA, VANSH KUMAR	Prof.(Dr.) Rambir Singh	COMMUNCATED
11	G11-B	Accurate Temperature Prediction Using Hybrid Deep Learning Arc Team: MANAV TYAGI, ABHISHEK, PRINCE KUMAR, VISHAL KAUSHIK	MR.AMAN KUMAR	ACCEPTED
12	G12-B	Student Performance Prediction Using ML Team: ANMOL KUMAR PRIYADARSHI, TUSHAR PAL, RAVI PRAKASH, PRATIK KARDAM	MR.NITIN KUMAR	COMMUNCATED
13	G13-B	Pricer: Smart Pricing Model For Garments to Maximize Online Revenues Team: SHUBHAM RAJPOOT, MANSI(AI ML), MANYA(AI ML), CHIRAG	MS. MOHINI SINGH	ACCEPTED
14	G14-B	Smart Loan Prediction Risk Model with explainable AI Team: KANISHK KUMAR(SEC-A)), PRITHVI PANCHAL, NAKUL CHAUHAN, SAMEER MALIK	MR.NITIN KUMAR	COMMUNCATED
15	G15-B	AI EYE TECTOR Team: VAISHNAVI PATHAK, AAKANSHA, PRADUEM GAUR(AI ML)	MR. KUNWAR BABAR ALI	COMMUNCATED
16	G16-B	SMART HYPER-LOCAL LAUNDRY & DRY-CLEANING SERVICE APP Team: TANISHKA CHAUHAN, NISHANT CHAUDHARY, KARTIKEY SINGHAL, NIKITA TYAGI	MR. AMAN KUMAR	PATENT APPLIED

OUTCOMES

The table and chart below summarise the number of research papers communicated, accepted, and accepted & published/presented in journals or conferences, along with the number of projects for which a patent has been applied, based on the status recorded in the Project Directory (Sections A & B).

S.No	Outcome Category	Count
1	Research Papers Communicated	13
2	Research Papers Accepted	10
3	Research Papers Accepted & Published/Presented	5
4	Patents Applied	1
	Total Research Paper Outcomes (Communicated + Accepted + Published)	28

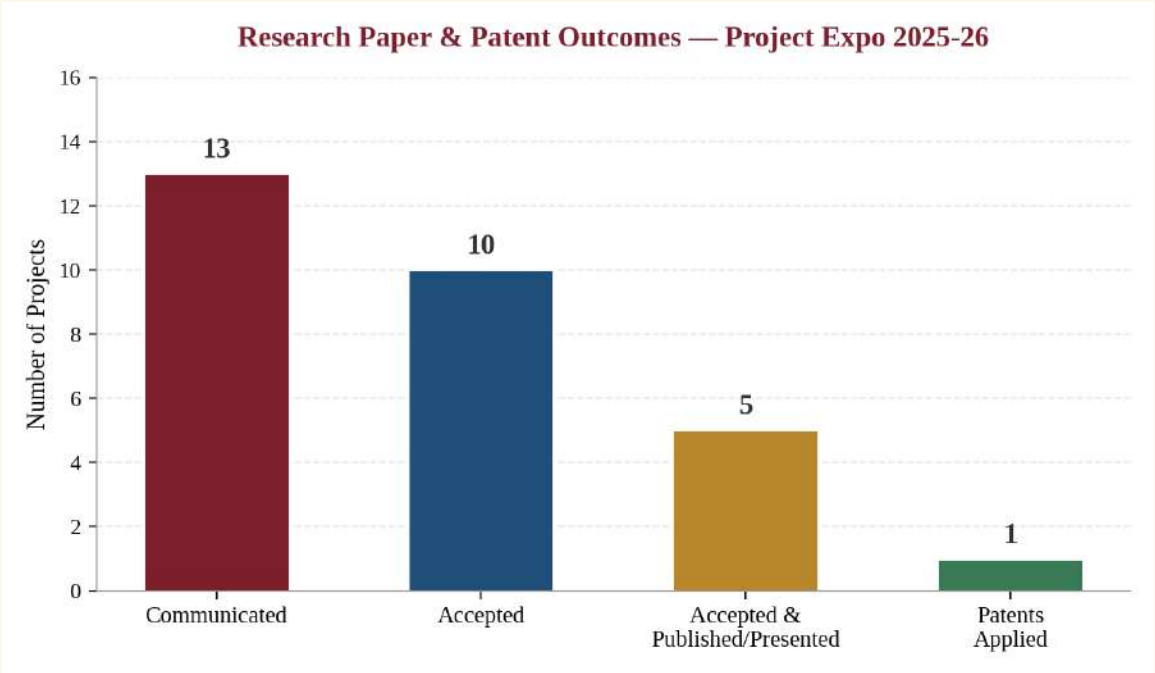


Fig: Research Paper & Patent Outcomes across Project Expo — Technovate '26

ACKNOWLEDGEMENT

The Department of CSE (AI) extends its sincere gratitude to the Management of MIET, Meerut, Campus Director Prof. (Dr.) S. K. Singh, and HOD Prof. (Dr.) Rambir Singh for their constant guidance and support in organizing Project Expo — Technovate '26.

We thank ACIC-MIET Meerut Foundation and the Atal Innovation Mission (AIM), NITI Aayog, Government of India, for their continued support in fostering a culture of innovation. We are also grateful to all faculty supervisors, the organizing committee, non-teaching staff, and — most importantly — every student team whose hard work and creativity made this Expo a memorable success.

This booklet is a small tribute to the countless hours of research, prototyping, and collaboration invested by our graduating batch of 2025-26. We wish all our students continued success in their future endeavours.

Kunwar Babar Ali
Project Coordinator, Department of CSE (AI)

