

e-yantra Lab Events Report

Session 2025-26



**Embedded Systems and Robotics Lab
(in collaboration with IIT Bombay)**



**Swami Keshvanand Institute of Technology,
Management and Gramothan, Jaipur**

Regular activities conducted under e-yantra in **Session 2025-26**

The following activities have been conducted:

S. No.	Date	Name of Event
2	29-31 January, 2026	Student Workshop on "Drone Technology: Assembly and Simulation"
2	17 Feb, 2026	Robo Rush (Pravah,26)
3	19 Feb, 2026	Robo Soccer (Pravah,26)

Robo Soccer (pravah,26)

Technical Event

Date of the Event: 19/02/2026

Time of the Event: 10 AM

Venue of the Event: Civil Block Front



The poster for the Robo Soccer event features a dark blue background with a soccer field pattern. At the top, there is a banner with logos for AEROBAY, SKIT, PRVAH, and IMPACT RAS. The title "ROBO SOCCER" is written in large, colorful, pixelated letters. Below the title, two robotic soccer players (one yellow and one red) are shown on a field, with a soccer ball in the center. The text "PRIZE POOL: ₹15 K" is prominently displayed in red. Below this, the event details are listed: "CIVIL BLOCK FRONT", "19th February 2026", and "10:00 AM ONWARDS". A QR code is provided for registration. The student coordinators' names and contact numbers are listed at the bottom, along with social media handles and the event website.

PRIZE POOL: ₹15 K

CIVIL BLOCK FRONT

19th February 2026

10:00 AM ONWARDS

REGISTER HERE

STUDENT COORDINATORS
BHUPESH-6376916864
VIVEK PRAJAPAT-9216344427
PRAVEEN KUMAR-9785710757
DAKSH AGARWAL-9549911285

Pravah2026@skit.ac.in skitpravah SKIT Pravah SKIT Pravah pravah.skit.ac.in

Objective of the Event:

The primary objective of this event is to enhance students' technical skills in robotics, electronics, programming, and mechanical design while encouraging creativity and problem-solving abilities. Through healthy competition, participants gain hands-on experience in robot control, strategy development, coordination, and real-time decision-making.

Overview of the Event:

Robotics Soccer is an exciting and innovation-driven technical event organized by the Robotics Club of SKIT under Pravah 2026. The event brings together enthusiastic participants to showcase their creativity, engineering skills, and strategic thinking through robotic soccer matches.

In this competition, teams design and operate manually controlled or autonomous robots to play soccer on a specially designed arena. The robots compete to score goals while following the rules and regulations of the game. The event combines concepts of robotics, electronics, mechanical design, automation, and teamwork in a fun and competitive environment.

Details:

Faculty Coordinators:

Sr. No.	Name of Teacher	Department
1.	Brij Mohan Sharma	Mechanical

Student Coordinators:

Sr.No.	Name	Branch	Year	University Roll No.
1.	Bhupesh Jangid	EE	2nd	24ESKEE014
2.	Vivek Prajapat	ECE	2nd	24ESKEC088

3.	Praveen Kumar	ME	3rd	23ESKME039
4.	Daksh Agarwal	ME	2nd	24ESKME010

Volunteers:

Sr.No.	Name	Branch	Year	University Roll No.
1.	Anshuman pareek	ME	2nd	24ESKME007
2.	Manasvi Mittal	EC	1st	25ESKECO47
3.	Rachit Nagar	ME	1st	25ESKME032
4.	Tanya kumari	IT	1st	25ESKIT169
5.	Roshni kumari	IT	1st	25ESKIT140
6.	Vinay	CA	1st	25ESKCA245
7.	Sharad agrawal	CS	1st	25ESKCS315
8.	Ankit khatkar	ME	2nd	24ESKME06
9.	Bitthal nama	ME	2nd	24ESKME009

10.	Gaurabh agrawal	CS	1st	25ESKCS116
11.	Charit arora	AI	1st	25ESKCS055

Registered Participants List:

Sr. No.	Name	University
1.	Navansh gupta	jecrc
2.	srija	Nims
3.	Jay Singor	jecrc
4.	Saurabh sharma	Skit
5.	Roshni kumari	Skit
6.	Aditya srivastava	jecrc

7.	Gaurabh agarwal	Skit
8.	Ritik kriplani	jecrc
9.	Charit arora	Skit

Results:

1. Team zyro (1st) (skit)

Saurabh Sharma

Utkarsh Jindal

Anshuman pareek

Roshni kumari

2. Team Tech titans (2nd) (skit)

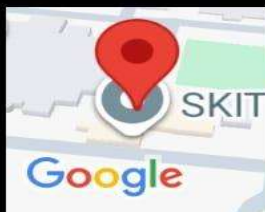
Tanya kumara

Bhupesh Jangid

Vivek Prajapat

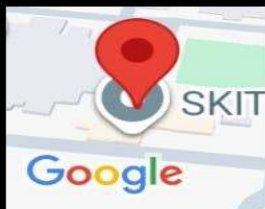
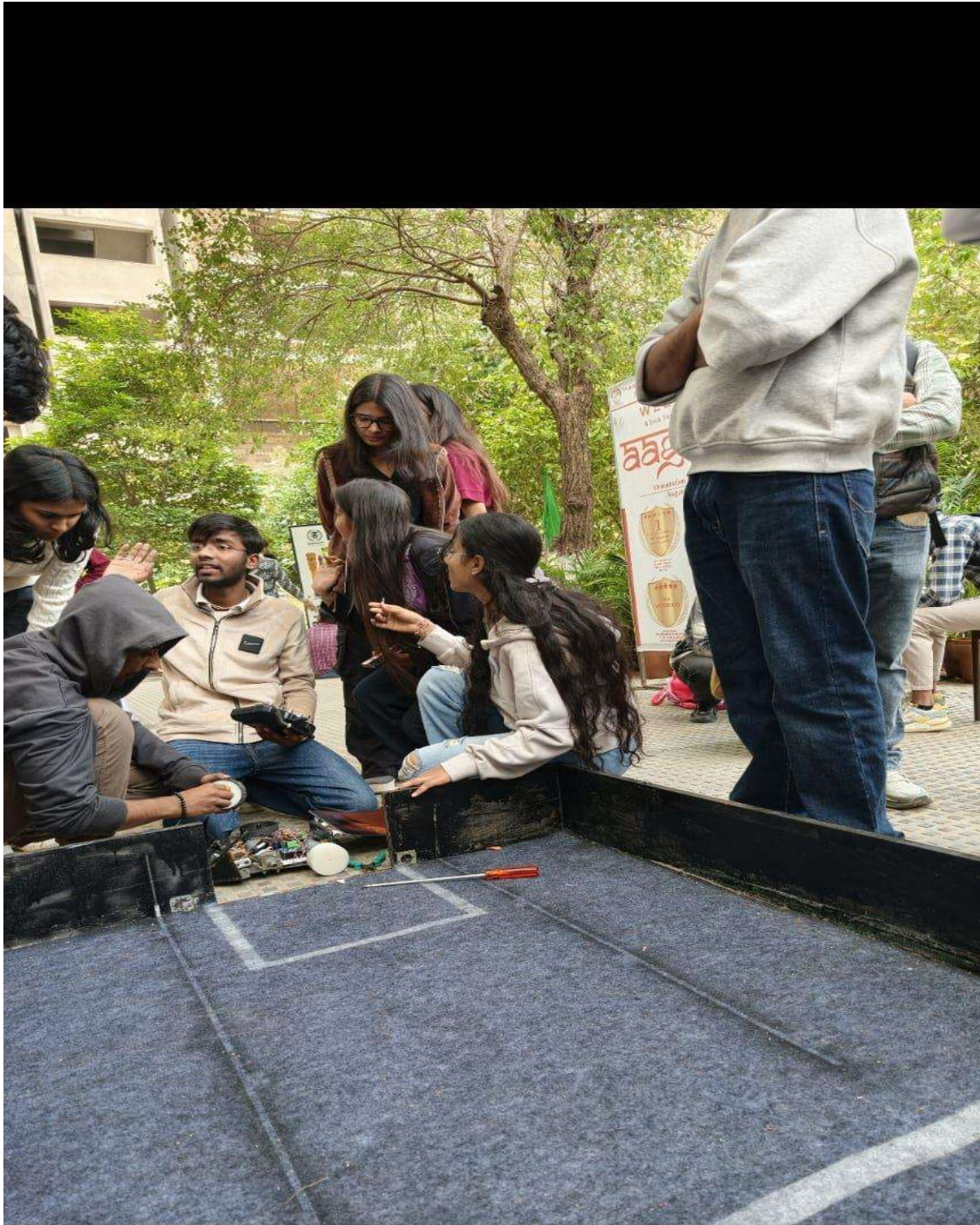
Ashish jhajhria

photos of the event:



Ramnagar (Jagatpura), Shivam Nagar,
Ramnagar, Jaipur, Rajasthan 302017,
India

18 Mar 2026 08:14 pm



Ramnagar (Jagatpura), Shivam Nagar,
Ramnagariya, Jaipur, Rajasthan 302017,
India

18 Mar 2026 08:14 pm

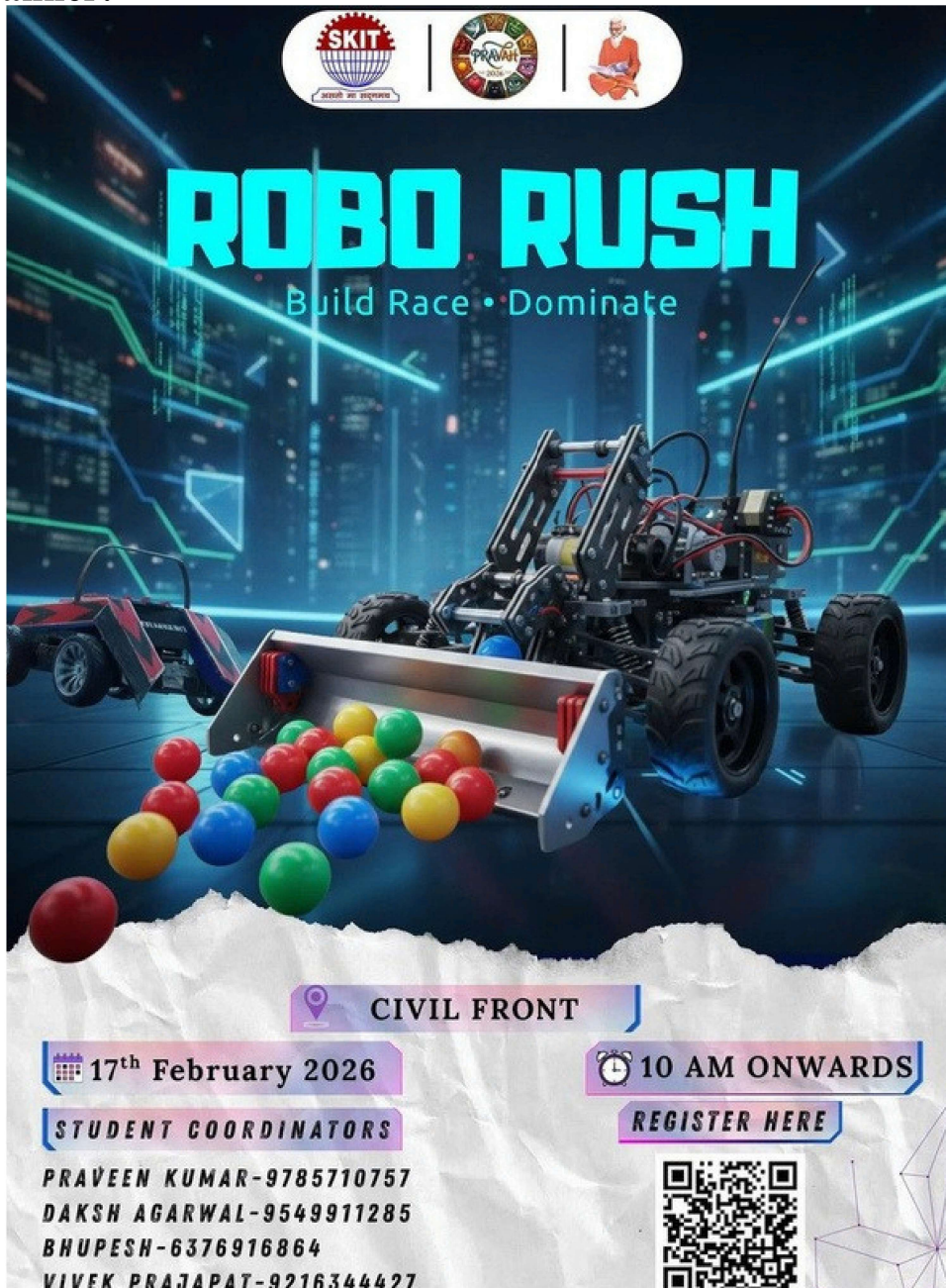


Robo Rush(Pravah'26)

Date of the event: - 17 February, 2026

Level of the event: - Institute

Event banner:-



The banner features a futuristic, high-tech background with glowing blue and green lines and a cityscape. In the foreground, a black and silver robotic car is shown, equipped with a large, white, funnel-shaped container filled with colorful balls (red, yellow, green, and blue). The text "ROBO RUSH" is prominently displayed in large, bold, cyan letters, with the tagline "Build Race • Dominate" underneath it. At the top, there are three logos: SKIT, Pravah, and a portrait of a man. The bottom section of the banner is divided into several informational boxes.

SKIT | **PRAVAH** | 

ROBO RUSH

Build Race • Dominate

CIVIL FRONT

17th February 2026

10 AM ONWARDS

STUDENT COORDINATORS

PRAVEEN KUMAR-9785710757
DAKSH AGARWAL-9549911285
BHUPESH-6376916864
VIVEK PRAJAPAT-9216344427

REGISTER HERE



Objective of the event:-

Robo Rush in PRAVAH 2026 aims to develop students' technical competence, creativity, and teamwork by challenging them to build a robot that can skillfully handle and score balls in a competitive environment.

Details :-

Overview of the Event :

The Robo Rush competition was one of the most exciting and technically challenging events of the Pravah –2026 . The event aimed to test participants' creativity, teamwork, and technical knowledge in robotics by designing and controlling robots capable of playing with ball in arenas

Coordinators :

Name	Branch	Year	University Roll no.
Praveen Kumar	ME	3rd	23ESKME039
Daksh Agarwal	ME	2nd	24ESKME010
Bhupesh Jangid	EE	2nd	24ESKEE014
Vivek	ECE	2nd	24ESKEC088

Volunteers :

Name	Branch	Year	University Roll no.
Darshika Agrawal	CS	1st	25ESKCS087
Ankit	ME	2nd	24ESKME006
Vijeta	IT	2nd	24ESKIT183
Mahender	ME	2nd	24ESKME023
Bitthal	ME	2nd	24ESKME009
Rachit Nagar	ME	1st	25ESKME032
Tanmay Sharma	IT	1st	25ESKIT165

Faculty Coordinator:

Name of Teacher	Depatment
Sudesh Garg	Mechanical

Participants :

Name	Branch
Peeyush lalwani	Cse
Vatsala sharma	Me
Divyarth raj	Me
Raghav Sharma	IT
RISHABH SHRAVAN BAGRI	CE
Tanushka Gupta	IT
Sagar Jangid	AI
Gourav Pareek	Cs
Harish Agarwal	CS
Riya Agarwal	DS
Priyanshu sharma	CS
Rudra Pratap Singh	IT
Khushi Shaktawat	DS
Mamta godara	DS
Bhagya Shri Modi	IT
JEET SHARMA	ME
VEIDHRIT GAUTAM	ME
Chitransh Jain	A.I
Gauri R Nair	Ece
Manasvi Mittal	ECE

Name	Branch
Darshika Agrawal	Cs
Jayesh Sangwa	IT
Akshat Agrawal	Ai
Chitra Joshi	EC
Bheemraj chauhan	Ai
Awdhesh Kumar Soni	CS
Anant Vijay	CS
Archit Bagra	CS
Kalpesh	Civil
Ravindra Jangid	IT
DARSHAN GOPANI	Nanotechnology
RISHAV SAH	Robotics and Automation
Manan Chawla	Ce

Result :

1. First prize winner of the match was Darshan.
2. Second prize winner of the match was Charit

Learning Outcomes:

Participation in the event provided valuable learning opportunities for both teams. Students gained hands-on experience in: Designing and programming aquatic robots. Developing team coordination and time management skills. Understanding advanced control systems and strategies used by national level teams. This exposure has motivated our students to improve their designs and return stronger in upcoming national competitions

Geotag Photos :





Report of Student Workshop

on

"Drone Technology: Assembly and Simulation"

(29-31 January, 2026)



Organized by

**Department of Mechanical Engineering & e-Yantra lab, SKIT
Swami Keshvanand Institute of Technology, Management & Gramothan,
Jaipur**

In collaboration with Dronum India Aviations, Jaipur



Swami Keshvanand Institute

of Technology, Management & Gramothan
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)
(Accredited by NAAC with A++ Grade & UG Engineering Programs by NBA)

Department of Mechanical Engineering



Date: 20.01.2026

NOTICE

Department of Mechanical Engineering with the e-Yantra Lab, SKIT, and in collaboration with Dronum India Aviations, Jaipur is pleased to announce a 3-Day Intensive Workshop on "Drone Technology: Assembly and Simulation" during 29-31 January, 2026. This hands-on workshop is designed to provide students with fundamental to intermediate knowledge and practical skills in the rapidly evolving fields of Robotics and Drone Technology.

This workshop offers a unique opportunity to gain essential, hands-on skills in the high-demand fields of robotics and drones. Students will engage in practical learning—from assembly to programming—integrating concepts across mechanical, electrical, and electronics disciplines. Participations can enhance their technical profile, provide a valuable certificate, and significantly strengthen your resume for future internships, placements, and research opportunities in cutting-edge technology sectors.

Dates: 29-31 January, 2026

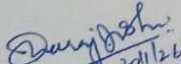
Time: 9:30 AM – 2:30 PM

Venue: Meghnad Saha Seminar Hall (ME Block), SKIT

The approved budget of the workshop was 30,000/-. The training partner Dronum India Aviations, Jaipur will charge Rs. 20,000/- for smooth conduction of the workshop. The third day i.e. 31 January, students will visit flying area of Dronum India Aviations for hand on drone flying experience.

Interested students from Mechanical and Electronics & Communication Departments are encouraged to register. Seats are limited to 50. Registrations will be accepted on a first-come, first-served basis.

- * May be permitted to conduct student workshop from pre-approved fund of Events F.Y. 2025-26.
- * Workshop will prove beneficial for both ME & ECE students.


Prof. Dheeraj Joshi
Head, Mech. Deptt.


Mr. Praveen Saraswat
e-yantra Lab Coordinator



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

DEPARTMENT OF MECHANICAL ENGINEERING

Proposed Plan of Events to be organized in Session : 2025-26

S. No.	Type of Event	Title of Event	Mode of Conduction	Proposed Date	Name of Coordinator	Any Collaboration	Estimated Budget
1	International Conference	ICONRER 2026	Virtual	Feb. 2026	Dr. Dinesh Kumar Sharma Mr. Ankit Agarwal	MNIT	350000
2	International Conference	International Conference on Smart Industries & Manufacturing Systems for Sustainable Development (SIMS-2025)	Hybrid	Sept., 2025	Dr. Manoj Kumar Sain, Mr. Praveen Saraswal	Evergreen - Joint Journal of Novel Carbon Resources Science and Green Asia Strategy, Japan	250000
3	Student Workshop	AI, ML & Analytics Workshop	Physical	Mar, 2026	Dr. Achin Srivastav, Dr. Deepak Kumar	-	40000
4	Student Workshop	Hand on Training in Drone Technology	Physical	Oct., 2025	Mr. Praveen Saraswal Dr. Pallav Rawal	-	30000
5	Staff Development Program	Laboratory Skills Agumentation & Safety	Physical	Dec., 2025	Mr. Vinay Singh Marwal Mr. Pramod Jain	-	45000
6	Student Workshop	Wellness and Holistic Development	Physical	Mar., 2026	Dr. Chandan Kumar Dr. Amit Jhalani	-	30000
7	Faculty Development Programme	Sustainability through Solar Energy Systems	Virtual	Jan., 2026	Dr. Dinesh Kumar Sharma Mr. Ankit Agarwal	-	40000

Prof. Dheeraj Joshi

HOD-ME

yes permitted for items 3 to 7. S.No. 1 need to be discussed.
Recommended for kind approval [S.No. 3 to 7]

Poster of Workshop



Swami Keshvanand Institute of Technology, Management & Gramothan

(An Autonomous Institute Affiliated to Rajasthan Technical
University, Kota)

3-Day Student Workshop

"Drone Technology: Assembly and Simulation"

29th– 31st January, 2026

Organized By:

Department of Mechanical Engineering
& e-yantra Lab, SKIT



(In association with Dronum India Aviations, Jaipur)



This hands-on workshop is designed to provide students with
fundamental to intermediate knowledge and practical skills in
the rapidly evolving field of Drone Technology.

Time: 9:30 AM – 2:30 PM



Venue:
**Meghnad Saha Seminar
Hall (ME Block), SKIT**

Faculty Coordinators:

Mr. Praveen Saraswat, Assoc. Prof, ME
Dr. Pallav Rawal, Assoc. Prof., ECE.

Student Coordinators:

Mahaveer Singh (9588084517)
Rahul Singh (6367223418)

About Workshop

Introduction:

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur – an autonomous institute affiliated to Rajasthan Technical University, Kota – successfully conducted a 3-Day Student Workshop on “Drone Technology: Assembly and Simulation” from 29th to 31st January 2026. The workshop was jointly organized by the Department of Mechanical Engineering, e-Yantra Lab, SKIT and the Robotics Club, in collaboration with Dronum India Aviations, Jaipur.

The event was designed to equip students with fundamental to intermediate knowledge and practical skills in the rapidly evolving domains of robotics and unmanned aerial vehicles (UAVs). With a strong emphasis on hands-on learning, the workshop integrated concepts from mechanical, electrical, and electronics engineering, providing participants with a holistic understanding of drone technology.

Objectives of workshop:

The primary objectives of the workshop were to introduce students to the fundamentals of drone technology including types, components, and working principles, while also providing hands-on training in drone assembly and simulation using industry-relevant tools. The workshop further aimed to educate participants on safety protocols and maintenance procedures for UAVs, and to offer a real-world drone flying experience at an operational aviation facility. An additional objective was to enhance students’ technical competency, industry readiness, and employability in the aerospace and robotics sectors, thereby bridging the gap between academic learning and industrial requirements.

Outcomes of Workshop:

Students will be able to:

1. Understand the importance, working and application of Drone
2. Explain the basics of Drone Technology
3. Assemble the drone components

No. of Participants – 56

Sustainable Development Goals Achieved

The workshop made meaningful contributions to several United Nations Sustainable Development Goals through its content, delivery methodology, and expected long-term impact.

SDG 4 on Quality Education: The workshop provided hands-on, skill-based education in a cutting-edge technology domain and promoted experiential learning, effectively bridging the gap between theoretical curriculum and industry requirements.

SDG 9 on Industry, Innovation, and Infrastructure: The workshop strengthened academia-industry linkage through meaningful collaboration with Dronum India Aviations, encouraged innovation and a problem-solving mind-set among future engineers, and aligned with national initiatives such as the PLI scheme for drones and the Digital India campaign.

Brief Profiles of Speaker

S. No.	Name of Resource Person	Designation	Organization
1	Mr. Kushala Indoria	Master Trainer	Dronum India Aviations, Jaipur
2	Mr. Tanay Chotiya	Instructor	Dronum India Aviations, Jaipur
3	Mr. Shailesh Sharma	Instructor	Dronum India Aviations, Jaipur

Schedule of Workshop

Dates	Session-I (9:30 AM- 12:00 PM)	Session-II (1:00 PM-2:30 PM)
29/1/2026 (Thursday)	• Inauguration • Introduction to Drone Technology	• Session on Drone Simulation (Group-1) • Session on Drone Assembly (Group-2)
30/1/2026 (Friday)	• Session on Drone Simulation (Group-2) • Session on Drone Assembly (Group-1)	• Session on Drone Safety and Maintenance
31/1/2026 (Saturday)	• Drone Flying Session at Dronum India Aviations, Jaipur	

Participation List

Participant List (Department of Electronics & Communication)

S. No.	Name of Student	RTU Roll No.	Semester	Section
1	Abhijeet	24ESKEC002	IV	4ECA
2	Abhishek Prajapat	24ESKEC003	IV	4ECA
3	Aditya Sankhla	24ESKEC005	IV	4ECA
4	Anshul Garg	24ESKEC010	IV	4ECA
5	Ayush Saran	24ESKEC014	IV	4ECA
6	Darsh Jain	24ESKEC015	IV	4ECA
7	Devesh Sharma	24ESKEC019	IV	4ECA
8	Dhruv Yadav	24ESKEC020	IV	4ECA
9	Dikshant Paliwal	24ESKEC021	IV	4ECA
10	Dishant	24ESKEC022	IV	4ECA
11	Diya Arora	24ESKEC023	IV	4ECA
12	Harshita Saini	24ESKEC030	IV	4ECA
13	Heman Choudhary	24ESKEC031	IV	4ECA
14	Jatin choudhary	24ESKEC034	IV	4ECA
15	Jayesh Dubey	24ESKEC035	IV	4ECA
16	Kanak Sharma	24ESKEC036	IV	4ECA
17	Lakshit Rawat	24ESKEC043	IV	4ECA
18	Meenesh Kumar Sain	24ESKEC047	IV	4ECA
19	Mohit Jurel	24ESKEC048	IV	4ECA
20	Neeraj Menariya	24ESKEC052	IV	4ECB
21	Nirmal Singh Chouhan	24ESKEC053	IV	4ECB
22	Pintu Bagoria	24ESKEC057	IV	4ECB
23	Prathmesh Narwaria	24ESKEC062	IV	4ECB
24	Ritu Mishra	24ESKEC071	IV	4ECB
25	Sampat Mourya	24ESKEC072	IV	4ECB
26	Sumit Kumar	24ESKEC078	IV	4ECB
27	Vansh Arora	24ESKEC083	IV	4ECB
28	Yash Sharma	24ESKEC089	IV	4ECB

Participant List (Department of Mechanical Engineering & AI)

S. No.	Name of Student	RTU Roll No.	Semester	Section
1	Chetan Sanam	23ESKME010	VI	6MEA
2	Divanshu Singh	23ESKME015	VI	6MEA
3	Gaurav Singh Gehlot	23ESKME016	VI	6MEA
4	Hari Shankar Kumar	23ESKME018	VI	6MEA
5	Himanshu Agrawal	23ESKME019	VI	6MEA
6	Hitesh Kr Soni	23ESKME020	VI	6MEA
7	Mahaveer Singh	23ESKME024	VI	6MEA
8	Manoj Jangid	23ESKME028	VI	6MEA
9	Mayank Ranjan	23ESKME029	VI	6MEA
10	Nakul Raj Sharma	23ESKME030	VI	6MEA
11	Pradhyuman Singh	23ESKME035	VI	6MEA
12	Prateek Sharma	23ESKME037	VI	6MEA
13	Pratichi Thakur	23ESKME038	VI	6MEA
14	Rahul Singh	23ESKME042	VI	6MEA
15	A.Roshini	24ESKME001	IV	4MEA
16	Anshuman Pareek	24ESKME007	IV	4MEA
17	Harshit Prajapati	24ESKME016	IV	4MEA
18	Harshit Singh	24ESKME017	IV	4MEA
19	Hemlata Chanchlani	24ESKME018	IV	4MEA
20	Karan Dev Singh	24ESKME020	IV	4MEA
21	Krishna Chaturvedi	24ESKME021	IV	4MEA
22	Narendra Kumar	24ESKME025	IV	4MEA
23	Niharika Sharma	24ESKME026	IV	4MEA
24	Nishant Sharma	24ESKME027	IV	4MEA
25	Pankhuri Deonia	24ESKME028	IV	4MEA
26	Rishubh Jangid	24ESKME030	IV	4MEA
27	Rohit Singh	24ESKME031	IV	4MEA
28	Anjali Choudhary	24ESKCA010	VI	6CS(AI)A

Inauguration of Workshop

The workshop commenced on 29th January 2026 with an inaugural ceremony held at the Meghnad Saha Seminar Hall, graced by the presence of faculty members, industry experts, and enthusiastic student participants. Prof. Dheeraj Joshi, Head of the Department of Mechanical Engineering, provided overall guidance for the workshop, while Dr. Achin Shrivastava delivered the welcome address, emphasizing the importance of hands-on training and experiential learning in emerging technologies. Dr. Pallav Rawal, Workshop Coordinator, outlined the three-day roadmap, covering topics such as drone components, assembly, simulation, safety, maintenance, and live flying sessions. Mr. Kushala Indoria, Master Trainer from Dronum India Aviations, was the guest of honour and shared valuable insights on the exponential growth of the drone industry in India, highlighting applications in agriculture, disaster management, infrastructure inspection, logistics, healthcare, and security. He also spoke about supportive government initiatives such as the Production Linked Incentive (PLI) scheme for drones and the role of such policies in fostering indigenous manufacturing and innovation. The session concluded with a vote of thanks proposed by Mr. Praveen Saraswat, e-Yantra Lab Coordinator and program coordinator, who acknowledged the collaborative efforts of industry partners, faculty members, the organizing team, and student volunteers for their active cooperation and participation.





Workshop Sessions and Conduction

The workshop was structured into theory-cum-demonstration sessions and parallel hands-on activities spread over three days, with a total of 50 students from the Mechanical and Electronics & Communication Engineering departments participating, divided into two groups for optimal practical exposure. On the first day, 29th January 2026, the inaugural session was followed by an introduction

to drone technology covering fundamental concepts, drone components, working principles, and various types of UAVs. In the post-lunch session, Group 1 engaged in drone simulation while Group 2 participated in drone assembly activities. On the second day, 30th January 2026, the groups rotated their activities, with Group 2 taking up drone simulation and Group 1 working on drone assembly during the morning session, followed by a combined session on drone safety and maintenance in the afternoon which covered pre-flight checks, battery handling, troubleshooting, and regulatory guidelines. The simulation sessions introduced students to virtual flight environments, enabling them to understand drone dynamics, control mechanisms, and flight planning without physical risk. The assembly sessions covered step-by-step integration of frames, motors, propellers, flight controllers, electronic speed controllers, receivers, and power distribution systems. On the third day, 31st January 2026, participants visited the flying facility of Dronum India Aviations, Jaipur, where they operated real drones under expert supervision, gaining confidence in piloting, aerial manoeuvres, and practical flight operations.





Drone Flying Session

The third day of the workshop, 31st January 2026, marked the most anticipated component of the entire program as participants were transported to the dedicated flying facility of Dronum India Aviations, Jaipur, for an intensive hands-on drone flying session that transformed their theoretical understanding into practical piloting competence. Upon arrival at the sprawling aviation facility, students were greeted by Mr. Kushala Indoria and his team of experienced master trainers, who provided a comprehensive safety briefing covering pre-flight inspection protocols, emergency procedures, airspace awareness, and ethical operation guidelines before any actual flying commenced. The training area was thoughtfully sectioned into multiple flying zones, each equipped with designated take-off and landing pads, obstacle courses of varying difficulty levels, and safety nets to ensure both participant security and equipment protection throughout the session. Students were organized into small groups of five, with each group assigned to an experienced instructor who demonstrated basic manoeuvres including stable hover, controlled ascent and descent, forward and backward motion, lateral movement, yaw rotation, and figure-eight patterns before handing over the controls to eager participants. What made this session truly exceptional was the one-by-one flying experience meticulously designed to ensure every single participant received undivided instructor attention and adequate stick time to develop genuine piloting confidence rather than merely observing from the side-lines. Each student was given approximately eight to ten minutes of individual flying time, during which they progressed from hesitant, jerky movements to increasingly smooth and deliberate control inputs under the patient guidance of their assigned mentor. By the conclusion of the flying session, every participant had successfully completed multiple independent flights, with many achieving personal milestones such as their first smooth landing or successful obstacle navigation. The confidence gained through this direct, personal engagement with drone piloting cannot be overstated; students who had never previously touched a drone transmitter departed with the foundational skills and self-assurance necessary to pursue advanced certifications, participate in drone racing and freestyle communities, or even consider entrepreneurial ventures in the commercial drone services sector.





एसकेआईटी में ड्रोन टेक्नोलॉजी पर तीन दिवसीय छात्र कार्यशाला शुरू

■ आस-पास व्यूरो

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैं ने जर्मेट एवं ग्रामोथान (एसकेआईटी), जयपुर के मैकेनिकल इंजीनियरिंग विभाग, ई-यंत्रा लैब, एसकेआईटी एवं रोबोटिक्स क्लब के संयुक्त तत्वावधान में ड्रोनम इंडिया एविएशंस, जयपुर के सहयोग से ड्रोन टेक्नोलॉजी-असेंबली एवं सिमुलेशन विषय पर 29 से 31 जनवरी तक आयोजित होने वाली तीन दिवसीय छात्र कार्यशाला का सफल शुभारंभ किया गया। इस कार्यशाला का उद्देश्य छात्रों को रोबोटिक्स एवं ड्रोन तकनीक के क्षेत्र में मौलिक से मध्यम स्तर तक का सैद्धांतिक एवं व्यावहारिक ज्ञान प्रदान करना है। कार्यक्रम के अंतर्गत ड्रोन असेंबली, सिमुलेशन, सुरक्षा प्रोटोकॉल तथा वास्तविक ड्रोन संचालन जैसे विषयों पर व्यावहारिक प्रशिक्षण दिया जाएगा, जिससे छात्र मैकेनिकल, इलेक्ट्रिकल एवं इलेक्ट्रॉनिक्स इंजीनियरिंग के समन्वित अनुप्रयोगों को समझ सकें और अपनी तकनीकी दक्षता एवं उद्योग-तैयारी को सुदृढ़ कर सकें।



कार्यशाला का आयोजन डॉ. धीरज जोशी, विभागाध्यक्ष, मैकेनिकल इंजीनियरिंग के मार्गदर्शन में किया जा रहा है। उद्घाटन सत्र की शुरुआत डॉ. अचिन श्रीवास्तव, मैकेनिकल इंजीनियरिंग विभाग द्वारा स्वागत भाषण से हुई, जिसमें उन्होंने उभरती तकनीकों में हैड्स-अप प्रशिक्षण एवं अनुभववात्मक शिक्षण के महत्व पर प्रकाश डाला। डॉ. पल्लव रावल, कार्यशाला समन्वयक ने प्रतिभागियों को कार्यशाला के उद्देश्यों एवं तीन दिनों में शामिल किए जाने वाले प्रमुख विषयों की जानकारी दी। उन्होंने बताया कि कार्यक्रम में ड्रोन तकनीक की मूल

अवधारणाएँ, ड्रोन घटक एवं असेंबली, सिमुलेशन-आधारित प्रशिक्षण, सुरक्षा एवं रखरखाव प्रक्रियाएँ तथा व्यावहारिक ड्रोन उड़ान सत्र शामिल हैं। उद्घाटन सत्र के दौरान खुशाल इंदौरिया, मास्टर प्रशिक्षक, ड्रोनम इंडिया एविएशंस, जयपुर ने भारत में ड्रोन उद्योग के तीव्र विस्तार पर अपने विचार साझा किए। उन्होंने कृषि, आपदा प्रबंधन, अवसरचर्चा निरीक्षण, लॉजिस्टिक्स, सुरक्षा एवं स्वास्थ्य जैसे क्षेत्रों में ड्रोन के बढ़ते अनुप्रयोगों पर चर्चा करते हुए उत्पादन-संलग्न प्रोत्साहन (पी.एल.आई.) योजना जैसी

सरकारी पहलों की भूमिका को रेखांकित किया। कार्यक्रम का समापन प्रवीन सारस्वत, कार्यक्रम समन्वयक द्वारा प्रस्तुत धन्यवाद ज्ञापन के साथ हुआ, जिसमें उन्होंने उद्योग सहयोगी, संकाय सदस्यों, आयोजन टीम एवं विद्यार्थियों के सक्रिय सहयोग एवं सहभागिता के लिए आभार व्यक्त किया। यह कार्यशाला एसकेआईटी जयपुर की उद्योग-उन्मुख एवं कौशल-आधारित शिक्षा के प्रति प्रतिबद्धता को दर्शाती है तथा आगामी सत्रों में छात्रों को इंटरैक्टिव, प्लेसमेंट एवं शोध अवसरों के लिए सक्षम बनाने की दिशा में एक महत्वपूर्ण कदम है।

एसकेआईटी में ड्रोन टेक्नोलॉजी पर तीन दिवसीय छात्र कार्यशाला शुरू

जयपुर (मृदुल पत्रिका)।

स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैं ने जर्मेट एवं ग्रामोथान (एसकेआईटी), जयपुर के मैकेनिकल इंजीनियरिंग विभाग, ई-यंत्रा लैब, एसकेआईटी एवं रोबोटिक्स क्लब के संयुक्त तत्वावधान में ड्रोनम इंडिया एविएशंस, जयपुर के सहयोग से ड्रोन टेक्नोलॉजी-असेंबली एवं सिमुलेशन विषय पर 29 से 31 जनवरी तक आयोजित होने वाली तीन दिवसीय छात्र कार्यशाला का सफल शुभारंभ किया गया। इस कार्यशाला का उद्देश्य छात्रों को रोबोटिक्स एवं ड्रोन तकनीक के क्षेत्र में मौलिक से मध्यम स्तर तक का सैद्धांतिक एवं व्यावहारिक ज्ञान प्रदान करना है।

कार्यक्रम के अंतर्गत ड्रोन असेंबली, सिमुलेशन, सुरक्षा प्रोटोकॉल तथा वास्तविक ड्रोन संचालन जैसे विषयों पर व्यावहारिक प्रशिक्षण दिया जाएगा, जिससे छात्र मैकेनिकल, इलेक्ट्रिकल एवं इलेक्ट्रॉनिक्स इंजीनियरिंग के समन्वित अनुप्रयोगों को समझ सकें और अपनी तकनीकी दक्षता एवं उद्योग-तैयारी को सुदृढ़ कर सकें। कार्यशाला का आयोजन डॉ. धीरज जोशी, विभागाध्यक्ष, मैकेनिकल इंजी



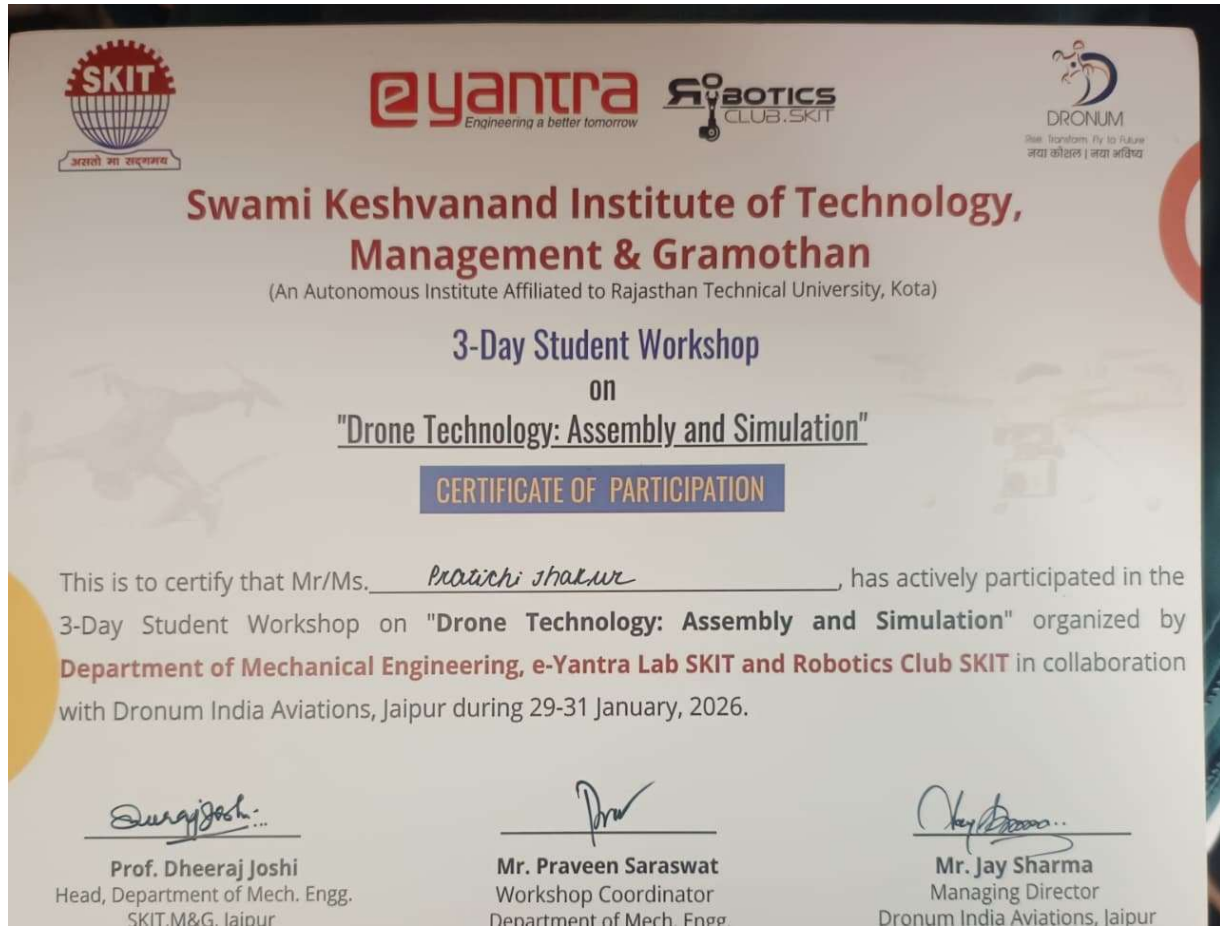
नियरिंग के मार्गदर्शन में किया जा रहा है।

उद्घाटन सत्र की शुरुआत डॉ. अचिन श्रीवास्तव, मैकेनिकल इंजीनियरिंग विभाग द्वारा स्वागत भाषण से हुई, जिसमें उन्होंने उभरती तकनीकों में हैड्स-अप प्रशिक्षण एवं अनुभववात्मक शिक्षण के महत्व पर प्रकाश डाला। डॉ. पल्लव रावल, कार्यशाला समन्वयक ने प्रतिभागियों को कार्यशाला के उद्देश्यों एवं तीन दिनों में शामिल किए जाने वाले प्रमुख विषयों की जानकारी दी। उन्होंने बताया कि कार्यक्रम में ड्रोन तकनीक की मूल अवधारणाएँ, ड्रोन घटक एवं

असेंबली, सिमुलेशन-आधारित प्रशिक्षण, सुरक्षा एवं रखरखाव प्रक्रियाएँ तथा व्यावहारिक ड्रोन उड़ान सत्र शामिल हैं। उद्घाटन सत्र के दौरान खुशाल इंदौरिया, मास्टर प्रशिक्षक, ड्रोनम इंडिया एविएशंस, जयपुर ने भारत में ड्रोन उद्योग के तीव्र विस्तार पर अपने विचार साझा किए। उन्होंने कृषि, आपदा प्रबंधन, अवसरचर्चा निरीक्षण, लॉजिस्टिक्स, सुरक्षा एवं स्वास्थ्य जैसे क्षेत्रों में ड्रोन के बढ़ते अनुप्रयोगों पर चर्चा करते हुए उत्पादन-संलग्न प्रोत्साहन (पी.एल.आई.) योजना जैसी सरकारी पहलों की भूमिका को

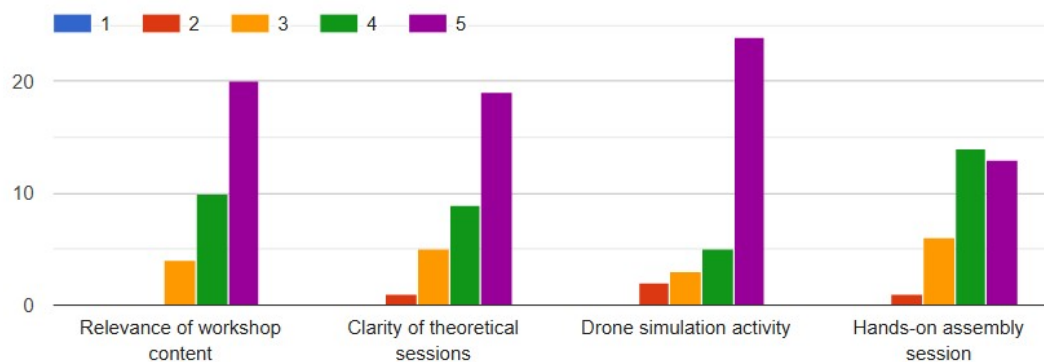
रेखांकित किया। कार्यक्रम का समापन प्रवीन सारस्वत, कार्यक्रम समन्वयक द्वारा प्रस्तुत धन्यवाद ज्ञापन के साथ हुआ, जिसमें उन्होंने उद्योग सहयोगी, संकाय सदस्यों, आयोजन टीम एवं विद्यार्थियों के सक्रिय सहयोग एवं सहभागिता के लिए आभार व्यक्त किया। यह कार्यशाला एसकेआईटी जयपुर की उद्योग-उन्मुख एवं कौशल-आधारित शिक्षा के प्रति प्रतिबद्धता को दर्शाती है तथा आगामी सत्रों में छात्रों को इंटरैक्टिव, प्लेसमेंट एवं शोध अवसरों के लिए सक्षम बनाने की दिशा में एक महत्वपूर्ण कदम है।

Sample Certificate



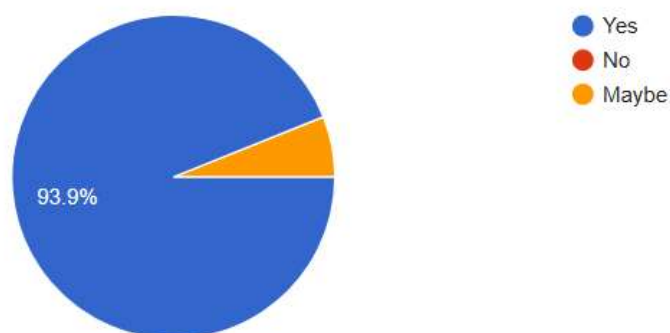
Feedback of Workshop

Workshop Content & Delivery Rate the following on a scale of 1 to 5 (1 = Poor, 5 = Excellent)



Would you recommend this type of workshop to others?

33 responses



Overall satisfaction with the workshop.

33 responses

