



3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The organization offers a dynamic setting for fostering innovation. All necessary facilities are available, and students are given guidance. Students are urged to take an active role in using technology to meet societal requirements.

Workshops, seminars, awareness-raising events, technical talks, and guest lectures on technical topics and entrepreneurship are conducted to provide conducive environment for knowledge acquisition and sharing for both faculty and students. Through a variety of seminars and speeches, students can engage with outstanding people who are leaders in their respective industries.

Faculty members use a variety of techniques to improve students learning experiences, such as activity-based learning, projects, seminars, and field work. These techniques enhance the effectiveness of teaching and learning activities.

The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs, etc. Classroom discussion on various topics is done to encourage students to improve their communication skills. Students and faculty members are encouraged to take up research work and publish their findings in the reputed journals.

Students can learn a variety of skills through group projects that are becoming more and more crucial in the workplace. Furthermore, it has been demonstrated that positive group experiences enhance student learning, retention, and general college achievement. When properly organized, group projects can strengthen abilities that are applicable to both individual and group work, such as the capacity to divide difficult tasks into manageable chunks, organize and schedule time, clarify understanding through discussion and explanation, provide and receive performance feedback, and strengthen communication skills. Students can tackle more complex problems than they could on their own, share different viewpoints and come up with new ways to resolve conflicts, and forge a shared identity with other group members through group projects, which can also help them develop skills unique to collaborative efforts.

Industrial visits are crucial for engineering students as they bridge the gap between theoretical learning and practical application, providing firsthand exposure to real-world industrial environments. These experiences enhance students' understanding of industry operations, current technologies, and professional practices, thereby improving their employability and readiness for future careers. Each department arranges Industrial visit to provide the knowledge on cutting edge technology.

Engaging in discussions about pursuing higher studies is crucial for engineering students, as it broadens their understanding of advanced concepts and opens diverse career opportunities. Such dialogues can also enhance essential skills like critical thinking and communication, which are vital for professional success.

To be prepared for the corporate world, students must learn and become proficient in the newest technology. To engage students in long-term learning, teachers are integrating technology with conventional teaching methods. Information and communication technology, or ICT, is used in education by colleges to support, improve, and streamline the way that education is delivered. All classrooms, laboratory, seminar halls, and conference room are equipped with projectors. Sufficient printers and scanners are available in each department, labs and all prominent places.


The following are the activities conducted under various headings.

1. Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship
2. Higher Study
3. Technical activities
4. Industrial visits


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3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year -

S. No	Year	Name of the workshop/ seminar	Number of Participants	Date From – To
1.	2023-24	Data Science and its applications in financial sector	42	19-10-2023
2.	2023-24	Session On IoT Ideathon	67	22-11-2023
3.	2023-24	Effective ways to prepare a research paper	42	25-11-2023
4.	2023-24	Study Abroad	23	20-6-2024
5.	2023-24	Disruptive technologies shaping the future	94	21-12-2023
6.	2023-24	On Beyond Wires And Waves internet communication	53	11-01-2024
7.	2023-24	Vcirllog HDL	50	18-1-2024 to 19-1-2024
8.	2023-24	IOT Tech Expo	38	2-2-2024
9.	2023-24	Workshop on UI-UX Design	66	9-2-2024
10.	2023-24	Innovation and Problem solving in Hackthons	67	26-7-2023
11.	2023-24	Buiding Smarter Systems: The Role of Machine Learning and AI in Engineering	66	13-6-2024
12.	2023-24	Introduction to Dockers	66	19-6-2024
13.	2023-24	Workshop on Design Thinking, Critical Thinking and Innovation Thinking	66	12-1-2024
14.	2023-24	Tchnical Talk on "Blockchain and web3-Building with Kryptcore web 3.0	66	19-2-2024
15.	2023-24	IOT Edge And Gateway	66	30-10-2023 to 22-11-2023
16.	2023-24	Solid Wastes Management And Sustainable living	60	1-2-2024
17.	2023-24	Awarenes About Overseas Opportunities	131	17-08-2023
18.	2023-24	Internal Hackathon	52	19-10-2023
19.	2023-24	Skill Development Training On Iot Edge & Gateway And Project Exhibition	128	26-10-2023 to 20-11-2023
20.	2023-24	Image Processing with Open CV	118	30-10-2023 to 2-11-2023
21.	2023-24	Industrial Visit to Bangalore Tech Summit (BTS 2023)	8	30-11-2023
22.	2023-24	Awarenes About OBE Concepts	205	13-12-2023
23.	2023-24	Organic Farming and Benefits of Organic Farming	205	19-12-2023
24.	2023-24	"Introduction to Experiential Learning using Virtual Labs"	118	06-02-2024


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25.	2023-24	Blockchain and Web3 - Building with Krycore web3.0	131	19-02-2024
26.	2023-24	Industrial visit to IISc Bangalore- Open Day – 2024	for V Sem Students	24-02-2024
27.	2023-24	DBMS Mini Project Exhibition	131	18-03-2024
28.	2023-24	Out Come based Education	186	03-04-2024
29.	2023-24	Project Exhibition & Competition – 2024	129	30-04-2024
30.	2023-24	Industrial Visit on Xcel Corporation Software development Centre	115	17-05-2024
31.	2023-24	Data Analytics BootCamp	101	01-08-2024
32.	2023-24	Expert talk on "Disruptive technologies Shaping the Future"	48	21-12-2023
33.	2023-24	Technical talk on Beyond Wires & Waves-Internet communication.	34	11-01-2024
34.	2023-24	Industrial Visit to IOT Techno Expo 2024	32	2-2-2024
35.	2023-24	Workshop on "IPRs and IP management for Startups	54	26-05-2024
36.	2023-24	Workshop on Hacking Hardware: Arduino IDE	40	21st - 22nd July 2023
37.	2023-24	Innovation and Design Thinking	22	22nd July 2023
38.	2023-24	Unlock your Global Potential-Study Abroad	90	16th November 2023
39.	2023-24	INNOVACEEEA	100	9th December 2023
40.	2023-24	TechVistara	200	18th and 19th Jan 2024
41.	2023-24	INNORAPS	110	2nd Feb 2024
42.	2023-24	Personality Development, Menstrual Hygiene, Mental Health	150	14-02-2024
43.	2023-24	Talk on Synthesis of fundamental creativity	107	24-02-2024
44.	2023-24	Workshop on "Logical Thinking & Problem Solving"	120	24-05-2024
45.	2023-24	Seminar on Anti Tobacco Awareness	120	07-06-2024
46.	2023-24	Industrial visit to ElSI A-Electronic city industry Association	112	04-01-2024
47.	2023-24	U R RAO Satellite Centre, ISRO, Bengaluru	105	22-02-2024 to 23-02-2024
48.	2023-24	Industrial Visits to Mahatma Gandhi Institute of Rural Energy & Development (MGIRED)	92	27-02-2024

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49.	2023-24	Technical talk on "Mechanical Engineers Future Prospects Beyond Graduation "	24	22-07-2023
50.	2023-24	Skill Development Program	24	21-02-2024 to 23-02-2024
51.	2023-24	Industry Drivan Faculty Development Programme on " Best Practices in Industrial Safety"	20	13-05-2024 to 17-05-2024
52.	2023-24	3 Days Staff Development Program on "Empowerment Through Excellence: Professional Growth For Non - Teaching Staff"	60	27-06-2024 to 29-06-2024
53.	2023-24	5 day workshop on Best Practices In Industrial Safety	39	13-5-2024 to 17-5-2024
54.	2023-24	Staff Development Program Report	71	27-06-2024 to 29-06-2024
55.	2023-24	Toyota Kirloskar Auto Parts Pvt. Ltd (TKAP)	24	28-02-2024
56.	2023-24	Government Tool Room & Training Centre (GTTC), Bengaluru	36	12-12-2023
57.	2023-24	Bangalore Aircraft Industries Pvt Ltd, Bengaluru	23	07-07-2023
58.	2023-24	Talk on "Unlocking Innovations for Transforming the Technology of Tomorrow"	160	22-07-2023
59.	2023-24	Current Trend on Women's Health and Wellness	150	22-11-2023
60.	2023-24	Talk on Nanomaterials Applications in Engineering & Technology	160	24-11-2023
61.	2023-24	Personality Development, Team Building and Time Management	180	2-2-2024
62.	2023-24	Online Lecture series talk on Universal Human Values	120	3-14-2024
63.	2023-24	Talk on "Study Abroad Opportunities for Engineering Students"	125	3-14-2024
64.	2023-24	Workshop on "Machine Learning and Image Processing"	40	04-04-2024 to 05-04-2024
65.	2023-24	Talk on "Applications of Quantum Mechanics for Engineering Students"	120	6-7-2024

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Department wise students' activities links

S.No	Departments	Number of Activities	Link
1.	AIML	4	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_033241412.pdf
2.	CCE	4	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_401308015.pdf
3.	CSD	8	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_401308015.pdf
4.	CSE	15	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_031904674.pdf
5.	CSE-ICB	4	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_032081044.pdf
6.	ECE	13	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_395208850.pdf
7.	Mech	9	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_395033405.PDF
8.	ASH	8	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_397382290.pdf

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3.	CSD	8	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_401308015.pdf
4.	CSE	15	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_031904674.pdf
5.	CSE-ICB	4	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_032081044.pdf
6.	ECE	13	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_395208850.pdf
7.	Mech	9	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_395033405.PDF
8.	ASH	8	https://ksit.ac.in/images/naac_2023_CRITERIA3_1735_397382290.pdf