



Bharatiya Vidya Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY

(An Empowered Autonomous Institute Affiliated to University of Mumbai)

Munshi Nagar, Andheri (W), Mumbai – 400 058.



ANNUAL REPORT ACADEMIC YEAR 2024-25

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Founder's Message



“Education would fail ignominiously in its objective if it manufactures only a robot and called him an economic man stressing the adjective economic and forgetting the substantive man. A university cannot afford to ignore the cultural aspects of education whatever studies it specializes in. Science is a means, not an end. Whereas culture is an end in itself. Even though you may ultimately become a scientist, a doctor, or an engineer, you must while in college, absorb fundamental values which will make you a man of culture. An engineer has not merely to build bridges; he has to be a devoted husband, a kind father, a friendly neighbour, a dutiful citizen, and a man true to himself. He will have trials and tribulations, his heart will fail him at times, and he will then need the strength which true culture alone can give.”

Kulpati Dr. K. M. Munshi

Principal's Message



Let us wish Heartiest Congratulations to the Students and Faculties for their Achievements. As the Principal of Sardar Patel Institute of Technology (S.P.I.T.), the Numero Uno, self-financed, autonomous Institution of Maharashtra, I am pleased to take this opportunity to present the annual report of documenting its development, achievements, and contribution to society over the course of the year 2024-25. We are a constituent of Bharatiya Vidya Bhavan, not just a conglomeration of more than 300 institutions, but a culture, a saga, a holy journey, started by Dr. K.M. Munshi with the support of Mahatma Gandhi in 1938.

Imparting value-based education with Indian cultural ethos has always been the motto of Bhavan.

We focus on “How to learn?” rather than “What to learn?” We believe in multidisciplinary exposure to the learners, yet ensuring growth in one vertical, cherishing human sensitivity and empathy. A thoughtfully articulated unique academic model is in place well before NEP guidelines towards this. Our splendid academic performance, sparkling placements (quantitative and qualitative), enrolment for higher studies at the best places of the world, prizes won by our students in national/international level technical competitions, consistent over many years are the true testimonials for this. Engineers & technologists form the backbone of any nation's economic development. The world is presently undergoing a very unprecedented, extraordinary, challenging time. **To make aspiring minds confident and future-proof, education must prepare them for a “marathon” rather than a “sprint”.** S.P.I.T. makes continuous, sincere efforts towards this.

Notably, in this academic year, the institute has demonstrated its commitment to academic excellence by receiving Grade A with CGPI of 3.2 in the First Cycle of NAAC Accreditation under Tier 1. Furthermore, two undergraduate and one postgraduate programmes EXTC, Computer Engineering, and MCA, respectively have been awarded Accreditation by NBA under Tier 1 for the first time. This marks the 5th NBA Accreditation cycle for the undergraduate programmes, reflecting a sustained focus on quality education and continuous improvement.

With the support of a dedicated hardworking faculty and staff, the institute has achieved enviable visibility and ranking in a short span. On behalf of all stakeholders of S.P.I.T., I congratulate you all and look forward to your valuable contribution for a better tomorrow.

Let's grow together...

Prof. Bhalchandra N. Chaudhari
Principal

From the Desk of ***Dean-Administration and IQAC***



It gives us great pleasure and immense satisfaction to present the Annual Report of Sardar Patel Institute of Technology for the Academic Year 2024–25. The consistent progress and accomplishments showcased in this report are a direct outcome of the unwavering guidance and visionary leadership of Prof. Sesha Iyer, Chairman, Governing Body, and Prof. B. N. Chaudhari, Principal. This report stands as a testament to our institute's enduring commitment to academic excellence, transparency, and continuous quality enhancement.

To further strengthen our internal systems, the Internal Quality Assurance Cell (IQAC) reinforced quality assurance mechanisms across departments through regular internal and external audits ensuring institutional clarity and adherence to regulatory frameworks. IQAC played a vital role in curriculum development in alignment with the NEP 2020 framework, ensuring it to be flexible, contemporary, and industry-relevant. IQAC has contributed significantly in this academic year by enhancing the key document Institutional Values, Policies, Responsibilities, and Code of Conduct for faculty, staff and students of the institute.

The collective initiatives like Best Question Paper Award, and Prerna Award for Innovative Teaching, Learning, and Evaluation Methodology to recognize faculty members for student-centric pedagogical practices reflect a maturing institutional culture grounded in quality, collaboration, and forward-thinking.

In this academic year, IQAC has played a significant role in the institute's notable achievements, contributing to the attainment of Grade A with a CGPI of 3.2 in the first cycle of NAAC accreditation, as well as securing NBA accreditation for both UG and PG programmes under Tier 1. Such progress is a result of the shared dedication and efforts of our faculty, staff, and students.

We express our sincere gratitude to Prof. B. N. Chaudhari, Principal, for his inspiring leadership and steadfast support. We also thank all Deans, Heads of Departments, the Training and Placement Officer, the Controller of Examinations, Department Programme Coordinators and the entire team for their meticulous data contribution and coordination in preparing this report.

Special appreciation goes to our student bodies and professional chapters, along with their faculty mentors, for their aesthetically curated inputs. We gratefully acknowledge the timely support of all faculty members, technical and administrative staff, students, and all those who have directly or indirectly contributed to this endeavour. A heartfelt note of thanks to our committed team members Dr. D. M. Patil, Dr. Hemant Vasaikar, Mr. Aman Yadav, Ms. Suman Majee and Mr. Venkat Islur along with the student editorial team SPark, the official editorial body of S.P.I.T. Their unwavering commitment and collective effort have been instrumental in bringing this edition of the Annual Report to successful completion.

Let us continue to move forward with a shared spirit of excellence, unity, and purpose as we aim for even greater milestones in the years ahead.

Together, let us stay committed to quality, growth, and institutional excellence.

Dr. Prashant Kasambe
IQAC Coordinator

Prof. Sudhir N. Dhage
Dean-Administration & IQAC

1. About the Institution

Sardar Patel Institute of Technology (S.P.I.T.) is a constituent of Bharatiya Vidya Bhavan, a trust of national eminence, a culture by itself, started by Dr. K.M. Munshi with the support of Mahatma Gandhi in 1938. Imparting value-based education with Indian cultural ethos has always been the motto of Bhavan. S.P.I.T. is a premier Autonomous Engineering Institution affiliated with the University of Mumbai (UoM). Established in 1995 as an unaided wing of the Sardar Patel College of Engineering (S.P.C.E.), S.P.I.T. became an independent entity in 2005 and was granted autonomous status in 2017, making it one of the youngest autonomous institutes under UoM. Later, in 2022 UoM conferred Empowered Autonomous status to the institute making it a greatest milestone of being the only private engineering institution achieving these remarks. Spread across a lush 47-acre campus in Munshi Nagar, Andheri (West), S.P.I.T. shares its grounds with other esteemed Bhavan's institutions, including the S.P.C.E., SP Jain Institute of Management and Research, and Bhavan's College. This urban campus offers a serene environment conducive to academic pursuits.

S.P.I.T. offers a range of undergraduate and postgraduate programs in engineering. Undergraduate courses include B.Tech. in Computer, Electronics and Telecommunication, Computer Science and Engineering. Postgraduate programmes in Computer, Electronics & Telecommunication Engineering, and MCA. The institute also provides doctoral programs in Electronics, Electronics & Telecommunication, Computer Engineering and MCA disciplines. All the eligible Programmes are accredited by NBA under Tier 1. The Electronics & Telecommunication Programme is accredited by NBA for 6 Years from AY 2024-25. In AY 2024-25, the institute was also awarded Grade A with a score of 3.2 under Tier 1 by NAAC.

With a strong backbone of curriculum as per NEP-2020 guidelines, TLE based on OBE Philosophy, state-of-the-art infrastructure, a dynamic campus environment, SP TBI being a hub of research & innovation and inclusive administration policies, it is committed to academic excellence. The institute has been able to achieve graduate outcome consistently which is visible in the placement record with a median CTC of @13.66 Lakh per annum for the graduating Batch of 2024-25, with top-tier companies like Google, Meta, Amazon, Microsoft, JPMC, Goldman Sachs, Morgan Stanley and PhonePe recruiting from its campus and admits for higher studies at top ranking institutions. S.P.I.T. continues to be a leading choice for students aspiring to excel in the fields of engineering and technology.

1.1 Institutional Values

The institution is a constituent of Bharatiya Vidya Bhavan started by Dr. K.M. Munshi with the aim to imbibe fundamental values which will make the learner a man of culture mind besides having academic excellence. Accordingly, the Institutional Values are in alignment to the holistic development of the learners stated as follows:

1. Integrity – Integrity is defined as the quality of being honest and having strong organisation of life with the mind-set, of the students to soar new heights, integrity is of paramount importance. Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology takes pride in working with integrity and a sense of righteousness to hold itself to consistent moral and ethical standards.

2. Excellence – Excellence is the hallmark of consistency. Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology has consistently ranked among the top educational institutions in the city and state. It currently occupies a position in the bracket of 200+ in the National Institute Ranking Framework (NIRF) and is awarded 3.5 star in Institution Innovation Council (IIC) ratings. All this has been possible with dedicated input from the management and faculty members, who consistently try to mould the institution towards constant improvement and progress.

3. Social Sensitivity – The prime goal of an educational institution like Sardar Patel Institute of Technology, under the aegis of management like Bharatiya Vidya Bhavan, strives to make the society better in all respects by providing quality education. One of the highlights of the new curriculum under autonomy has been to provide relevant education that would make a difference to the society. The institution also tries to instill the values of social service among its students and faculty members by being a part of various social welfare schemes, and tie-ups with NGOs from time to time.

4. Globalization-Vasudev Kutumbakam – The whole universe is our family. With a strong belief in Vasudev Kutumbakam, Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology extends its services in education to one and all without any discrimination on any grounds whatsoever. It strives to consistently uplift the standard of education provided, with relevance to the current global trends and standards.

1.2 Vision and Mission

Keeping in view the growing and changing needs of Industry & Society as well as the Institutional Values, S.P.I.T. is committed to creating an environment which will raise the intellectual and moral standards of our students. Our endeavour is to strive for the overall development of students, thereby enabling them to accept challenges. In tune with this our vision is-

Vision

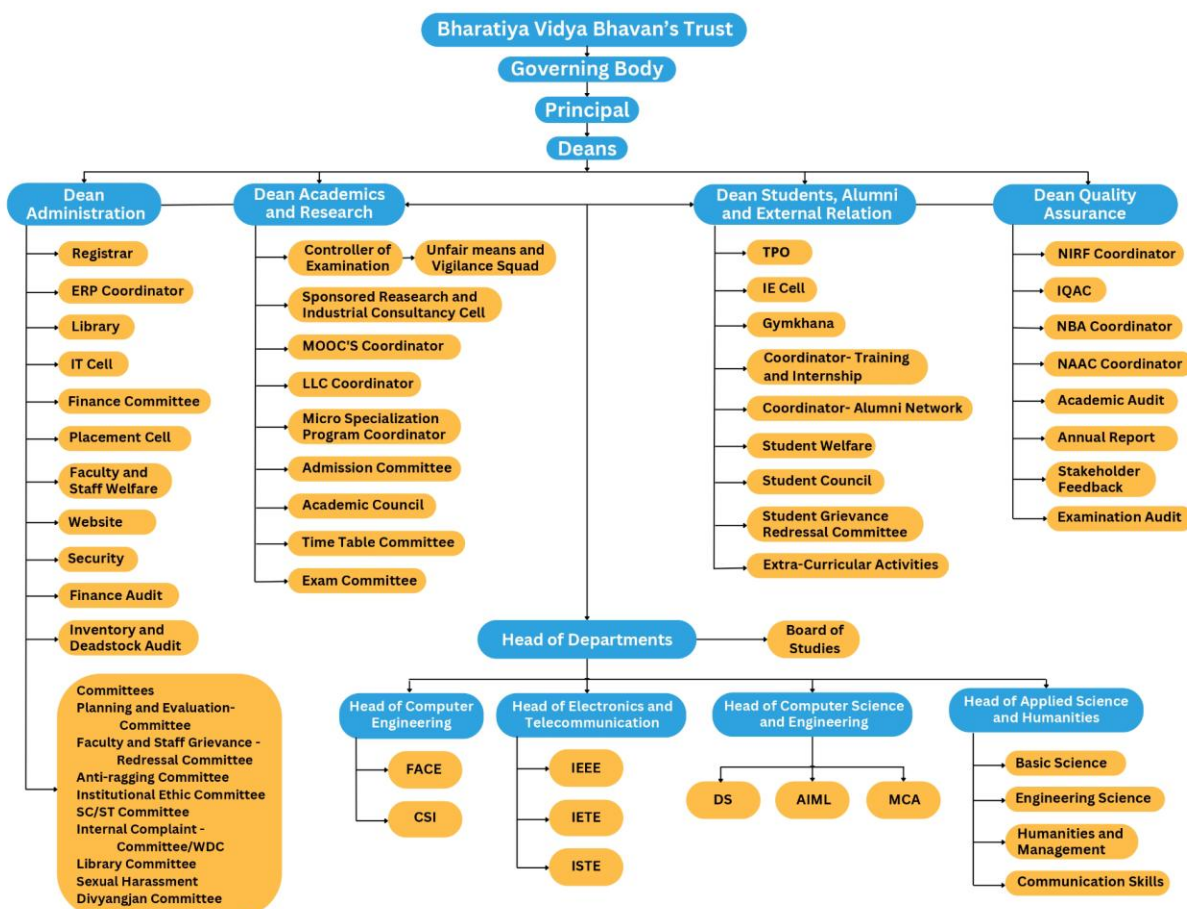
“To be a leading technical institution constantly pursuing excellence to develop holistic contributors for the society.”

Mission

- To provide a conducive academic and research environment that stimulates learning, promotes intellectual growth, and ensures professional development of students, faculty, and staff.
- To collaborate with renowned industry, academic institutions, and research laboratories for academics and research to solve real life problems.
- To leverage the strength of alumni to foster industry-relevant coaching and mentoring of the students.
- To nurture values with a sense of social responsibility and inculcate attitude and skills required for holistic development of the students.

1.3 Organization Structure

The entire governance process, execution process reflects the core values that every Bhavanite must practice in order to attend the Institute's and Founder's vision. The institute organogram has a well-defined structure with roles and responsibilities. The Principal has been empowered fully for the functioning of the institute with regard to curricular, co-curricular and extra-curricular activities. The institute observes a clear delegation of the financial powers, and decentralization of the authorities.



1.4 Board of Governance

The Governing Board (GB) has been formed in accordance with the UGC norms to oversee the institute's operations and offer guidance for its effective functioning. The BoG meets regularly to evaluate the institution's endeavours, strategic plans, and provide guidance for continuous improvement, taking into account its Vision-Mission. Following are the details of constitution of BoG for AY 2024-25.

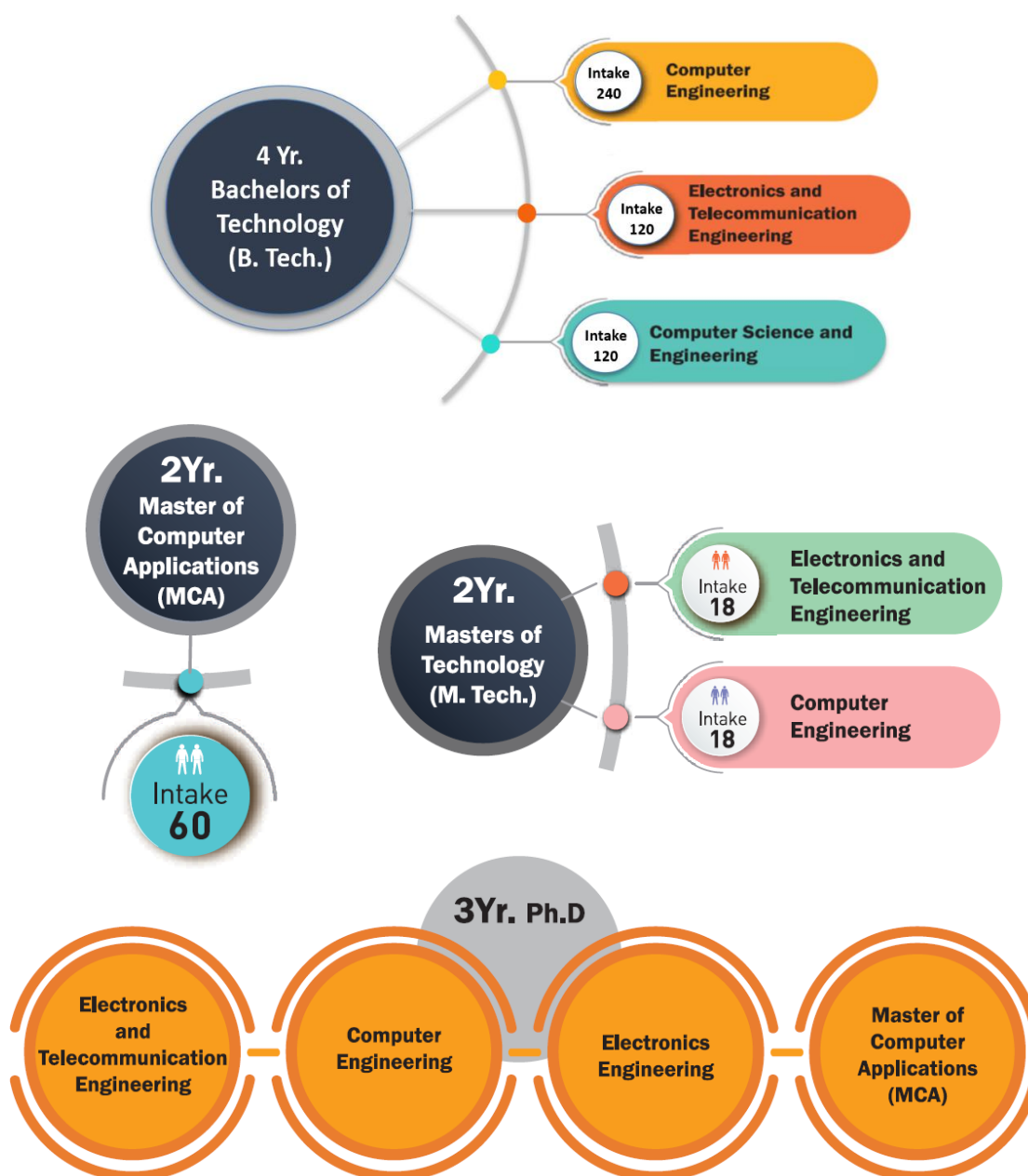
Name of the Committee Members: Governing Body		
1	Dr. Sesha Iyer <i>Professor and Adviser to the Dean, SPJIMR</i>	Chairman
2	Dr. Prachi Gharpure <i>Ex. Professor & Director of NMIMS, Indore</i>	Management Nominee
3	Shri. Asif Mulla <i>Advocate</i>	Management Nominee
4	Dr. Vikram M. Gadre <i>Professor of Electrical, IIT-Bombay</i>	Member
5	Shri. Rahul Chari <i>Founder & CTO – PhonePe</i>	Member
6	Shri. Suresh Mhatre <i>Ex. Professor, NMIMS, Mumbai</i>	Member
7	Shri. Kiran. T. Talele <i>Associate Professor & Dean-Students Affairs) S.P.I.T.</i>	Teaching Member
8	Dr. Pooja Raundale <i>Professor, S.P.I.T.</i>	Teaching Member
9	Dr. Sunil Bhirud <i>Vice Chancellor, COEP</i>	Nominee of University of Mumbai
10	Dr. Manju Singh <i>Joint Secretary, UGC</i>	Nominee of UGC
11	Dr. Pramod Naik <i>Joint Director of Technical Education, Maharashtra.</i>	Nominee of the DTE
12	Dr. Sudhir N. Dhage <i>Professor and Dean-Administration & Quality Assurance, S.P.I.T.</i>	Invitee
13	Dr. Y. S. Rao <i>Professor and Dean-Academic & Research, S.P.I.T.</i>	Invitee
14	Dr. B. N. Chaudhari <i>Principal, S.P.I.T.</i>	Principal

2. Academics

Since the inception of the institute, it has tried its best to achieve academic excellence and also demonstrated vertical growth by not only offering UG programmes but the relevant PG and doctoral programmes have also been offered.

2.1 UG, PG and Ph.D. Programs Offered

The institute offers UG, PG and Ph.D. degree programs in the following areas. The goal of the institute is to educate students who excel in engineering and applied science and also have a working knowledge of other disciplines.



2.2 Status of Admission

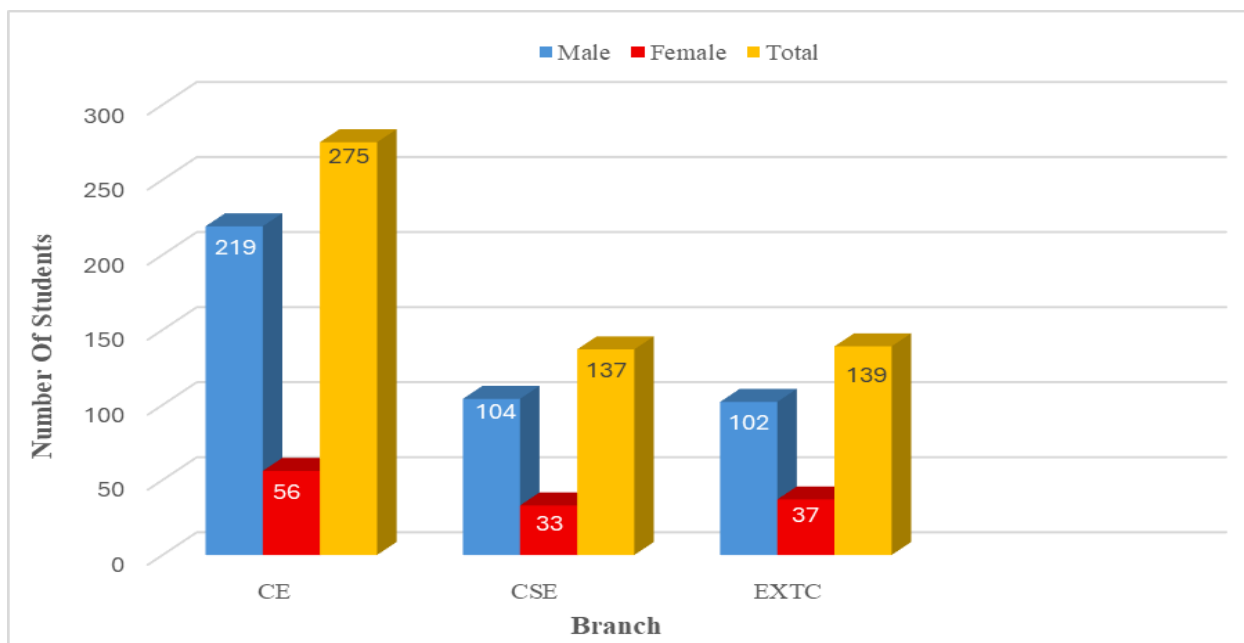
Number of Male, Female and total number of students admitted under various programs and semester for the Academic Year 2024-25 is as follows.

Sr. No.	Year	Branch	Male	Female	Total
UG					
1.	F.E.	Computer Engineering	219	56	275
2.	F.E.	Computer Science and Engineering	104	33	137
4.	F.E.	Electronics & Telecommunication	102	37	139
Total					551
1.	S.E.	Computer Engineering	237	64	301
2.	S.E.	Computer Science and Engineering	107	42	149
4.	S.E.	Electronics & Telecommunication	120	34	154
Total					604
1.	T.E.	Computer Engineering	121	36	157
2.	T.E.	Computer Science and Engineering (Data Science)	52	25	77
3.	T.E.	Computer Science and Engineering (AI&ML)	58	18	76
4.	T.E.	Electronics & Telecommunication	110	40	150
Total					460
1.	B.E.	CSE Data Science	59	22	81
		CSE AIML	56	23	79
2.	B.E.	Computers	119	34	153
4.	B.E.	Electronics & Telecommunication	119	31	150
Total					463
UG Total					2078

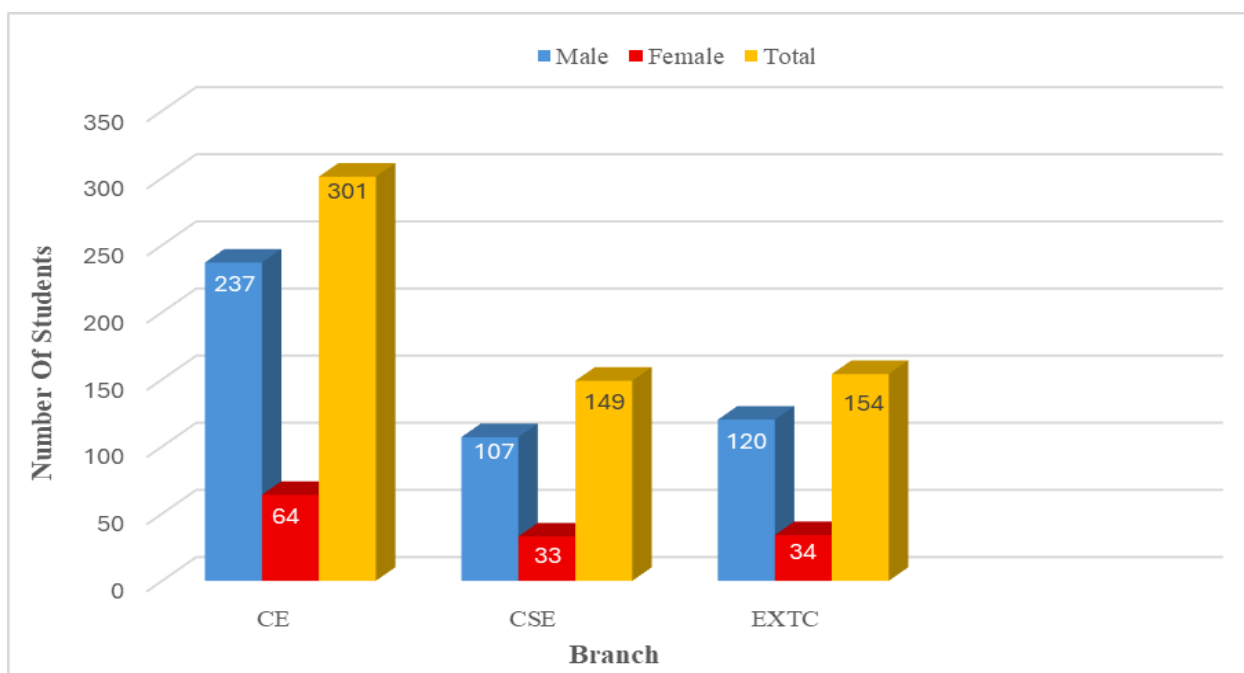
PG						
1.	MCA		1st year	47	22	69
2.	MCA		2nd year	54	12	66
Total					135	
1.	M.Tech.	CMPN	1st year	12	4	16
			2nd year	3	1	4
Total					20	
2.	M.Tech.	EXTC	1st year	4	1	5
			2nd Year	1	0	1
Total					6	
PG Total						
Grand Total					161	

There are a total of 2078 students for the UG program, 161 PG students and 70 PhD scholars. The graphical representation of distribution of Male and Female students across all the Programs i.e. Computer Engineering (CE), Computer Science & Engineering (CSE), and Electronics and Telecommunication Engineering (EXTC) as per year of study are as follows.

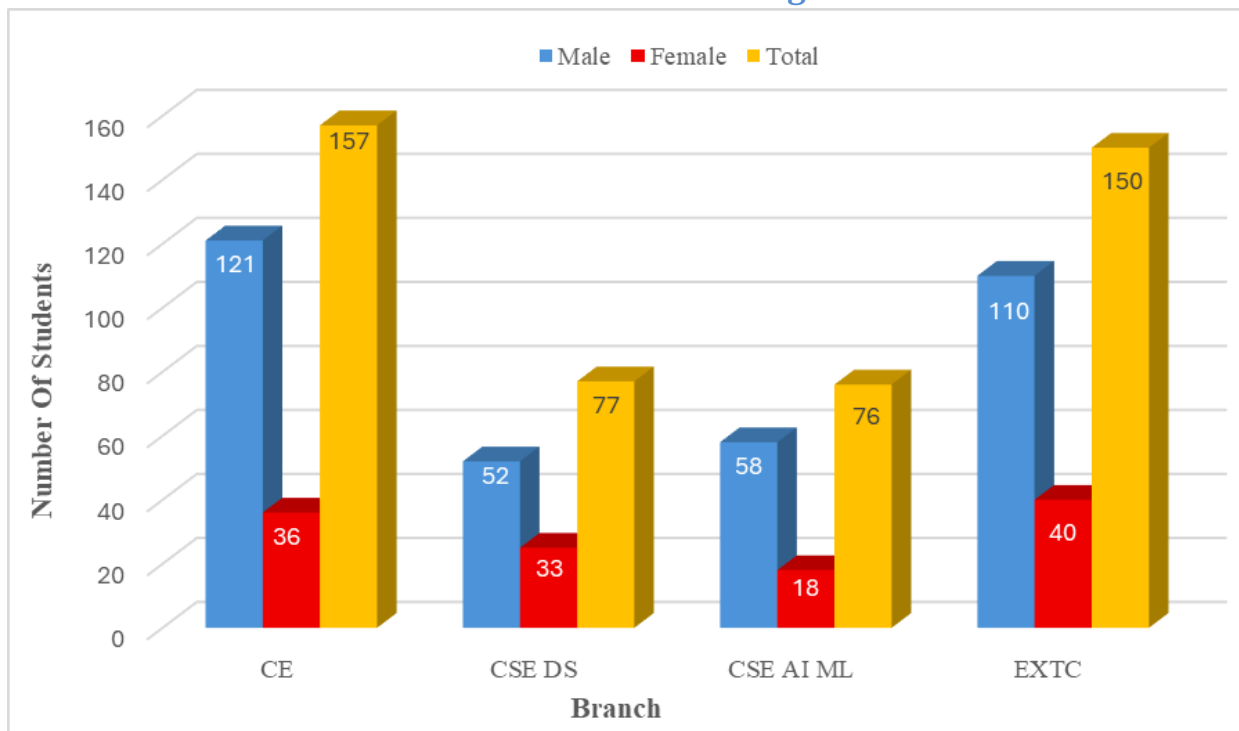
F.E. UG Student Strength



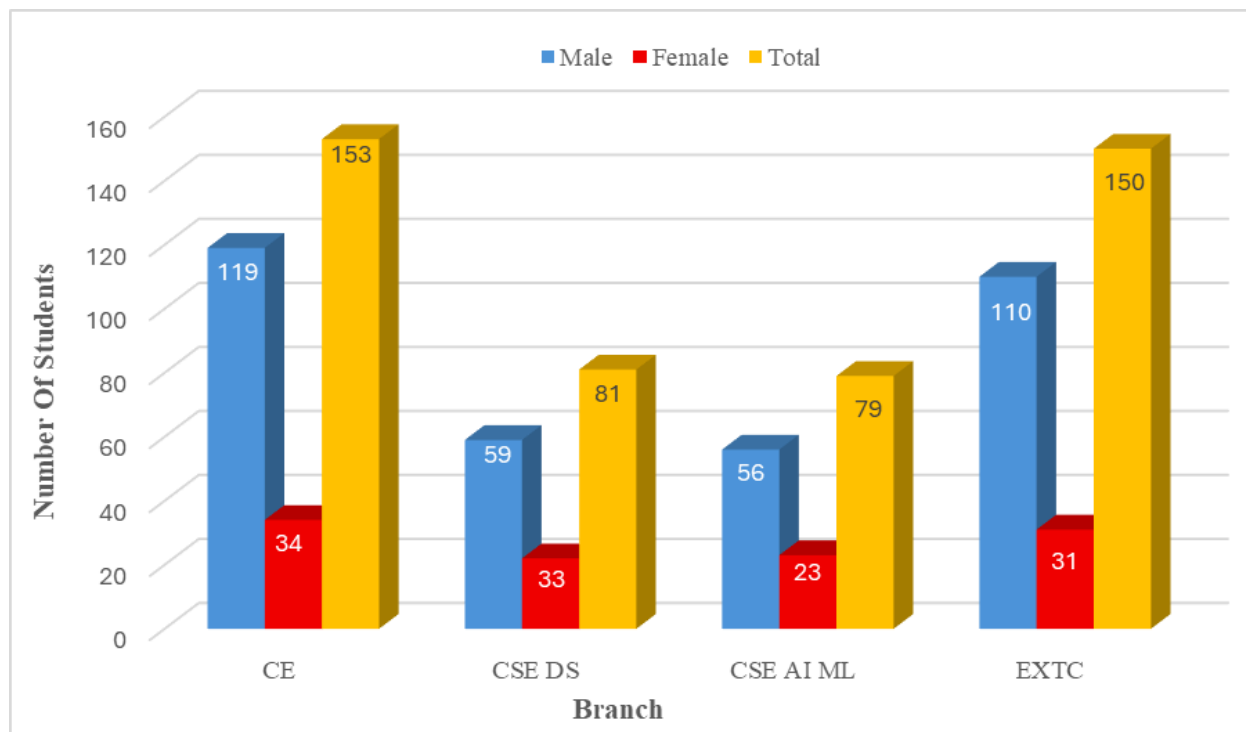
S.E. UG Student Strength



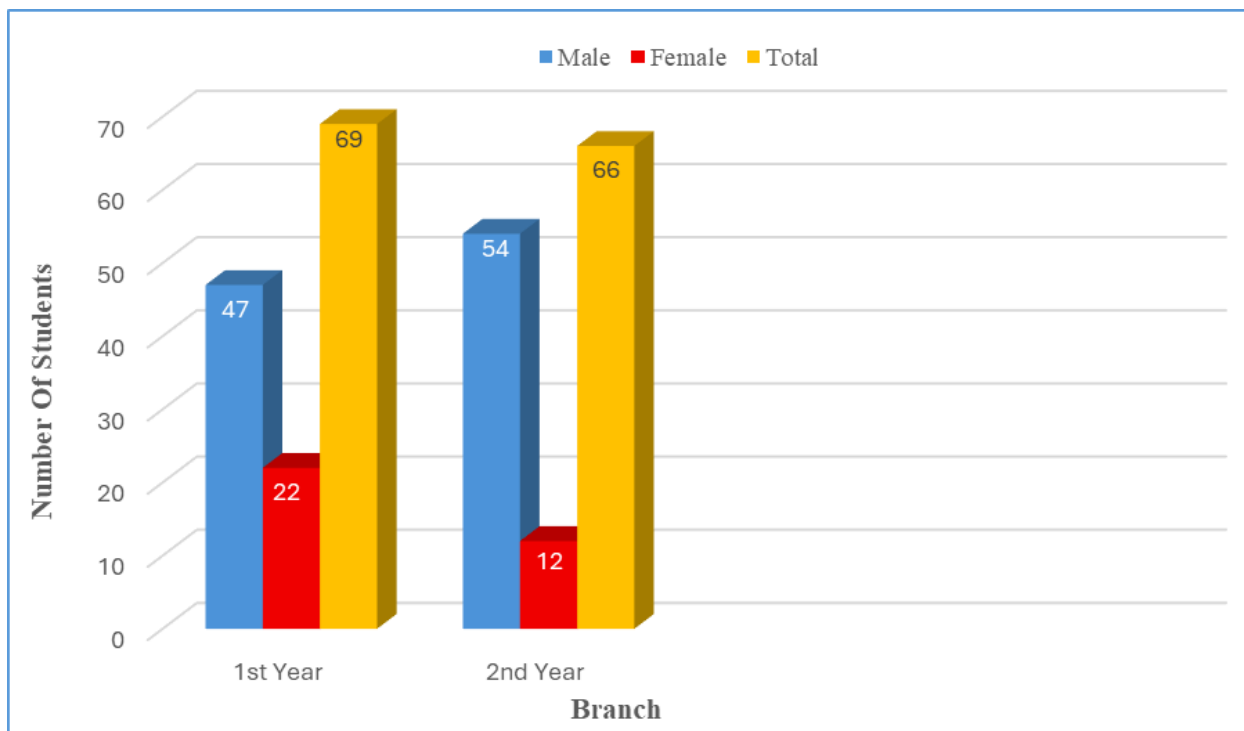
T.E. UG Student Strength



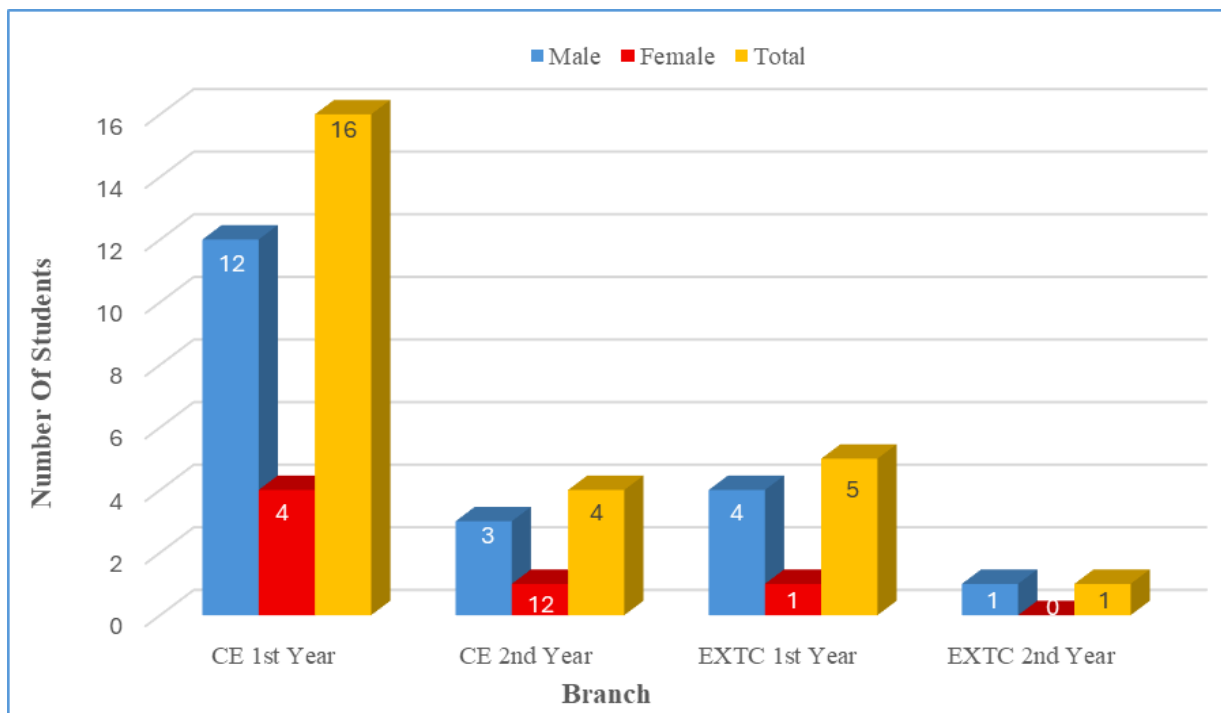
B.E. UG Student Strength



MCA Student Strength



M. Tech. Student Strength

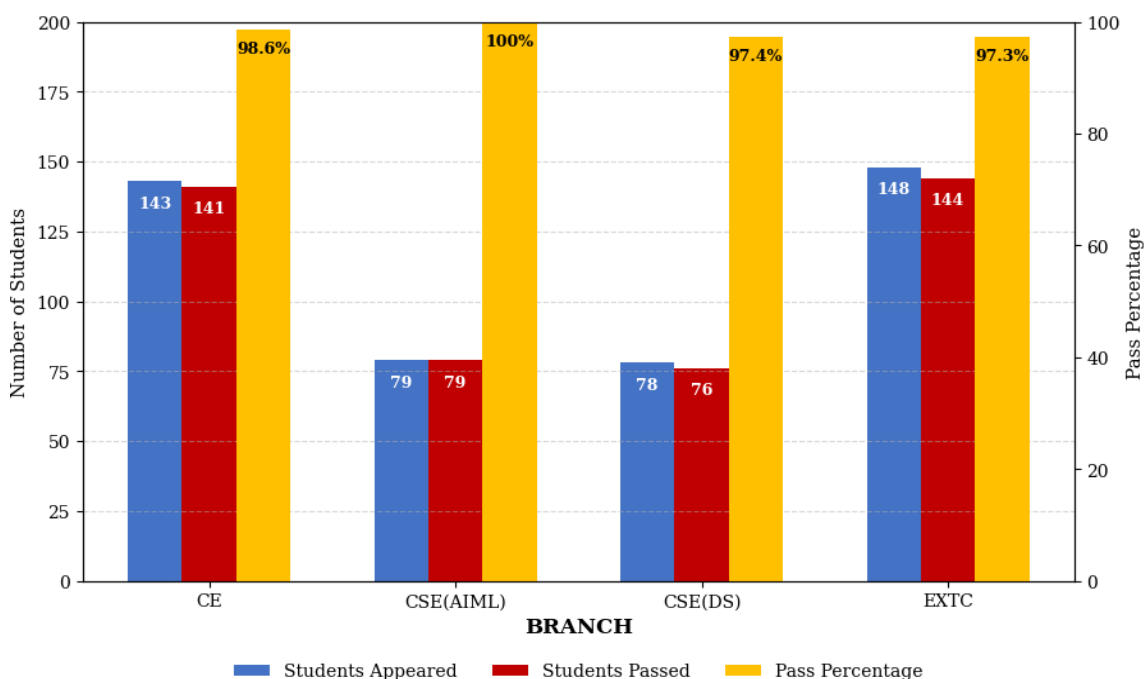


2.3 Results

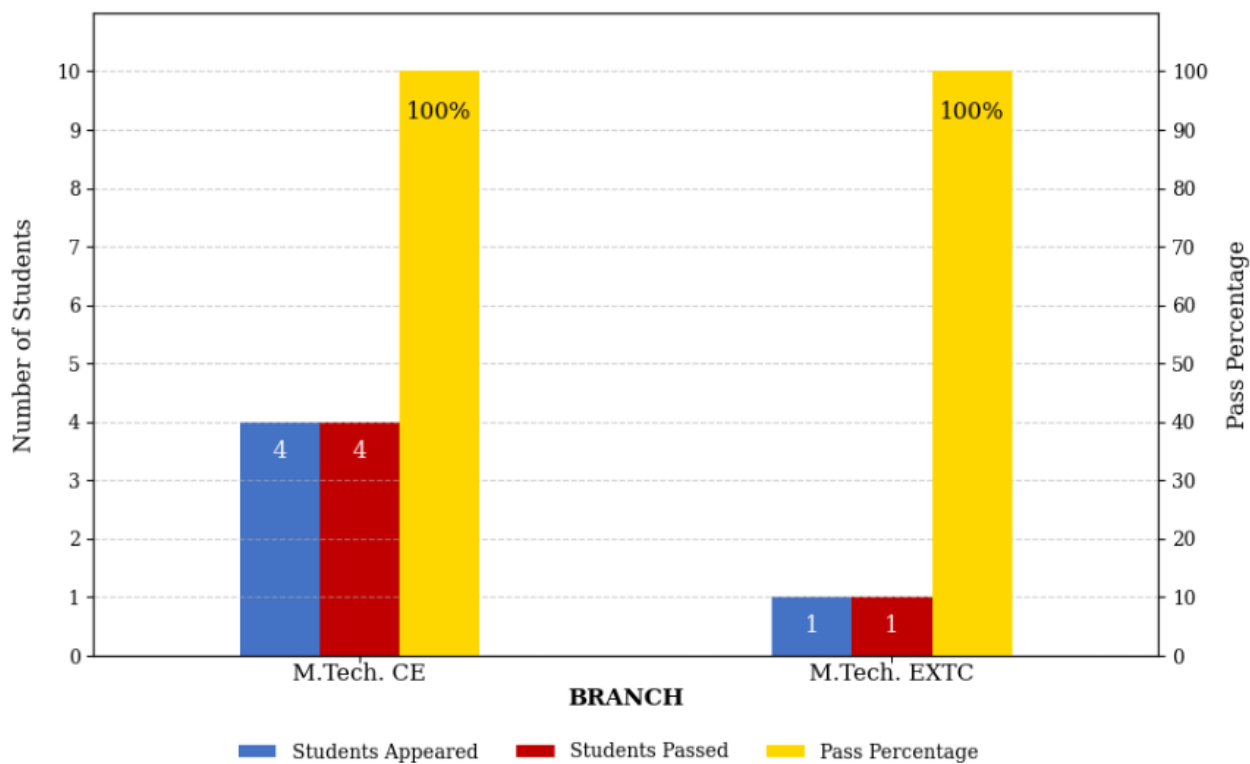
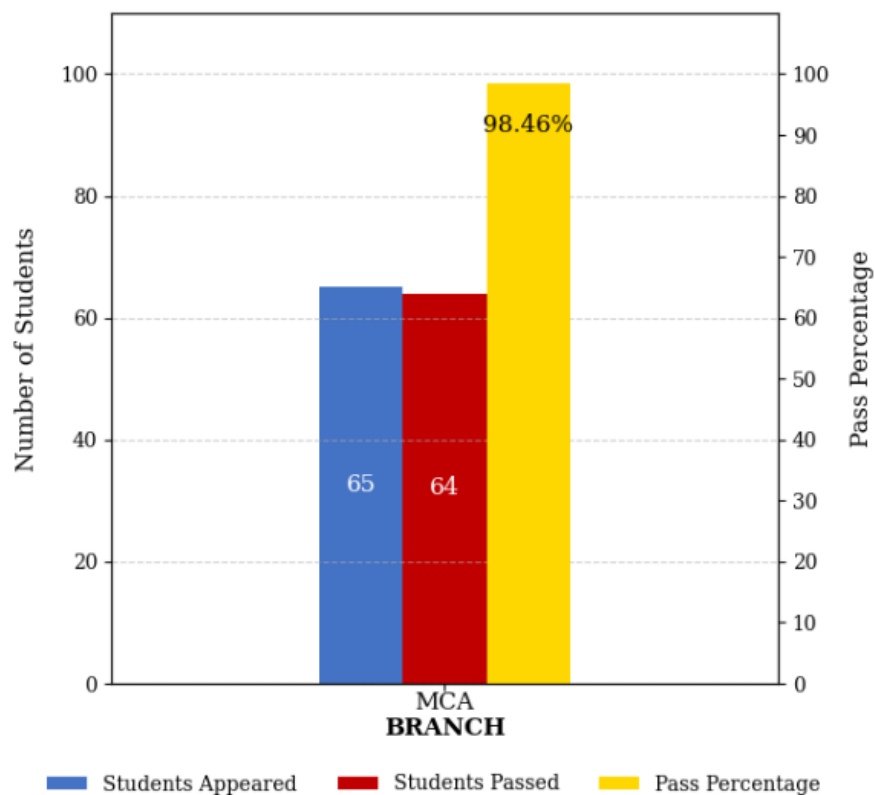
The number of students appearing in the sem VIII of each UG and PG program and the number of successful graduating students for the year 2024-2025 is as follows. The average result of all the programs is at par with the accreditation standards.

Sr. No.	Branch	Students Appeared	Students Passed	Pass Percentage
UG				
1	B.Tech. Computer Engineering	143	141	98.6
2	B.Tech. Computer Science and Engineering Artificial Intelligence and Machine Learning (AIML)	79	79	100
3	B.Tech. Computer Science and Engineering Data Science (DS)	78	76	97.4
4	B.Tech. (Electronics & Telecommunication)	148	144	97.3
PG				
5	Master of Computer Applications	65	64	98.46
6	M.Tech. Computer Engineering	4	4	100
7	M.Tech. Electronics and Telecommunication Engineering	1	1	100

UG Results



PG Results



3. Faculty Information, Contributions & Recognition

Faculty members are well experienced in their respective domains and consistently make efforts to stay updated. The college also deutes the faculty members to Faculty Development Programmes, Short Term Training Programmes and developmental programmes to ensure continuous upgradation. Many faculty members are also actively engaged in research work. Several faculty members regularly publish papers and research articles in leading journals nationally and internationally.

3.1 Faculty Information

Principal

Prof. Bhalchandra Nemichand Chaudhari

Deans

1. Prof. Sudhir N. Dhage (Dean-Administration & Quality Assurance)
2. Prof. Y.S. Rao (Dean-Academics & Research)
3. Prof. K.T. Talele (Dean of Students, Alumni & External Relation)

Computer Engineering Department

1. Prof. Sudhir N. Dhage (Professor, Dean-Administration & Quality Assurance)
2. Dr. Prasenjit Bhavtankar (Associate Professor, HOD-CE)
3. Shri. Anand Godbole (Associate Professor)
4. Dr. Surekha Dholay (Associate Professor)
5. Dr. Anant Nimkar (Associate Professor)
6. Dr. Kailash Devadkar (Associate Professor)
7. Smt. Jyoti Ramteke (Assistant Professor)
8. Dr. Natasha Raul (Assistant Professor)
9. Smt. Reeta Koshy (Assistant Professor)
10. Smt. Swapnali Kurhade (Assistant Professor)
11. Dr. Jignesh Sisodia (Assistant Professor)
12. Shri. Abhijeet Salunke (Assistant Professor)
13. Dr. Pramod Bide (Assistant Professor)
14. Shri. Sunil Ghane (Assistant Professor)
15. Dr. Disha Sail (Assistant Professor)

Computer Science and Engineering Department

1. Prof. Dhananjay R. Kalbande (Professor, HOD-CSE)
2. Dr. Sujata Kulkarni (Associate Professor)
3. Dr. D.D Ambawade (Associate Professor)
4. Dr. Renuka Pawar (Assistant Professor)
5. Smt. Sheetal Chaudhari (Assistant Professor)
6. Smt. Varsha Hole (Assistant Professor)
7. Smt. Nikahat Mulla (Assistant Professor)
8. Smt. Aparna Halbe (Assistant Professor)
9. Dr. Pooja Raundale (Professor-MCA)
10. Dr. Aarti Karande (Assistant Professor-MCA)
11. Shri. Harshil Kanakia (Assistant Professor-MCA)
12. Smt. Nikita Mangaonkar (Assistant Professor-MCA)
13. Smt. Sakina Banu Shaikh (Assistant Professor-MCA)
14. Smt. Pallavi Thakur (Assistant Professor-MCA)

Electronics and Telecommunication Engineering Department

1. Prof. Y.S. Rao (Professor, Dean-Academics & Research)
2. Dr. K.T. Talele (Associate Professor, Dean-Students Affairs & ER)
3. Dr. Reena Sonkusare (Associate Professor, HOD-EXTC)
4. Dr. Rajendra Sutar (Associate Professor)
5. Dr. Narendra Bhagat (Associate Professor)
6. Dr. Deepak Karia (Associate Professor)
7. Dr. Sukanya Kulkarni (Associate Professor)
8. Shri. Manish Parmar (Associate Professor)
9. Dr. Anand Mane (Assistant Professor)
10. Dr. Prashant Kasambe (Assistant Professor)
11. Dr. Payal Shah (Assistant Professor)
12. Dr. Manisha Bansode (Assistant Professor)
13. Shri. Govind Haldankar (Assistant Professor)
14. Shri. Milind Paraye (Assistant Professor)
15. Dr. Amol Deshpande (Assistant Professor)
16. Smt. Priya Deshpande (Assistant Professor)
17. Shri. Najib Ghatte (Assistant Professor)
18. Smt. Sneha Weaky (Assistant Professor)
19. Smt. Pallavi Nair (Assistant Professor)

Applied Science, Mathematics and Humanities Department

1. Dr. D.M. Patil (Associate Professor, HOD-ASMh)
2. Shri. C.R. Gajbhiye (Assistant Professor)
3. Dr. Hemant Vasaikar (Assistant Professor)
4. Smt. Meghana Naik (Assistant Professor)
5. Shri. Kaisar Katchi (Assistant Professor)
6. Smt. Ananthalakshmi V. (Assistant Professor)

Library

1. Smt. Aditi Gaikwad (Librarian)
2. Shri. Sanjay Joshi (Assistant Librarian)

Full-Time Adhoc Faculty

1. Mr. Anuj V. Tawari (Assistant Professor, CE)
2. Ms. Shivani Supe (Assistant Professor, CE)
3. Dr. Suhas Kakde (Assistant Professor, CSE)
4. Dr. Pranav Nerurkar (Assistant Professor, CSE)
5. Dr. Sanjuktarani Jena (Assistant Professor, CSE)
6. Dr. Nikita Mishra (Assistant Professor, CSE)
7. Ms. Mayuri More (Assistant Professor, CSE)
8. Ms. Vaishnavee Rathod (Assistant Professor, CSE)
9. Ms. Swati Vyas (Assistant Professor, CSE)
10. Mr. Vipul Kushwaha (Assistant Professor, CSE)
11. Mr. Samuel Jacob (Assistant Professor, CSE)
12. Mr. Siddhartha Chandra (Assistant Professor, CSE)
13. Ms. Shalini N. (Assistant Professor, CSE)
14. Ms. Swati Karle (Assistant Professor, CSE)
15. Dr. Rajendra Sawant (Professor, EXTC)
16. Ms. Mrinmayi Patil (Assistant Professor, EXTC)
17. Dr. Pankaj Binda (Assistant Professor, EXTC)
18. Mr. Inderkumar Kocher (Assistant Professor, EXTC)
19. Dr. Shanti Swamy (Assistant Professor, EXTC)
20. Dr. Santoshkumar Sabat (Assistant Professor, EXTC)
21. Dr. Abhijeet Bhogale (Assistant Professor, ASMH)
22. Dr. Deepak Nair (Assistant Professor, ASMH)
23. Ms. Sonali Dudihalli (Assistant Professor, ASMH)
24. Ms. Suman Majee (Assistant Professor, ASMH)
25. Mr. Aman Yadav (Assistant Professor, ASMH)
26. Ms. Asma Tambe (Assistant Professor, ASMH)
27. Ms. Radha Sonavadekar (Assistant Professor, ASMH)
28. Ms. Taqdis Pawle (Assistant Professor, ASMH)
29. Dr. Ojasvi Pal (Assistant Professor, ASMH)
30. Ms. Sayali Shembalkar (Assistant Professor, ASMH)
31. Ms. Shweta Jamdhade (Assistant Professor, ASMH)
32. Ms. Nitisha Achmelwar (Assistant Professor, ASMH)
33. Ms. Sparsh Vyas (Assistant Professor, ASMH)
34. Ms. Saomyavandit S. A. (Assistant Professor, ASMH)
35. Mr. Umakant Biradar (Assistant Professor, ASMH)



Visiting Faculty

1. Dr. Sabuwala Noshin (Assistant Professor)
2. Ms. Sharvari Khataavkar (Assistant Professor)
3. Ms. Sabrina Modak (Assistant Professor)
4. Ms. Rakhi Ranade (Assistant Professor)
5. Mr. Mangesh More (Assistant Professor)
6. Mrs. Aruna Rao (Assistant Professor)

Professor of Practice

1. Dr. B. Satyanarayana (Professor, EXTC)
2. Ms. Vandana Wekhande (Assistant Professor, EXTC)
3. Mr. Govind Gaundalkar (Assistant Professor, CSE)

Student Counsellor

1. Smt. Mona Upadhyaya (Assistant Professor)

3.2 Research Contributions

Research activity is one of the pillars in any institute that contributes to the solutions of the problems of academic interest as well as society. Apart from imparting motivation from the institute, our faculty are self-motivated for various research activities. One such activity is the publications in reputed international journals and conferences. The details of all these publications by various departments have been presented for reference.

Journal Publications Computer Engineering (13)

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
1	Multipolarity-Based Sentiment Classification Using Hybrid HDL-Fuzzy-RMDL Network	Ms. Neelima S. Ambekar, Dr. Anant Nimkar	IEEE Transactions on Computational Social Systems	2025	2329-924X	https://ieeexplore.ieee.org/document/10787536	Yes
2	Sentiment analysis in EdTech: A study on course Review Feedback Using NLP	Mr. Vaibhav Mahale, Mr. Ronak Matolia, Mr. Deep Mehta, Prof. Anand Godbole	IJRESM	2025	2581-5792	https://journal.ijresm.com/index.php/ijresm/article/view/3210/3266	No
3	Certichain – A University Certificate Verifier	Mr. Prashil Kadam, Mr. Deepraj Kadam, Mr. Kevin Suvarna, Dr. Kailas Devadkar, Dr. Jignesh Sisodia	IJERT	2025	2278-0181	https://www.ijert.org/certichain-a-university-certificate-verifier	No
4	Bharat: India's Ultimate AR Tour Guide App	Ms. Tisha Negandhi, Ms. Bhavisha Sondagar, Mr. Shlok Mehta, Mr. Smit Meghani and Dr. Rupali Sawant	Grenze Scientific Society	2025	2395-5295	https://www.academia.edu/145489990/BhA_Rat_Indias_Ultimate_AR_Tour_Guide_App	No

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
5	Robotics Process Automation for Banking	Mr. Prashant S. Bhandare, Prof. Jyoti Ramteke	Nanotechnology Perceptions	2024	1660-6795	--	--
6	TE-CapsNet: time efficient capsule network for automatic disease classification from medical images	Yadav, S., Dhage, S.	Multimedia Tools and Applications	2024	--	https://doi.org/10.1007/s11042-023-17458-4	Yes
7	NutriMitra- Diet Recommendation system	Mr. Akash Sanjay Panicker, Mr. Mahesh Anil Patil, Mr. Rohit Sanjay Phalke, Prof. Anand Godbole	IJRESM	2024	2581-5792	https://www.ijresm.com/storage/articles/3/IJRESM_V7_I1_2_1.pdf	NoV
8	Cumulative Score based Resume Score Generation and Ranking	Prof. Reeta Koshy, Mr. Shaan Agarwal, Mr. Yash Burad, Mr. Shivam Kamble	IJRSET	2024	2319-8753	--	No
9	Social Sync: A Smart Chat Application	Ms. Riti Vakil, Ms. Darshana Chothave, Prof. Reeta Koshy	IJRSET	2024	2319-8753	--	No
10	HeartSense: Heart Disease Risk Prediction Using Non-Invasive Parameters	Mr. Eeshan Gomes, Mr. Kaustubh Bagale, Mr. Kaumod Bagale, Dr. Nataasha Raul, Mr. Akash Agrawal	IJRAR	2024	2348-1269	--	No

11	Maxxfemme: Hairstyle and Makeup Recommendation System for Women	Ms. Ruchi Bhanushali, Ms. Ashwika Iyer, Ms. Keya Dey, Dr. Nataasha Raul, Mr. Akash Agrawal	IJRAR	2024	E-ISSN 2348-1269, P-ISSN 2349-5138	https://ijrar.org/viewfull.php?&p_id=IJRAR_24C1516	No
12	A-Eye: Attendance Marking System using Facial Recognition	Ms. Rakshita Borkar, Mr. Aditya Nair, Mr. Manav Shah, Dr. Nataasha Raul, Mr. Akash Agrawal	IJRAR	2024	ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR_24C1770	No
13	Ontology Construction: Bioinspired improved sea lion optimization model for semantic information retrieval	Ms. Shital Kakad, Dr. Sudhir Dhage	Penerbit UTM Press	2024	167–177	https://journals.utm.my/aej/article/view/21513/8628	Yes

Computer Science & Engineering (18)

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
1	Blog Generation using Generative AI	Dr. Dhananjay Kalbande, Ms. Pranali Raghatwan, Ms. Seema Padghan	IJTE Volume 48, No 1, January-March 2025.	2025	0971-3034	https://www.ijteonline.in/assets/uploads/issue_pdf/1761849034.pdf	--
2	SciAR Labs: Exploring Science Through Augmented Reality	Ms. Bhavisha Sondagar, Ms. Dhruvi Sheth, Mr. Kaustubh Kachare, Dr. Renuka Pawar, Dr. Dhananjay Kalbande	SN Computer Science Journal, Springer Nature	2025	--	https://link.springer.com/article/10.1007/s42979-025-03884-8	Yes

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
3	Multimodal perception for enhancing human computer interaction through real-world affect recognition	Ms. Karishma Raut, Dr. Sujata Kulkarni	Indonesia Journal of Electrical Engineering and computer science	2025	--	http://doi.org/10.11591/ijeecs.v38.i1.pp428-438	Yes
4	An adaptive deep learning approach for identification of crop-types from remote sensing images	Ms. Shilpa Vatkar, Dr. Sujata Kulkarni	Evolving Systems	2025	--	https://doi.org/10.1007/s12530-025-09702-z	Yes
5	Biometric face phylogeny tree reconstruction using optimal texture extraction model	Ms. Hemlata Mote, Dr. Sujata Kulkarni	Springer Nature	2025	--	https://doi.org/10.1007/s11760-025-03926-x	Yes
6	Performance evaluation of a lightweight acrylic flat plate collector with natural flow integration in a hybrid photovoltaic-thermal (PVT) system	Dr. Suhas Kakade	Elsevier	2025	--	https://doi.org/10.1016/j.csite.2025.105780	Yes
7	Automatic Number Plate Detection System for Indian Vehicles Using Yolov5 and EasyOCR	Dr. Suhas Kakade	Springer	2025	--	https://doi.org/10.1007/978-981-97-3292-0_21	Yes
8	Unified Diagnostics Off-board Tool Development Testing	Dr. Suhas Kakade	SAE	2025	--	https://doi.org/10.4271/2024-01-5041	--

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
9	EffUNet++: A Novel Architecture for Brain Tumor Segmentation Using FLAIR MRI Images	Mr. Agnesh Chandra Yadav, Mr. Maheshkumar H. Kolekar, Mr. Yash Sonawane, Ms. Gargi Kadam, Ms. Sanika Tiwarekar And, Dr. Dhananjay Kalbande	IEEE Access	2024	2169-3536	https://doi.org/10.1109/ACCESS.2024.3480271	No
10	Multiattribute Deep CNN-Based Approach for Detecting Medicinal Plants and Their Use for Skin Diseases	Ms. Prachi Dalvi, Dr. Dhananjay Kalbande, Mr. Surendra Rathod, Mr. Harshal Dalvi	IEEE Transaction on Artificial Intelligence	2024	2691-4581	https://doi.org/10.1109/TAI.2024.3491938	Yes
11	A comprehensive review of AI-powered skincare product recommendation systems: From data collection to user experience	Ms. Nikita Ramrakhiani, Dr. Dhananjay Kalbande	Sage Journal	2024	--	https://doi.org/10.1177/20427530241304073	No
12	A Game-Based Mobile Application for Cognitive Development in Children with Autism Spectrum Disorder	Dr. Dhananjay Kalbande, Mr. Akash Kedari, Mr. Mayank Kalbande, Dr. Surendra Singh Rathod	8th National conference on Disability, Accessibility, inclusion and well being at TISS, Mumbai	2024	--	https://tiss.ac.in/uploads/files/UGC-CareTISS_Journal_of_Disability_Studies_and_Research_Vol-IV_Issue_-_II_December_2024_gCg6Oai.pdf	—

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
13	Automatic Prediction of Soil Moisture Using Efficient	Ms. Shilpa Varkar, Dr. Sujata Kulkarni	Remote sensing in Earth System science	2024	--	https://doi.org/10.1007/s41976-025-00209-4	Yes
14	Multimodal Spatio-Temporal Framework for Real World Affect Recognition, published in International Journal of Intelligent Networks, Elsevier.	Ms. Karishma Raut, Dr. Sujata Kulkarni	International Journal of Intelligent Networks	2024	--	https://doi.org/10.1016/j.ijin.2024.10.001	Yes
15	Blockchain-Driven Academic Learning Record Management in Higher Education: A Comprehensive Review of Methodologies, Applications, Benefits, and Challenges	Prof. Sheetal Chaudhari, Mr. Mahesh Shirole	SNCS	2024	--	https://doi.org/10.1007/s42979-025-03952-z	Yes
16	SBB-Chi2-A2: stacking of bagging-boosting with the blend Chi-square for effective prediction of aortic aneurysm using biomarker profiling	Prof. Sanjuktarani Jena	Springer	2024	--	https://doi.org/10.1007/s41870-024-02360-5	Yes

17	Near-Duplicate Image Analysis: Comprehensive Approaches to Image Phylogeny Tree Construction and Forensic Applications	Ms. Hemalata Mote and Dr. Sujata Kulkarni	Intelligent Systems and Applications in Engineering	2024	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/6471	Yes
18	Advancements in seismic data collection and analysis through machine-learning	Dr. Sujata Kulkarni, Mr. Malay Phadke, Ms. Ashwini Sawant, Mr. Neel Patel, Mr. Om Patil	Indonesia Journal of Electrical Engineering and computer science	2024	--	http://doi.org/10.11591/ijeecs.v37.i3.pp2058-2068	Yes

Electronics and Telecommunication Engineering (14)

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
1	Speech-Controlled Power Lenses for Optical Wearables: A Hands-Free Solution for Focus Adjustment	Mr. Aryan Adav, Dr. Anand Mane, Mr. Anirudh Prakash, Mr. Rushikesh Mahale, Mr. Jaideep Balde	IJRASET	2025	2321-9653	https://doi.org/10.22214/ijraset.2025.71208	--
2	Deformed L-Shaped MSL-Fed Wide Band Circularly Polarized Body Wearable Annular Ring Slot Antenna	Mr. Kiran R Rathod, Mr. BK Mishra, Mr. Vinitkumar Jayaprakash Dongre, Dr. Amol Deshpande	IJMOT	2025	--	--	--
3	Eco watch - Machine Learning Based Litter Detection	Mr. A. Kesarwani, Mr. G. Kela, Mr. A. Khaire, Dr. Reena Sonkusare	IJIRT	2025	2349-6002	https://drive.google.com/file/d/1XQITbTZML8IM_wbo-UwNqhBb8kdwjg/view?usp=drive_link	--

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
4	A Novel Machine Learning Supported Compact, High Sensitivity EBG Based Microwave Sensor For Dielectric Characterization of Liquids	Mr. Tulshidas R. Mane, Dr. Reena Sonkusare, Mr. Pramod Bharavathe, Ms. Kompella S.L. Parvathi	Progress In Electromagnetics Research B	2025	1937-6472	https://doi.org/10.21203/rs.3.rs-6381971/v1	--
5	TouchSign Bridge: Overall Solution for Visual and Speech-Impaired People	Mr. Durvesh Chaudhari, Ms. Adrika Dikshit, Mr. Jay Kolte, Dr. Deepak Karia	GIJET	2025	2395-5287	--	--
6	Efficient Temperature Regulation: An Arduino-PID Approach to Peltier Water Cooling	Mr. Vijay Prasanna Gurubaran, Mr. Palaash Gandhi, Mr. Vishal Jha, Prof. Sneha Weakey, Dr. Sukanya Kulkarni	GIJET	2025	Not specified	https://drive.google.com/file/d/10Y3-pWwluZNbw5I8rvXimWXbHYv2vDGz/view?usp=drive_link	--
7	Predicting Electricity Bill Prices using LSTM and IoT-based Sensor Data	Mr. Khush Jain, Dr. Anand Mane, Mr. Heet Jain, Mr. Harshvardhan Sethia	GIJET	2025	Not specified	https://drive.google.com/file/d/10bXBqxcze3eVjUhGgyQO3N_DH5qzafS/view?usp=sharing	--
8	Automated Object Sorting Using Image Processing and Machine Learning Techniques	Mr. Chaitanya Chaudhari, Mr. Atharva Ghatol, Mr. Vishal Jaybhaye, Ms. Manisha Bansode, Prof. Govind Haldankar	IJIRT	2025	--	https://drive.google.com/file/d/1GFwKI4eMDzcGlUcKieUKjAvh95qtNhb/view?usp=drive_link	--

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
9	Voltcare-Battery Charge Monitoring and Fire Prevention System	Mr. Athrav Bhagwat, Mr. Vedant Bhasre, Dr. Narendra Bhagat	IJIRT	2025	2349-6002	https://drive.google.com/file/d/17_UvdMgXBzxAFJbYaAZR8NhuriypXWJT/view?usp=drive_link	--
10	Smart Mobile Autonomous Robotic Trolley	Mr. Soham Kapadi, Mr. Aryan Allegunti, Mr. Prathamesh Kapoor, Dr. Narendra Bhagat, Prof. Priya Chimurkar	IJRASET	2025	2321-9653	https://drive.google.com/file/d/1GnKkKEeWusflyEFN8dqxiN1xQKXBOjSO/view?usp=drive_link	--
11	A hybrid combination of improved mayfly optimization based modified perturb and observe for solar based water pumping system	Mr. Dattatray Surykant Sawant, Dr. Y S Rao, Dr. Rajendra Ramchandra Sawant	IJECS	2025	2502-4752	http://doi.org/10.11591/ijeecs.v38.i1.pp50-62	--
12	Assessment of Transformer-Based Encoder-Decoder Model for Human-Like Summarization	Ms. Sindhu Nair, Dr. Y S Rao, Ms. Radha Shankarmani	arXiv preprint arXiv:2410.16842	2024	--	https://arxiv.org/pdf/2410.16842	--
13	Development Of An Ai-Powered Job Matching And Portal System	Sakshi Shelar, Rahul Joshi, Abhinav Hadole, Payal Shah, Govind Haldankar, Prof. Manisha Bansode	IJCRT	2024	--	https://drive.google.com/file/d/1nxKNybfVcf4qqjYpTzJV4hB1Jl5Fhj2G/view?usp=drive_link	--
14	IoT-Based Air Conditioner Monitoring System	Yash Jain, Chirag Garidhar, Siddharth Revankar, Y S Rao	IJMR	Not specified	2582-2160	https://doi.org/10.36948/ijfmr.2024.v06i04.24587	--

Master of Computer Applications (11)

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
1	Carbon Smart: An Application to track carbon emissions on Individual level	Mr. Shoyab Sidhique, Ms. Mrunal Jadhav, Prof. Nikhita Mangaonkar	TIJTE	2025	0971 - 3034	https://www.isteonline.in/Datafiles/cms//2025/IJTE%20Special%20issue%202%20April%202025%20(2)_compressed%20(1).pdf	No
2	Predicting Relationship Stability Using Communication Patterns	Mr. Deepak Gahalot, Mr. Harshil Vasani, Prof. Harshil Kanakia	IJRASET	2025	2321-9653	https://www.ijraset.com/research-paper/predicting-relationship-stability-using-communication-patterns	No
3	Automatic Text Summarization Methods	Mr. Mayank Gangadhar Warkade, Mr. Devendra Gajanan Birari, Prof. Sakina Salmani	IJRASET	2025	2321-9653	—	No
4	Understanding Meme Coin Trends Through Sentiment Analysis	Mr. Pratham Pise, Mr. Mohit Salunkhe, Prof. Pallavi Thakur	IJRASET	2025	2321-9653	https://doi.org/10.22214/ijraset.2025.73025	No
5	Diabetes Prediction Using ML Techniques	Mr. Shubham Gosavi, Mr. Yash Patil, Prof. Nikhita Mangaonkar	STM Journal	2025	2393-8722	https://journals.stmjournals.com/rrjobi/article=2024/view=184886/	No

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
6	Hindi Pronunciation Analysis for Speech Impaired using MFCC and DTW	Mr. Sahil Panchbhaiya, Mr. Pranav Menon, Mr. Rishikesh Lingayat and Prof. Nikhita Mangaonkar	IJCA	2024.	0975-8887	--	No
7	Facial Emotion Recognition with Universal Solutions for Personalised Mental Well-being using Machine Learning, Convolutional Neural Network, HAAR Cascade	Mr. Kratik Sharma, Ms. Arpita Patil and Prof. Nikhita Mangaonkar	Journal of Technology	2024	1012-3407	https://journaloftechnology.org/volume-12-issue-8-2024/	No
8	Know Your Rights: A Mobile App for Child Rights Education in India	Mr. Pankaj Dhotre, Mr. Shreyash Rokade, Dr. Aarti Karande	IJIRT	2024	2349-6002	https://ijirt.org/publishedpaper/IJIRT168119_PAPER.pdf	No
9	Tomato Price Prediction Based on Regression	Mr. Siddheshwar Devkate, Mr. Ruturaj Deshpande, Dr. Aarti Karande	IJSRD	2024	2321-0613	https://www.ijdsrd.com/article/s/IJSRDV11I110074.pdf	No
10	Smart water Management System's Technique Analysis	Dr. Aarti Karande, Mr. Ankur Tambe	Journal of University of Shanghai for Science and Technology	2024	1007-6735	https://jusst.org/wp-content/uploads/2024/07/Water-Management-SSystem_AT_And_AK.pdf	No
11	Emotion based Music Recommendation using Face Recognition	Anjali Salvi, Prajakta Shevkar, Harshil Kanakia	IJNRD	2024	2456-4184	https://www.ijnr.org/papers/IJNRD2410111.pdf	No

ASMh (03)

Sr. No.	Title of the Paper	Name of Author/s	Name of Publication	Year of Publication	ISSN Number	Link to article/paper /abstract of the article	Is it listed in Scopus?
1	The Lorenz Attractor: A Fractal Perspective using MATLAB	Prof, Meghana Bagwe, Ms. Bharti Nathwani	Communications on Applied Nonlinear Analysis	2025	1074-133X	https://internationalpubs.com/index.php/cana/article/view/3722	Yes
2	A Study of Complex Chaotic Characteristics of Lorenz Systems with Classical and Fractional Order Derivatives	Prof. Meghana B, Ms. Bharti V, Mr. Mohammad S, Mr. Ajit S.	Panamerican Mathematical Journal	2024	1064-9735	https://internationalpubs.com/index.php/pmj/article/view/4228/2429	Yes
3.	Polarization and third-order Hall effect in III-V semiconductor heterojunctions	Dr. Ojasvi Pal, Mr. Tarun Kanti Ghosh	Physical Review B	2024	2469-9969	https://journals.aps.org/prb/abstract/10.1103/PhysRevB.109.035202	Yes

International Conference Publications

Computer Engineering (23)

1. Dr. S. N. Dhage, "Automated Region of Interest Extraction for Reed-Sternberg Cells Using Computer Vision," 2024 IEEE 21st India Council International Conference (INDICON), 2024
2. Dr. S. N. Dhage, "MedSeg: A Medical Image Analyzer," 2024 Control Instrumentation System Conference (CISCON), 2024
3. Dr. S. N. Dhage, "Smart Signals: Real-Time Traffic Adjuster," 2024 15th International Conference on Computing, Communication and Networking Technologies (ICCCNT), 2024
4. S. Brid, M. P. Abhyankar, P. P. Nair, D. N. Shah and Dr. S. N. Dhage, "Vad-Anuvad: Speech to Sign Language & Sign Language to Speech," 5th IEEE Global Conference on Advancement in Technology (GCAT), 2024.

5. P. N. Gunjgur and Dr. S. N. Dhage, "Hybrid reinforcement learning-based anomaly detection in AWS CloudTrail logs," IEEE International Conference on Computing, Electronics, Electrical Engineering and Applications (IC2E3), 2025.
6. V. Zope and Dr. S. N. Dhage, "Leveraging technology against wildlife trafficking and fighting disease," Asian Conference on Innovation in Technology (ASIANCON), 2025.
7. K. Tarafdar, A. Meher, M. Shah, Q. Saifee, D. Kumar, Dr. A. Nimkar, R. Jayasundar and V. M. Gadre, "Multiresolution Encoder-Decoder Convolutional Neural Network for Magnetic Resonance Image Segmentation," ICASSP 2025 - 2025 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Hyderabad, India, 2025.
8. D. Surve and Dr. A. Nimkar, "Integrating Error Level Analysis and Sensor Pattern Noise for Image Forgery Detection," 2024 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT), Gwalior, India, 2024
9. A. Purohit, P. Pujari, K. Shah and Dr. A. V. Nimkar, "Crop and Weed Segmentation Using ResNet-Unet Architecture," 2024 First International Conference on Data, Computation and Communication (ICDCC), Sehore, India, 2024.
10. N. S. Ambekar and Dr. A. V. Nimkar, "HAN-CapsNet: Multi-polarity Based Sentiment Classification using Hierarchical Attention Networks and Capsule Neural Network," 2024 7th International Conference on Information and Communications Technology (ICOIACT), Ishikawa, Japan, 2024.
11. A. Purohit, P. Pujari, K. Shah and Dr. A. V. Nimkar, "CRBC-An Automated Approach for Handwriting OCR," 2024 4th International Conference on Artificial Intelligence and Signal Processing (AISP), Vijayawada, India, 2024.
12. A. More, R. Srinivasan and Prof. J. Ramteke, "Malware Analysis," Hinweis Third International Conference on Recent Trends in Machine Learning and Image Processing (MLIP), 2025.
13. Y. Jadhav, O. Jagtap, S. Kadam and Dr. N. Raul, "Efficient Media Delivery: AWS Cloud and the Art of Adaptive Bitrate Streaming," 2024 International Conference on Emerging Innovations and Advanced Computing (INNOCOMP), Sonipat, India, 2024
14. M. Chitale, A. Dhawale, M. Dubey and Prof. S. Ghane, "A Hybrid CNN-LSTM Approach for Deepfake Audio Detection," 2024 3rd International Conference on Artificial Intelligence For Internet of Things (AIIoT), Vellore, India, 2024.
15. P. Gujarathi, K. Menon, J. Patel and Prof. S. Ghane, "Psychological Distress Detection and Classification," 2024 3rd International Conference for Innovation in Technology (INOCON), Bangalore, India, 2024.

16. A. Warriar, D. Patel, S. Ghane and Dr. A. Vhatkar, "Route Optimization Using Clustering and K Opt Optimization for Garbage Collection," 2024 Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE), Vellore, India, 2024, pp. 1-3, doi: 10.1109/ic-ETITE58242.2024.10493223.
17. K. Rodrigues, G. Dsouza, O. Phansopkar and Dr. P. Bide, "Enhancing CCTV Violence Detection: A Comparative Study of Deep Learning Models for Violence Detection in Surveillance Videos," 2024 IEEE 8th International Conference on Information and Communication Technology (CICT), Prayagraj UP, India, 2024.
18. S. Lad, B. Chafekar and Dr. P. Bide, "Lung Cancer Classification Using Deep Learning: A Comprehensive Approach with Modified Convolutional Neural Networks," 2024 International Conference on Computational Intelligence and Network Systems (CINS), Dubai, United Arab Emirates, 2024.
19. A. Gwalani, A. Pai, A. Padalia, Dr. P. Bhavathankar and K. Devadkar, "Prediction and Management of Traffic Congestion in Urban Environments," 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), Kamand, India, 2024.
20. N. Adhikari, M. Chhajed, D. Raichura and Dr. P. Bhavathankar, "LexChain: A Blockchain-based Solution to Safeguard Electronic Evidence in Legal Systems," 2025 13th International Symposium on Digital Forensics and Security (ISDFS), Boston, MA, USA, 2025.
21. P. Kini and Prof. S. Kurhade, "An Approach to Infraction Detection for Workers' Safety Using Video Analytics," 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), Kamand, India, 2024.
22. S. Patil, S. Nandvikar, A. Pardeshi and Prof. P. S. Kurhade, "Automatic Devanagari Text Summarization for Youtube Videos," 2024 International Conference on Emerging Innovations and Advanced Computing (INNOCOMP), Sonipat, India, 2024.
23. Dr. R. Sawant, D. Ashar, M. Dwivedi and P. Patil, "A Blockchain-Based Anonymous Crime Reporting Platform Integrating Privacy preserving NLP for Enhanced Public Safety," IEEE International Conference on Information and Communication Technology (IATMSI-2025), 2025.

Computer Science and Engineering (16)

1. Mr. Yash Sonawane, Mr. Maheshkumar H. Kolekar, Mr. Agnesh Chandra Yadav, Ms. Gargi Kadam, Ms. Sanika Tiwarekar, and Dr. Dhananjay R. Kalbande, "DCRUNet++: A Depthwise Convolutional Residual UNet++ Model for Brain Tumor Segmentation," 27th International conference on Pattern Recognition (ICPR 2024), 2024, Springer Nature.

2. Ms. Prachi Dalvi, Dr. Dhananjay Kalbande, "Enhancing plant species recognition: A multi-attribute Deep Learning Approach," Springer (15-16 June 2024), 2024, Springer Nature.
3. Ms. Hemalata Mote and Dr. Sujata Kulkarni, "Face Detection performance improvement visa slicing aided hyper inference," Global Conference on Cognitive Computing and Communication Technology 2025, 2025, IEEE.
4. Mr. Kaustubh Gode, Dr. Sujata Kulkarni, et al., "Multi-Stage UAV-Based System for Scalable and Accurate Crop Health Monitoring," 2024 IEEE Space, Aerospace and Defence Conference (SPACE), 2024, IEEE-AESS, doi: 10.1109/SPACE63117.2024.1066780.
5. Mr. Param Kothari, Mr. Paras Mehta, Ms. Srushti Patil and Prof. Varsha Hole, "InterviewEase: AI-powered Placement Assistance," MIWAI 2024, November 11-15, 2024, Springer Nature.
6. Mr. Sahil Kadam, Mr. Mahesh Kothalkar, Prof. Dayanand Ambawade, "Blockchain-Enabled Examination Platform: A Secure Approach for Academic Assessments," 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), 2024, IEEE.
7. Ms. Nikita Chopde Mr. Amol Deshpande, Prof. Dayanand Ambawade, "Churn Modeling Using Artificial Neural Network," Congress on Control, Robotics, and Mechatronics, 2024, Springer Nature Singapore.
8. Mr. Sandeep Pillai, Mr. Darshan Lahamage, Ms. Shreya Gurav, Prof. Dayanand Ambawade, "Blockchain based E-Voting System on Smartphones", 2024 IEEE Pune Section International Conference (PuneCon), 2024, IEEE.
9. Mr. Aayush Patel, Mr. Chaitya Dobariya, Prof. Dayanand Ambawade, Mr. Dhawal Thakkar, Mr. P Balamurugan, "Automatic Tweet Mention Recommendation in X for Reporting Civic Issues-Case Study Based on Mumbai City, India", 2024 IEEE International Smart Cities Conference (ISC2), 2024, IEEE.
10. Mr. Prathamesh Paradkar, Mr. Mursaleen Batatawala, Mr. Pavan Gole, Prof. Dayanand Ambawade, "Alumni-Connect: Integrating NLP and Blockchain for Enhanced Alumni Engagement", 2025 5th International Conference on Intelligent Technologies (CONIT), 2025, IEEE.
11. Mr. Azman Qureshi, Prof. Dayanand Ambawade, "Performance Analysis of Machine Learning Models for Advanced Persistent Threat Detection", 2025 5th International Conference on Intelligent Technologies (CONIT), 2025, IEEE.

12. Prof. Dayanand Ambawade, Mr. Abhijit Iyer, Ms. Anisha Shankar, "Data-Driven Decision-Making for Sustainable Infrastructure: A Comprehensive Review", 2025 International Conference on Modern Sustainable Systems (CMSS), 2025, IEEE.
13. Mr. Muzammil Ansari, Mr. Darshan Jain, Mr. Nishant Satere, Prof. Aparna Halbe, "Rakshak: Automated Surveillance System", 2025 International Conference on Advancement in Communication & Computing in Technology, 2025, IEEE.
14. Mr. B. Sondagar, Mr. D. Sheth, Mr. K Kachare, Prof. Renuka Pawar et al., "SciAR Labs: Exploring Science Through Augmented Reality. "SN COMPUT. SCI. 6, 488 (2025), 23-May-2025, Springer Nature.
15. Mr. Shubhan Kadam, Mr. Jay Jani, Mr. Aniket Kudtarkar, Prof. Nikahat Mulla, "A Comparative Analysis of DCGAN and WGAN in Logo Generation ", 2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), 2-July-2024, IEEE.
16. Haryan, S., Malik, R., Redij, P., Kulkarni, S. (2024). FairHire: A Fair and Automated Candidate Screening System. In: Dehuri, S., Cho, SB., Padhy, V.P., Shanmugam, P., Ghosh, A. (eds) Machine Intelligence, Tools, and Applications. ICMITA 2024. Learning and Analytics in Intelligent Systems, vol 40. Springer, Cham. https://doi.org/10.1007/978-3-031-65392-6_32

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1. Mr. Rajendra R Sawant, Mr. Bhalchandra N Chaudhari, Dr. Yerramreddy Srinivasa Rao, Ms. Darshana N Sankhe, Mr. Anshal S Padole, "PV-Solar based Hybrid Telecom Power Plant for Roof-top Mobile Towers," in Proc. 2024 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), 18th Jan. 2025, IEEE, SCOPUS.
2. Mr. Utsav Avaiya, Mr. Naman Badlani, Mr. Rajas Baadkar, Dr. Kiran Talele, "Audio Deepfake Detection using Deep Scattering Network," in Proc. 2024 9th International Conference on Communication and Electronics Systems (ICCES), Dec. 2024, IEEE, SCOPUS.
3. Mr. Kaustubh Gode, Mr. Kaustubh Gharat, Ms. Harshita Jogi, Mr. Advait Sapkal, Mr. Ronak Thakar, Mr. Shubham Vishwakarma, Dr. Kiran Talele, Dr. Sujata Kulkarni, "Multi-Stage UAV-Based System for Scalable and Accurate Crop Health Monitoring," in Proc. 2024 IEEE Space, Aerospace and Defence Conference (SPACE), Jul. 2022, IEEE, SCOPUS.

4. Mr. Kaustubh Gharat, Ms. Harshita Jogi, Mr. Kaustubh Gode, Dr. Kiran Talele, Dr. Sujata Kulkarni, Mr. Maheshkumar H Kolekar, “Enhanced Detection of Maize Leaf Blight in Dynamic Field Conditions Using Modified YOLOv9,” in Proc. 2024 IEEE Space, Aerospace and Defence Conference (SPACE), Jul. 2022, IEEE, SCOPUS.
5. Mr. Tulshidas R Mane, Dr. Reena Sonkusare, Mr. Pramod Bhavarthe, Ms. Kompella SL Parvathi, “An Ultrahigh Sensitivity Dual Band Microwave Sensor based on EBG For Dielectric Characterization of Liquids”, Apr. 2025.
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8. Mr. Aryan Dali, Mr. Jayesh Bane, Mr. Niranjana Badhe, Dr. Reena Sonkusare, “Car Accident Insurance Claim Verification with Deep Learning,” in Proc. 2024 First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT), Aug. 2024, IEEE, SCOPUS.
9. Mr. Nikhil Saraf, Ms. Rina Pachkale, Ms. Mitali Sherkhane, Dr. Sukanya Kulkarni, “Solar Powered Wireless Charging System for Electric Vehicles,” in Proc. 2024 3rd International Conference for Advancement in Technology (ICONAT), Sep. 2024, IEEE, SCOPUS.
10. Mr. Yash Ugale, Ms. Varuna Vangala, Ms. Gayatri Tajne, Dr. Deepak Karia, “Smart Ignition Control and Accident Alert in Two-Wheelers,” in Proc. 2024 IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT), Nov. 2024, IEEE.
11. Ms. Jeenal Rambhia, Dr. Rajendra Sutar, “Cogni-Sonance: Navigating the Neurological Orchestra of Imagined Speech,” in Proc. 2024 International Conference on Artificial Intelligence and Emerging Technology (Global AI Summit), Sep. 2024, IEEE, SCOPUS.
12. Mr. Pulkrit Gupta, Ms. Aditi Rao, Ms. Priya Chimurkar, Dr. Prashant Kasambe, “An Automated IoT-Enabled Real-Time Intravenous Infusion cum Remote Patient Monitoring System,” in Proc. 2025 International Conference on Emerging Smart Computing and Informatics (ESCI), Mar. 2025, IEEE, SCOPUS.

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14. Ms. Arya Patkar, Mr. Mandar Dumbre, Ms. Aishwarya Bichave, Dr. Amol Deshpande, Ms. Priya Chimurkar, “IoT-based Prosthetic Arm Controlled by Human Gestures,” in Proc. 2025 International Conference on Emerging Smart Computing and Informatics (ESCI), Mar. 2025, SCOPUS, IEEE.
15. Mr. Yash Shah, Mr. Jash Vora, Mr. Maheshkumar H. Kolekar, and Dr. Kiran Talele, “SE-SwinUNet++: Enhanced Transformer-based Segmentation for Brain Tumors Using FLAIR MRI Images“, at 11th International Conference on Pattern Recognition and Machine Intelligence organized by IIT Delhi in collaboration With Machine Intelligence Unit, Indian Statistical Institute Kolkata, India from 11th - 14th December, 2025 at IIT Delhi, India.
16. Mr. Omkar Pawar, Ms. Sakshi Khanna, Ms. Dipali Walde, Prof. Najib Ghatte “Smart Helmet Ignition System: A Solution to Ensure Bike and Pillion Rider Safety” Proceedings of the International Conference on Recent Advancement and Modernization in Sustainable Intelligent Technologies & Applications (RAMSITA 2025), hosted by CSIT, AITR, India May. 2025, pp. 914-925, SPRINGER.
17. Mr. Chetan Patil, Prof. Najib Ghatte, Mr. Atharva Tadge, Ms Nikita Joby, “AutoBill: An Integrated AI-Powered Autonomous Checkout System,” in Proc. of 3rd International Conference on the Paradigm Shifts in Communication, Embedded Systems, Machine Learning, and Signal Processing (PCEMS 2024), organized by Visvesvaraya National Institute of Technology, Nagpur, India, 11th – 12th Nov. 2024, Springer.
18. Mr. Vineet Mankani, Mr. Chirag Wadhwani, Dr. Amol Deshpande, “Memory-Driven Robotic Arm with WiFi Enabled Control,” in Proc. 2024 Asia Pacific Conference on Innovation in Technology (APCIT), Jul. 2024, IEEE.
19. Mr. Durvesh Chaudhari, Ms. Adrika Dikshit, Mr. Omkar Pawar, Dr. Deepak Karia, Ms. Payal Shah, "Talk to Hands: A Sign Language Solution for Speech-Impaired People," in Proc. International Conference on Computation of Artificial Intelligence & Machine Learning (Springer Nature Switzerland), Sep 24, pp. 254-264. SCOPUS.
20. Mr. Jash Vora, Mr. Yash Shah, Mr. Aniket Atole, Mr. Adwait Patkhedkar, Dr. Kiran Talele, “U-Net++ with EfficientNetB7: A Deep Learning Framework for Clinical Brain Tumor Segmentation”, 4th IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IEEE IATMSI-2026), organized by IEEE MP Section and ABV-IIITM Gwalior, India on 12-14 March 2026.

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23. Mr. Omkar Vijay Vaidya, Mr. Onkar Subhash Salvi, Mr. Virendra Mahajan, Prof. Milind Paraye, "An Innovative Deep-Learning Approach for Identifying Parkinson's Disease through Spiral and Wave Sketch Patterns", in Proceedings of 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT), 2024.
24. Ms. Krutuja Bundele, Mr. Kshitij Kakirde, Dr. Amol Deshpande, "Insole Design for Abnormality Detection and Fall Risk Assessment using Gait Analysis", in Proceedings of International Conference on Technologies for Energy, Agriculture, and Healthcare, Mumbai, India, 5th-6th June 2025.
25. Mr. Nishant Chandeliya, Mr. Sankalp Dayal, Dr. Amol Deshpande, "Advancing Wearable Gait Prediction: A Dual Foot-Mounted Inertial System with Hybrid TCN-LSTM Deep Learning", in Proceedings of 16th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT - Indore, July 6th - 11th, 2025.
26. Mr. Sanchit Patil, Mr. Sridhar Sundar, Mr. Ankit Prasad, Dr. Sukanya Kulkarni, "Jetson Powered Smart Surveillance and Violence Detection System", in Proceedings of 2025 5th Asian Conference on Innovation in Technology (ASIANCON), Aug. 8, 2025, IEEE.
27. Ms. Shruti Prabhu, Mr. Jaivik Pareekh, Mr. Divesh Podar, Dr. Rajendra G Sutar, "Wireless Central Monitoring System with Diagnostic Support" in Proceedings of 2025 6th International Conference for Emerging Technology (INCET), pp. 1-6, May. 23, 2025, IEEE.
28. Prof. Milind Paraye, Dr. RG Sutar, "Enhancing Solar PV Power Generation Forecasting: An Ensemble Approach with LSTM and Prophet Models" in Proceedings of 2025 6th International Conference for Emerging Technology (INCET), pp. 1-11, May. 23, 2025, IEEE.

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2. S. Bopate and S. Salmani, "Analyzing the Impact of Gamified Learning Techniques on Student Performance," Fifth International Conference on Artificial Intelligence, 6G Communications and Network Technologies (ICA6NT'25), 2025.
3. S. Waghmare and S. Salmani, "Multi-Class Classification of ECG Images Using Convolutional Neural Networks," Third International Conference on Recent Trends in Machine Learning and Image Processing (MLIP), 2025.
4. B. Eldho and S. Salmani, "Mobile App Security Assessment Using Forensic Analysis of APK Files," International Conference on Advancement in Cyber Security and Digital Forensics (ICACSDF-2025), 2025.
5. S. B. Salmani and Dr. A. Karande, "Enhancing User Experience Design Education through Collaborative Project-Based Learning," 9th International Conference on Information and Communication Technology for Intelligent Systems, 2025.
6. S. B. Salmani, Prof. P. Thakur, Kalyani, and Samruddhi, "Machine Learning Analysis of Social Media's Impact on Mental Health in Young Adults," 9th International Conference on Information and Communication Technology for Intelligent Systems, 2025.
7. S. Borji, S. Gupta, and Prof. P. Thakur, "Behavior Prediction and Anomaly Detection: Leveraging ML for Online Child Safety," 2025 IEEE International Conference on Emerging Smart Computing & Informatics (ESCI), 2025.
8. J. Malhotra, O. Chavan, and Prof. P. Thakur, "Grover Algorithm: Enhancing the Search Mechanism," 2025 4th OPJU International Technology Conference (OTCON), 2025.
9. P. Manjrekar, M. Manni, V. Sharma, T. Komb, and Dr. A. Karande, "Advanced Machine Learning Framework for Multi-Disease Risk Prediction with Web-Based Integration," Third International Conference on Recent Trends in Machine Learning and Image Processing (MLIP), 2025.
10. S. Shinde and Dr. A. Karande, "Database Driven Dynamic Website Using Content Management System," 5th International Conference on Advanced Technologies for Societal Applications, 2024.

11. A. Joshi and Dr. A. Karande, "Bhimkatta - Discussion Forum for Community Building Platform," 5th International Conference on Advanced Technologies for Societal Applications, 2024.
12. V. Tiwari, V. Agarwal, and H. Kanakia, "Data Driven Evaluation of Course Outcome Using Machine Learning Models," International Conference on Advances and Applications in Artificial Intelligence (ICAAAI 2025), 2025.
13. S. Chavan, C. Moolya, and H. Kanakia, "Enhancing Book Recommendation Systems: A Comparative Analysis of Collaborative Filtering Techniques," 2025 IEEE International Conference on Pervasive Computing and Social Networking (ICPCSN), 2025.
14. H. Bediya, D. Mishra, and Prof. N. Mangaonkar, "Intelligent IT Career Advisor Using Machine Learning," International Conference on Information Technology and Artificial Intelligence (ITAI 2025), Gurugram, India, 2025.
15. S. Siddique, A. Shirke, and Prof. N. Mangaonkar, "AI-Driven Drug Interaction Prediction for Enhanced Medication Safety Using Neural Networks," International Conference on Information Technology and Artificial Intelligence (ITAI 2025), Gurugram, India, 2025, doi: 10.1007/978-981-96-9682-6_9.
16. K. Gurav, H. Meshram, and Prof. N. Mangaonkar, "Comparison of Various Machine Learning Algorithms for Multiple Disease Prediction," International Conference on Information Technology and Artificial Intelligence (ITAI 2025), Gurugram, India, 2025, doi: 10.1007/978-981-96-9682-6_13.
17. A. Thakore, N. Walavalkar, A. Shejal, Prof. N. Mangaonkar, and S. Salmani, "ML-Driven Inclusive Education for Children with Disabilities," Control, Robotics, and Mechatronics (CRM 2025), Warangal, India, 2025, doi: 10.1007/978-981-96-9771-7_22.

Patents Granted (04)

1. Ms, Borade Shwetambari, Dr. Dhananjay Kalbande published a Patent titled "System for Developing a Deep Scattering Convolution Network for Cosmetic Skin Classifications"
2. Virtstyle Technologies Private Limited, SP-TBI has published a patent titled "An AI Based Method And System Of Smart Mirror For Hair Consultation And Try-On Experience Using Machine Learning"
3. Illuminar Ventures Private Limited, SP-TBI has published a patent title, "A retro-fitment apparatus for converting a two-wheeler into an electric two-wheeler and a method thereof"
4. Mr. Arpit Patil has published a patent titled, "Electrify Mobility an automobile control system"

Patents Published (20)

1. Ms. Pal Hiral Shivkumar, Dr. Nataasha Raul published a Patent titled “A Collaborative AI-Powered Intrusion Detection System with Edge Computing”
2. Dr. Nataasha Raul, Ms. Komal T, Mr. Siddhant Rao, Ms. Sanika G. published a Patent titled “Safestride – An AI Powered Women Safety Application”
3. Ms, Shital Kakad, Dr. Sudhir N. Dhage Published a Patent titled “Semantic Web Rule Based Student Placement Ontology for Intelligent Information Retrieval”
4. Mrs. Darshana Sankhe, Dr. Rajendra Sawant, Mr Anshal Padole published a Patent titled, “An Efficient Telecom Power System for 5G – BTS Networks Powered by PV Based Solar Energy Source”
5. Prof. Sheetal Chaudhari published a Patent titled “AttenDease: A Geo-Fencing, Facial Recognition, and Predictive Analytics Attendance Management System”
6. Allytriz Technologies Private Limited, SP-TBI has published a Patent titled, “A novel wireless wearable sign language interpreter and communication device”
7. Nutricape Private Limited, SP-TBI has published a Patent titled, “Method of Stabilization of Critical Nutrients and Bio-Encapsulation for Mass Production.”
8. Kavirise Technologies Private Limited, SP-TBI has published a Patent titled, “Adaptable Wireless Charger”
9. Ms. Darshana Sankhe has published a patent titled, “An Efficient Telecom Power System for 5G – BTS Networks Powered by PV Based Solar Energy Source”
10. Kavirise Technologies Private Limited, SP-TBI has published a patent titled, “System and method for optimizing power charging efficiency”
11. Kavirise Technologies Private Limited, SP-TBI has published a patent titled, “System and method for wirelessly charging an Electric vehicle”
12. Kavirise Technologies Private Limited, SP-TBI has published a patent titled, “System and method for automatic cleaning of one or more wireless charging pads”
13. Kavirise Technologies Private Limited, SP-TBI has published a patent titled, “System for optimizing spatial alignment between charging pads to improve charging efficiency in electric vehicles”
14. Mr. Arpit Patil has published a patent titled, “Electrify Mobility”

15. Altie Reality Private Limited, SP-TBI has published a patent titled, “Motor powered cube based AR object tracking and interaction device for enhanced extended reality (XR) experience.”
16. Zuviron Innovations Private Limited, SP-TBI has published a patent titled, “Recycled polystyrene composition from polystyrene waste and method of preparation thereof.”
17. Biokraft Foods Private Limited, SP-TBI has published a patent titled, “Food Product and Method of Manufacturing Food Product”
18. Milatronics Private Limited, SP-TBI has published a patent titled, “An IoT-based smart feeding device for optimized aquaculture and agriculture and method thereof.”
19. Milatronics Private Limited, SP-TBI has published a patent titled “Feed Dispensing Dozer.”
20. Milatronics Private Limited, SP-TBI has published a patent titled "A solar-powered floating smart feeder for automated shrimp feeding.”

3.3 FDP, Workshops & Tutorials Organized

To be with the modern and recent trends in the technology, faculty of the institute participate in various Faculty Development Programs (FDP), webinars, workshops, tutorials, etc. Moreover, to impart technological knowledge to society, many workshops and short-term training programs are also regularly conducted by faculty. The details of such activities in AY 2024-25 have been exhibited in the table below.

Name of the Faculty	Type of Program (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course)	Duration (No. of days)	Start Date and End Date	Name of the Organising Institution
Dr. Kiran Talele	Professional Development Program (Innovation and Entrepreneurship Training) sponsored by AICTE, Ministry of Education, Gov. Of India.	02	1-2 August 2024	S.P.I.T.
Dr. Anand Mane	Professional Development Program (Innovation and Entrepreneurship Training) sponsored by AICTE, Ministry of Education, Gov. Of India.	02	1-2 August 2024	S.P.I.T.
Dr. Sudhir Dhage, Dr. Pramod Bide	FDP on 'High Performance Computing & AI'	06	8-13 April 2025	S.P.I.T.
Dr. Nataasha Raul	Event organized by WCA affiliated with Mumbai Cubing Sprint '24	01	17 November 2024	S.P.I.T.
	Two-day workshop on 'Innovation & Entrepreneurship Training & Exposure Visit'	02	01-02 August 2024	S.P.I.T.
	Professional Development Programmes by AICTE IIC accelerator meet	01	15 July 2024	S.P.I.T.
Prof. Jyoti Ramteke	Awareness Workshop on High Performance Computing	01	29 August 2024	S.P.I.T.

Name of the Faculty	Type of Program (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course)	Duration (No. of days)	Start Date and End Date	Name of the Organising Institution
Dr. Renuka Pawar	ATAL FDP on 'From Data to Impact' with 3.5 Lacs fund	06	09-14 December 2024	S.P.I.T.
	IEEE Sponsored Capacity Building Program on Quantum Computing using Machine Learning	07	8-13 July 2024	S.P.I.T.
	Orientation Programme on Copyright session	01	30 August 2024	S.P.I.T.
	Short Term Course on IEEE IAYPC standard and workshop -	01	19 September 2024	S.P.I.T.
Prof. Nikahat Mulla	Webinar on 'From Generative AI to Agentic AI: Advancing Toward Self-Directed Intelligence'	01	3 May 2025	IUCEE
Prof. Harshil Kanakia	IEEE Sponsored Capacity Building Program on 'Quantum Computing using Machine Learning'	07	8-13 July 2024	S.P.I.T.
	AICTE ATAL FDP on 'Fundamentals of Data Science and Ethical Practice'	07	3-8 February 2025	S.P.I.T.
Prof. Sakina Banu Salmani	Professional Development Programmes- Apex Symposium in association with SP-TBI, technically sponsored by AEA Mumbai Chapter	07	17-18 February 2025	S.P.I.T., SP-TBI & AEA Mumbai Chapter
Dr. Aarti Karande	FDP on 'Research and Publication Ethics' in association with R & D S.P.I.T.	15	17 Feb - 3 March 2025	S.P.I.T.
	Professional Development Programmes - AICTE IIC Accelerator Meet	01	15 July 2024	S.P.I.T. & AICTE
	Workshop - Mentor Mentee Program under IIC S.P.I.T.	02	2-3 August 2024	S.P.I.T.
	Agile Mumbai Conference	02	27-28 September 2024	S.P.I.T & IIC

3.4 Faculty Awards: International

Sr. No.	Name of the Faculty	Details of the Achievements/Award	Name of the Central government agency/international agencies from where award has been received
1.	Dr. Kiran Talele and Prof. Suhas Kakade	Jointly received the Innovative Teaching, Learning, and Evaluation Methodology Award	S.P.I.T. Mumbai, in collaboration with Linux Professional Institute Inc., Canada.
2.	Dr. Prashant Kasambe	Best Question Paper Award	S.P.I.T. in collaboration with Linux Professional Institute Inc., Canada
3.	Prof. Sunil Ghane and Dr. Anuj Tawari	Jointly received the Best Question Paper Award	S.P.I.T. Mumbai, in collaboration with Linux Professional Institute Inc., Canada.
4.	Prof. Meghana Naik	Received the Best Question Paper Award	S.P.I.T. Mumbai, in collaboration with Linux Professional Institute Inc., Canada.
5.	Dr. Sujata Kulkarni	Best Paper in International conference	2025 Global Conference on Cognitive Computing And Communication Technology, IEEE Pune Section

3.5 Faculty Awards: National

Sr. No.	Name of the Faculty	Details of the Achievements/Awards	Name of the Central government agency/international agencies from where award has been received
1.	Dr. Sujata Kulkarni	Best Researcher Award	Knowledge Research Academy, Tamil Nadu
2.	Prof. Nikahat Mulla	Top 1%+Elite Gold in NPTEL Course 'Fundamentals of Object Oriented Programming'	IIT Madras
3.	Dr. Sujata Kulkarni	Best Hardware Project Award	DST Funded SPTBI
4.	Prof. Varsha Hole	Best Software Project Award	Barclays
5.	Prof. Varsha Hole	Top 5% of NPTEL Python for Data Science	IIT Madras
6.	Prof. Nikahat Mulla	Top 1%+Elite Gold in NPTEL Course Python for Data Science	IIT Madras
7.	Dr. Payal Shah	Top 5% Elite in the course on 'System Design Through Verilog' conducted by IIT Guwahati	NPTEL IITM

Sr. No.	Name of the Faculty	Details of the Achievements/Awards	Name of the Central government agency/international agencies from where award has been received
8.	Prof. Sudhir Dhage	Nominated as one of the distinguished Jury Members for the Cyber Security Awards 2025	Organized by the Computer Society of India (CSI), Mumbai.
9.	Prof. Sudhir Dhage and Prof. Pramod Bide	Received a grant of ₹5 lakh for conducting a Faculty Development Program (FDP) titled 'High Performance Computing (HPC) and Artificial Intelligence (AI)' under the National Supercomputing Mission	Ministry of Electronics & Information Technology, Government of India.
10.	Prof. Sudhir Dhage and Prof. Pramod Bide	Received a grant of ₹4.5 lakh for conducting a Faculty Development Program (FDP) titled 'GenLang 5.0: Next-Gen NLP through Generative AI and LLM Innovation'	Electronics & ICT Academy (E&ICT), Ministry of Electronics and Information Technology (MeitY), Government of India
11.	Dr. Sudhir Dhage	Honoured with the prestigious IEEE Senior Member recognition	IEEE
12.	Dr. Rupali Sawant	Received the Best Software Project Award in recognition of her role as a Project Mentor.	JPMC Ind. Pvt. Ltd.
13.	Dr. Rupali Sawant	Received the Elite Silver Medal in NPTEL MOOC Course, 'Technical Communication for Engineers'	IIT Roorkee
14.	Dr. Jignesh Sisodia	Received Elite Silver Medal in NPTEL MOOC Course, 'Technical Communication for Engineers'	IIT Roorkee
15.	Prof. Renuka Pawar	Received Gold Medal from Innovation Challenge	IEEE 10-HTC 2024
16.	Prof. Pallavi Thakur	Top 2%+Elite Gold in 12-week NPTEL MOOC Course, 'Deep Learning',	IIT Ropar
17.	Prof. Pallavi Thakur	Top 2%+Elite Silver in 12-week NPTEL MOOC Course, 'Business Intelligence & Analytics'	IIT Madras



Sr. No.	Name of the Faculty	Details of the Achievements/Awards	Name of the Central government agency/international agencies from where award has been received
18.	Dr. Amol Deshpande	Received Best Hardware Project Award in recognition of his role as a Project Mentor	ATTT Global. Pvt. Ltd.
19.	Dr. Shanti Swamy	Received the Best Inspiring Professor Award in the category of Higher Education Icon Awards EDUICON - 2024	Global School Leaders Consortium (GSLC), India.

3.6 Outreach Activities

Outreach activities are meant to engage a large audience and to bring knowledge and expertise on a particular topic to the general public. Outreach activities can take several forms, such as institute presentations, workshops, public talks, and lab visits, etc.

Outreach activities include visiting other institutes, giving talks at assemblies, having discussions with students, or participating in events such as career fairs and science and technology camps. The institute constantly encourages these activities for each faculty member, which includes being a part of various academic committees at various levels in the state universities. These activities are the major contributing factors to the branding of an institute. Several such activities are presented as a detailed report for various departments.

Electronics & Telecommunication Department

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Kiran Talele	A.G. Patil Institute of Technology, Solapur	Research Funding Opportunities	Guest Lecture
	Agile Mumbai 2024 Conference	Welcome Note (Agile & Innovation)	Conference
	Shivaji University, Kolhapur	Angel Investment & VC Funding Opportunities	Guest Lecture
	Pravara College of Engineering	Innovation and Incubation	Guest Lecture
	ARM-IET (Online)	Intellectual Property Rights (IPRs) & IP Management for Startups	Workshop
	Agile Mumbai 2024 (SPIT)	Panel: Future of Academic Institutes	Conference
	Don Bosco Institutions	Outcome Based Learning & Digital Literacy & Technical Proficiency	Guest Lecture
	IEEE IATMSI-2025	Publicity & Promotions Committee Chair	Conference Role
	IEEE Cybersecurity Conclave, Mumbai	Security topics (AI, standards, legal frameworks)	Conference
	Sahyog College, Thane (Online)	Government Funding for Incubation Centre & Startup Support	Training Program

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Kiran Talele	University in Worli, Mumbai	Innovation, Incubation & Government Funding	Guest Lecture
	Vidyavardhini's College of Engineering & Technology, Vasai	Innovation, Entrepreneurship & Incubation Ecosystem	Guest Lecture
	Sapat College of Engineering, Nashik	Real-Time Vision Applications (ML & Computer Vision)	Expert Lecture
Dr. Prashant Kasambe	Sheth Chunilal Damodardas Barfiwala High School, Andheri (W), Mumbai	Conducted workshop on Design Thinking	Guest Lecture
	Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai	Performed Audit for Electronics & Computer Engineering Department for SH 2023 Semester	Question Paper Audit
	Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai	Set exams for the subject of Analog Electronics Sem IV, Electronics & Computer Engineering	Question Paper Setter
	Electrical Engineering Department, S.P.C.E., Andheri (W), Mumbai	Assumed role of Panel Member of Judges at Department-Level Project Completion	Panel Member of Judges
	IEEE Sensor Letters, SpringerNature Microsystem Technologies, and International Conferences like ICIDS 2025	Reviewer for various Journal publications	Reviewer

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Payal Shah	D J Sanghvi College of Engineering, Vile Parle (W), Mumbai	Served as an External Examiner for the courses I.P.D and BE Projects	Examiner
	Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai	Served as an External Expert for Audit of Question Papers at Electronics & Computer Engineering Department	Question Paper Audit
	Fr. C. Rodrigues College of Engineering, Bandra (W), Mumbai	Served as an External Examiner for the course BE Projects	Examiner
Amol. S. Deshpande	D.Y. Patil University, Nerul	Served as Examiner for M.Tech dissertation	Examiner
	KJSIT, Sion	Set paper for the Electronics and Communication department	Paper Setter
	MIT, Ch. Sambhajinagar	Paper Setter	Paper Setter
	KJSIT, Sion	Served as BE Project Examiner	Examiner

Computer Engineering Department

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Surekha Dholay	—	Served as a reviewer at Allahabad	Reviewer
	University Staff Selection Committee (USSC).	Served as an academician representing SC/ST/OBC/Minority/Women/ Differently abled categories	Academician Representative

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Nataasha Raul	Theem College of Engineering, Palghar	Delivered a Guest Lecture on 'Hackathon Designing and Participation' at Theem College of Engineering, Palghar	Guest Lecture
	Ministry of Education, AICTE, IIC	Delivered an Expert Session on 'Design Your Own Hackathon' under Guidance Session (IIC), conducted online	Expert Talk
	SPIT, Mumbai	Delivered an Expert Session on 'Scientific Misconduct' at Sardar Patel Institute of Technology (SPIT)	Expert Talk
	IEEE (Tunis Science City, Tunisia)	Served as Mentor for the project 'A-EYE: Using Facial Recognition for Attendance Marking' at IEEE YESIST12 2024 Grand Finale, Tunis Science City, Tunisia, 2024	Mentoring
	Smart India Hackathon	Served as Mentor at Smart India Hackathon, 2024	Mentoring
Dr. Disha Sail	Shivaji University Kolhapur	Delivered an Expert Session on 'Design Thinking and Innovation' at Shivaji University, Kolhapur	Expert Talk
Dr. Pramod Bide	SPIT	Delivered an Expert Session on 'OpenMP and MPI Hands-on' at Sardar Patel Institute of Technology (SPIT) on 10 April 2025	Expert Talk
	VIT Nagpur	Delivered an Expert Session on 'OpenMP and MPI Hands-on' at VIT on 24 June 2025.	Expert Talk
	Loknete Gopinath Munde college of Engineering, Nashik	Served as Expert Resource Person on 'Generative AI and Deep Learning' at Loknete Gopinath Munde College of Engineering, Nashik, on 13 April 2025.	Expert Talk

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Pramod Bide	Terna College of Engineering, Nerul West	Served as Expert Resource Person on 'High Performance Computing – CUDA' at Terna College of Engineering, Nerul on 17 January 2025.	Expert Talk
	Adarsh Institute of Technology, Sangali Maharashtra	Served as Expert Resource Person on 'High Performance Computing – OpenMP' at Adarsh Institute of Technology, Sangli on 30 December 2024.	Expert Talk
	Bharti Vidyapeeth College of Engineering, Navi Mumbai, Maharashtra	Served as Expert Resource Person on 'Cloud Virtualization' at Bharati Vidyapeeth College of Engineering, Navi Mumbai on 25 November 2024.	Expert Talk
	Shankarrao Mohite Patil Institute of Research and Management, Akulj, Maharashtra	Served as Expert Resource Person on 'High Performance Computing – OpenMP' at Shankarrao Mohite Patil Institute of Research and Management, Akulj on 5 November 2024.	Expert Talk
	Shri Vile Parle Kelavani Mandals Dwarkadas J. Sanghvi College of Engineering	Served as Expert Resource Person on 'Data Analytics using PySpark' at Dwarkadas J. Sanghvi College of Engineering on 14 July 2024.	Expert Talk
	Ramrao Adik Institute of Technology, Nerul	Served as Expert Resource Person on 'Data Structures and Its Applications' at Ramrao Adik Institute of Technology, Nerul on 10 October 2024.	Expert Talk

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Pramod Bide	B.K. Birla College, Kalya	Served as Expert Resource Person on 'Natural Language Processing' at B.K. Birla College, Kalyan on 3 July 2024.	Expert Talk
	—	Served as Evaluator at a National Level Faculty Development Program.	Evaluator
	IEEE	Served as Mentor in IEEE India Council Mentor-Mentee Program, 2024.	Mentor
	VNIT Nagpur	Served as Reviewer at Visvesvaraya National Institute of Technology (VNIT).	Reviewer

Computer Science and Engineering Department

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. D.R. Kalbande	Asia Pacific International Conference held at Sydenham Institute of Management Studies, Research & Entrepreneurship Education, Churchgate, Mumbai	Invited as Keynote speaker at the Asia Pacific International Conference	Keynote Speaker
	Independent (Copyright Office)	Architectural design for integrating deep learning with AI driven services: A holistic student platform for emotion recognition, psychological evaluation and career guidance'	Copyright

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. D.R. Kalbande	IEEE Bombay Section	Nominated as Chairperson of IEEE CS Chapter in IEEE Bombay Section (June 2024 to Dec 2024)	Conference Chair / Leadership Role
Dr. Sujata Kulkarni	Knowledge Research Academy, Coimbatore, Tamilnadu	Received 'Best Women Researcher' Award-2024	Award
	Global Conference on Cognitive Computing and Communication Technology	Received 'Best Paper Award' entitled 'Face detection performance improvement via slicing-aided hyper interference	IEEE International conference
	Chope Hang, Denmark	Mindspace Conference: International Conference on Artificial Intelligence and Machine Learning	Keynote Speaker
	Department of Science and Technology, Govt. of India, New Delhi	Application submitted under DST-WiSLP for Women in Space and Allied Science Leadership Program (WiSLP)	Other (Leadership Program)
	Notable contribution as a MENTOR for Tunisia from	Project Drones for Smart Agriculture in IEEE YESIST12 2024 Grand Finale held at Tunis Science City,	IEEE Global Funded Project
	Quantum Computing using Machine Learning	Quantum Computing using Machine LearningCoordinator, IEEE Sponsored Capacity Building Program	Coordinator

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Prof. Nikahat Mulla	IUCEE (Indo Universal Collaboration for Engineering Education)	Webinar on 'From Generative AI to Agentic AI: Advancing Toward Self-Directed Intelligence'	Resource Person
	Barclays & S.P.I.T.	Judge (Barclays Hack-o-Hire)	Judge
	IEEE Transactions on Computational Social Systems	Manuscript Reviewing	Reviewer
	IEEE Access	Manuscript Reviewing	Reviewer
	Springer Journal Neural Computing and Applications	Manuscript Reviewing	Reviewer
	Indian Design & Patent Office	AI-based Autonomous Weeding Robot.	Patent
Prof. Varsha Hole	VNIT Nagpur	Attended the GIAN course at VNIT Nagpur	Training / GIAN Course
Prof. Aparna Halbe	VNIT Nagpur	Attended GIAN course at VNIT Nagpur	Training / GIAN Course
Prof. Renuka Pawar	IEEE 10-HTC 2024	Gold Winner of the Innovation Challenge at IEEE 10-HTC 2024	Award
	IEEE India Council	Coordinator for IEEE India Council Industry Academia Young Professionals Committee (IAYPC) – 2024 standards workshop & Hackathon	Workshop Coordinator

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Prof. Renuka Pawar	AICTE – ATAL FDP	Coordinator for ATAL FDP 'From Data to Impact' with 3.5 Lacs fund sanctioned	STTP / FDP Coordinator
	NDRF Staff	Conducted an online session on 'Cyber Hygiene' for NDRF Staff	Guest Lecture
	IEEE Sponsored Program	Coordinator for IEEE Sponsored Capacity Building Program on Quantum Computing using Machine Learning	STTP Coordinator
	Department of Technology, Kolhapur University	Conducted an offline session on 'Design Thinking' under the IIC mentor-mentee program	Guest Lecture
	Pravra Rural College of Engineering, Loni	Conducted an offline session on 'Design Thinking' under the IIC mentor-mentee program	Guest Lecture
	CSI MHSSCE CHAPTER, Saboo Siddik Engineering College, Mumbai	Conducted an online session, 'Career Growth in Research'	Guest Lecture
	Sheth Chunilal Damodardas Barfiwala High School, SPIT	Workshop on Design Thinking	Guest Lecture
	SPIT	Design Patent for 'IoT-Integrated Temperature-Regulated Portable Medical Sample Storage Unit'	Design Patent
	SPIT	Copyright for 'Ahirani Language Learning with Text Summarization'	Copyright
	FRCRC, Bandra	Judge for Prakalp 2.0 project competition	Judge

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Prof. Sheetal Chaudhari	Mumbai University	Working on the API Dashboard project of Mumbai University (February 2025 till date)	Project / Research Work
	IEEE INOACC 2025	Paper 'Rakshak: Automated Surveillance System' presented	Paper Presentation
	CSVTU Bhilai	Conducted online guest lecture on 'Data Structures & Algorithms'	Guest Lecture
	NMIT in association with NIT Warangal & EICT Academy, MeitY	Attended 10-day program 'Harnessing Generative AI for Intelligent Systems in Today's Computing World'	Training / FDP
Prof. Suhas Kakade	KJCOEMR, Pune	Delivered a talk on 'AI applications in electrical domain'	Guest Lecture
	PVG's College of Engineering and Technology, Pune	Delivered a talk on 'Applications of Haptics'	Guest Lecture
	ATAL FDP at Bharati Vidyapeeth, Navi Mumbai	Delivered a talk on 'Innovative Digital Farming Approaches in e-Agriculture 5.0'	Guest Lecture
	16th International Conference on Machine Learning and Computing, China	Session Chair at the 16th International Conference on Machine Learning and Computing	Conference Chair
	CoEPTU, Pune	Delivered a talk on 'Embedded System for Power Electronics'	Guest Lecture

Master of Computer Applications

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Aarti Karande	SNDT AEA and the open group	Delivered a Session on 'Demonstration on ArchiMate Tool' at the Workshop on Enterprise Architecture organized by AEA Chapter on 5 July 2024.	Guest Lecture
	Shri Vithal Education & Research Institute (SVERI) College	Participated in World Creativity and Innovation Day on 21 April 2025.	Guest Lecture
	Fr. Agnel	Participated in AICTE Training and Learning (ATAL) Faculty Development Programme on 'The Role of Artificial Intelligence in Sustainable Waste Management'.	Guest Lecture
	S.P.I.T.	Participated in RPE Course on 'Open Access Publication'.	Guest Lecture
	Shah & Anchor Kutchhi Engineering College	Participated in ISTE-approved One-Week STTP on 'Pathways to Ethical and Impactful Research Publications' on the topic 'Open Access Publication'.	Guest Lecture
	S.P.I.T. NISP	Participated in APEX Symposium on 'Entrepreneurship Skills'.	Guest Lecture
	Shah & Anchor Kutchhi Engineering College	Participated in ISTE-approved two-week STTP on 'Research Insight in Multi-Disciplinary Domains' on the topic 'Contemporary Research'.	Guest Lecture
	Shah & Anchor Kutchhi Engineering College	Participated in ISTE-approved two-week STTP on 'Research Insight in Multi-Disciplinary Domains' on the topic 'Open Access Publication'.	Guest Lecture
	Ramchandra College of Engineering	Delivered a session on 'Business Model Canvas' at Ramchandra College of Engineering.	Guest Lecture

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Dr. Aarti Karande	Pimpri Chinchwad College of Engineering (PCCOE).	Delivered a session on the 'Business Model Canvas' at Pimpri Chinchwad College of Engineering (PCCOE).	Guest Lecture
	Shri Vithal Education & Research Institute (SVERI) College	Delivered a session on 'Entrepreneurship Skill, Attitude and Behaviour Development' at SVERI College.	Guest Lecture
	Shri Vithal Education & Research Institute (SVERI) College	Delivered a session on the 'Business Model Canvas' at SVERI College.	Guest Lecture
	THEEM College	Delivered a session on 'Business Model Canvas'	Guest Lecture
	Fr. Agnel College, Bandra	Participated in Prakalp 3.0 at Fr. Agnel, Bandra.	Judge
	V.J.T.I College, Mumbai	Served as a judge at VJTI Smart India Hackathon (SIH).	Judge
Prof. Harshil Kanakia	AICTE – ATAL Online FDP	Served as Co-Coordinator for AICTE ATAL Online FDP on 'Fundamentals of Data Science and Ethical Practices' with ₹1 Lakh funding sanctioned.	STTP / FDP Co-Coordinator
Prof. Nikhita Mangaonkar	Shri M.D. Shah Mahila College of Arts & Commerce	Delivered a hands-on session on 'Agile Software Project Management Tools'.	Guest Lecture
	K.J. Somaiya Institute of Management	Delivered a hands-on session on 'Software Testing Tools'.	Guest Lecture
Prof. Sakina Salmani	Ramakrishna's Meditation Centre & Technology Park by Go-Green Technologies Pvt. Ltd	Delivered a session on 'Data Science Best Practices' at Engineering Teachers' OBE (Residential) Training Program.	Guest Lecture
Prof. Pallavi Thakur	Barclays & S.P.I.T	Judge (Barclays Hack-o-Hire)	Judge

ASMH

Faculty Name	Institute / Organization for which program is conducted	Topic	Type: Workshop / Conference Chair / STTP/ Training/ Guest lecture /Other
Prof. Meghana Naik	Sheth Chunilal Damodardas Barfiwala High School, Andheri	Conducted a visit to Idea Lab and workshop on Design Thinking for students	Visit
	Xavier Institute of Engineering, Mahim	ISTE approved STTP on 'Effective AI Tools for Enhancing Teaching, Learning and Research'	FDP
	Annant Gyan Knowledge and Skills Private Ltd.	FDP on 'Mathematical Foundations of Data Mining & Data Science'(DMDS 2024)	FDP
	Fr. Conceicao Rodrigues College of Engineering, Bandra	ATAL FDP on 'The Role of Artificial Intelligence in Sustainable Waste Management'	FDP
Prof. Meghana Naik	Fr. Conceicao Rodrigues College of Engineering, Bandra	Served as External Auditor for the subjects Matrices and Differential Calculus, Integral Calculus and Probability Theory, Discrete Mathematics and Graph Theory, Linear Algebra and Business Statistics	Exam Audit
Prof. Suman Majee	MMTTC, Central University of Kerala	Attended NEP 2020 Orientation & Sensitization Programme	FDP
	AICTE	Attended FDP on 'Inculcating Universal Human Values in Technical Education'	FDP
Prof. Sahil Attar	SPCE	Conducted Street Survival Workshop	Workshop
	SPIT	Conducted Street Survival Workshop	Workshop
	Yog Kutir, Borivali	Conducted Street Survival Workshop	Workshop

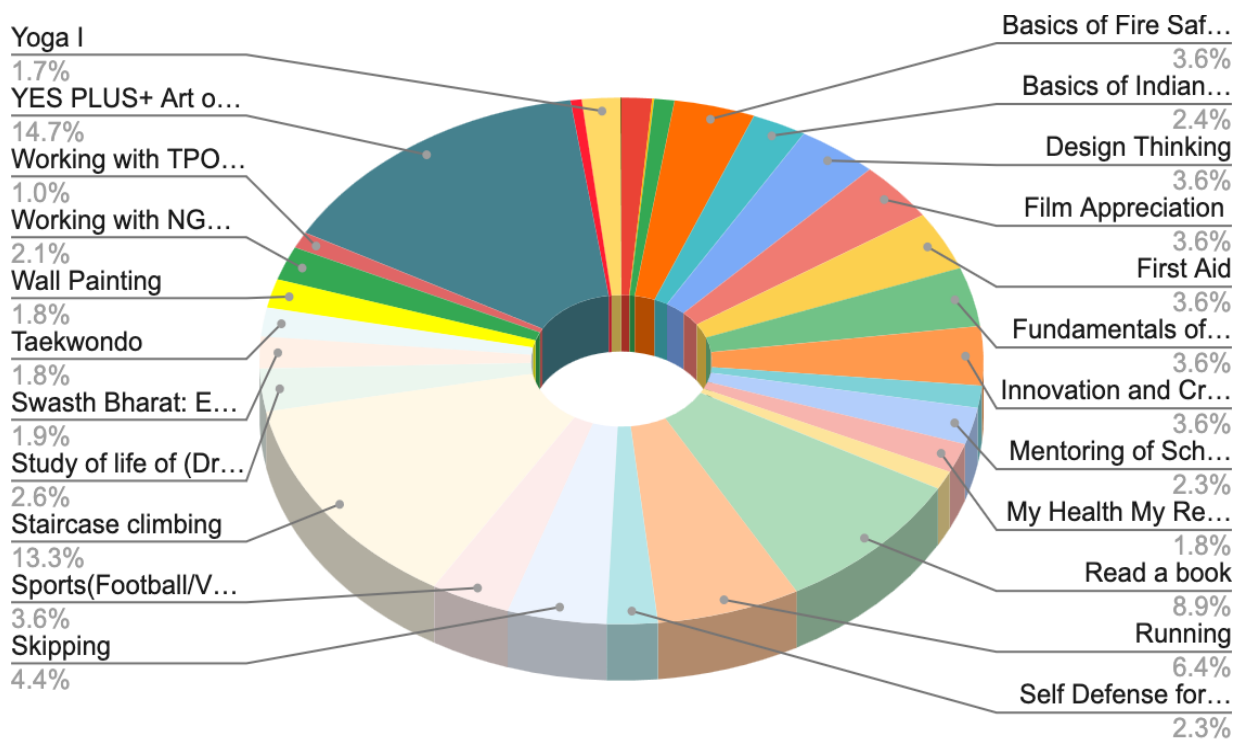
4. LLC - Life, Literature and Culture

Holistic development of the learner giving exposure to the various courses under humanities, literature, life skills, culture, natural sciences, health, agriculture, environment, etc, nurturing the hobbies, connecting with society, reducing stress by studying other things, are the broad objectives of this experiment. Faculties are appealed to think, conceptualise, design, and suggest mini courses of 1 credit (ensuring 30-40 hours of work by students) for possible inclusion in the list of approved courses under “Social Empowerment through Various Activities” (SEVA) / Self Accomplishment through Various Activities” (SATVA) umbrella. The indicative list of SEVA/SATVA courses is prepared in articulating the said structure.

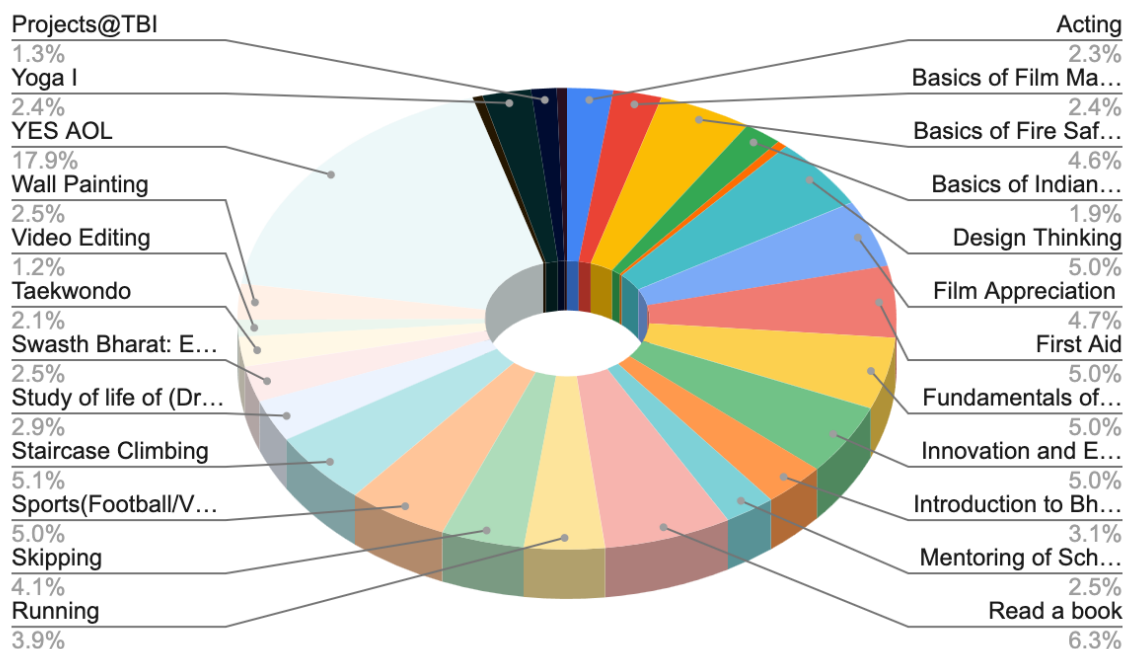
We have introduced the SEVA/SATVA courses in our curriculum. These are a sort of liberal learning courses in various domains such as Art and Culture, Physical and Sports, Spiritual and Philosophical, Innovation-Entrepreneurship-Leadership, Social Connect and Giving back to society. Earlier, this was available at SPIT to some extent, in the form of Life Skill Courses. Interestingly this fits perfectly in the NEP philosophy being deliberated and scheduled for implementation by 2030. During the pandemic we could not offer these courses in the spirit. Now, since the institute has resumed the in-person T-L-E process, a systematic and serious implementation of SEVA/SATVA courses is the need of time. We are offering several courses including running, skipping and basic cooking.

Many of which will take place in offline mode. Besides these, few self-study courses will also be offered. We open this basket to students. Some courses may get dropped. Every semester @ 1500 students will enrol for more or less @ 25 such courses. Mostly external experts/mentors will be invited to teach/mentor for these courses. Implementation of this demands careful and sincere management efforts. For most of the courses, instructors are identified, and internal coordinators are given. It is envisaged that a team of faculty members for each course may be sufficient to manage this effectively with one coordinator at institute level. It is a new and challenging experiment and may have an interesting impact on education. This is a tiny step towards holistic development of the learners, and us too in this process. We all have joined hands to make this a fruitful exercise, truly successful with the motto let us experiment, let us learn...

Percentage distribution of students enrolled for variety of courses in ODD Semester



Percentage distribution of students enrolled for variety of courses in EVEN Semester

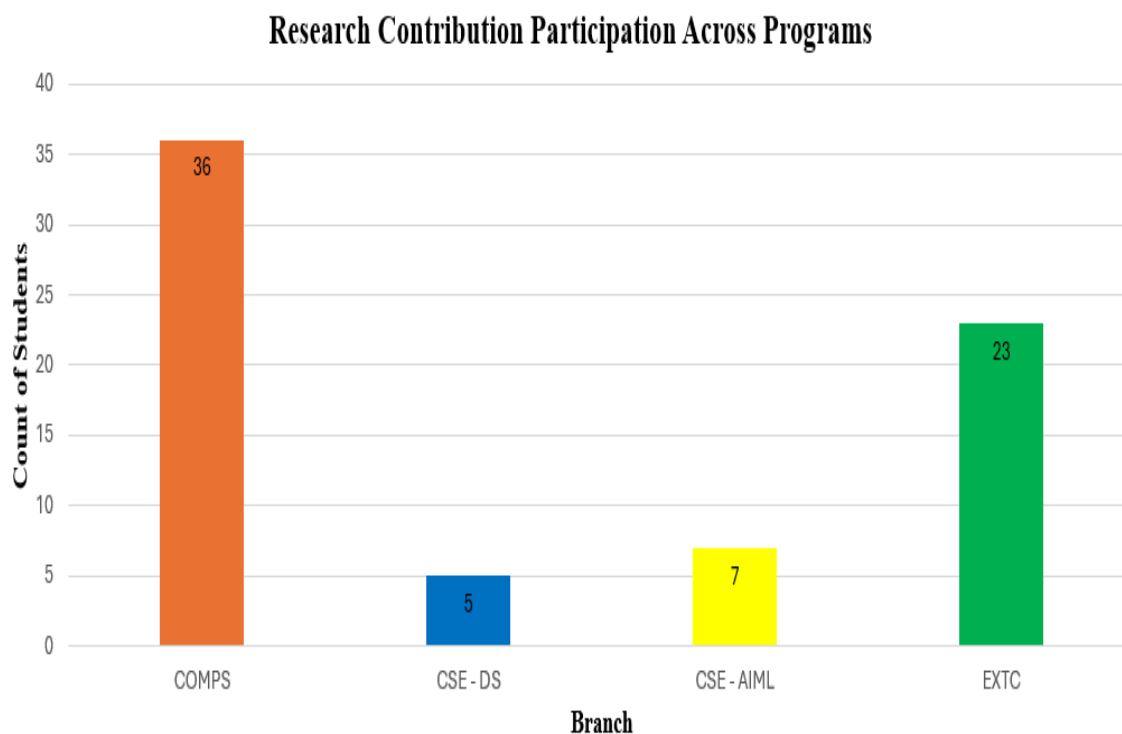


5. Internship

S.P.I.T. offers a unique, flexible, globally competent curriculum aiming for holistic development of learners. New and updated curriculum under autonomy provides flexibility for Semester Long and Summer Internships. The new curriculum caters to industry expectations in India and the world. This ensures students learn state-of-the-art technologies and are therefore easily absorbed in the industry. The syllabus also offers students the chance to complete a six-month internship, even before graduating. This gives students industry experience, along with theoretical learning in classrooms. Holistic development is targeted through several open electives, humanity electives etc. An optional semester long industry internship/research internship is another strong feature of this program.

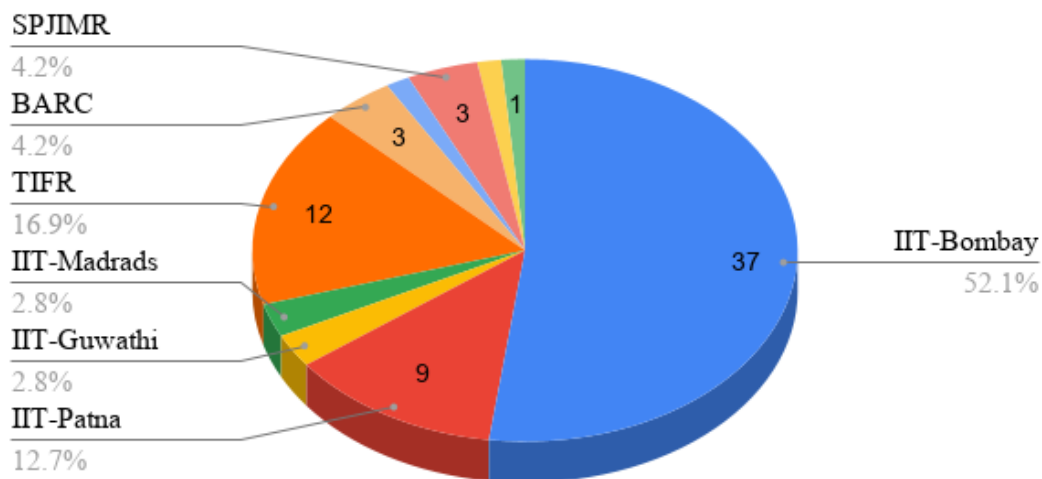
Our Institute encourages the students to take internships at various companies and organisations. The Placement cell provides all necessary help to give internship support to all interested students. Following is the graphical representation of total number of students who participated in research internships across various Programmes.

5.1 Participation of students in Research internship



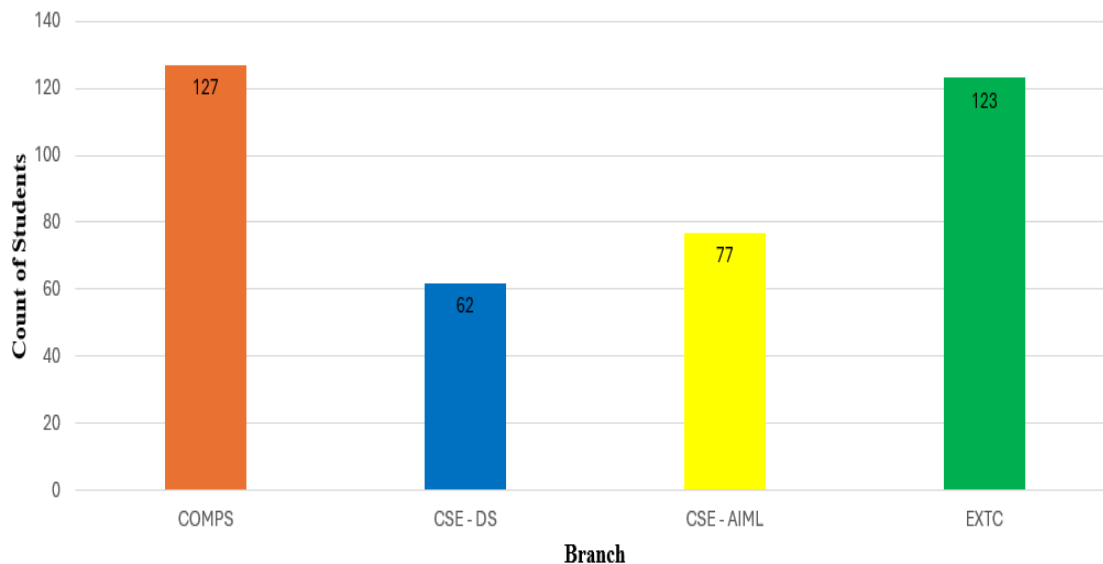
Percentage distribution of total students for Research Internship among various organizations

Percentage Breakdown of Research Internships by Organization



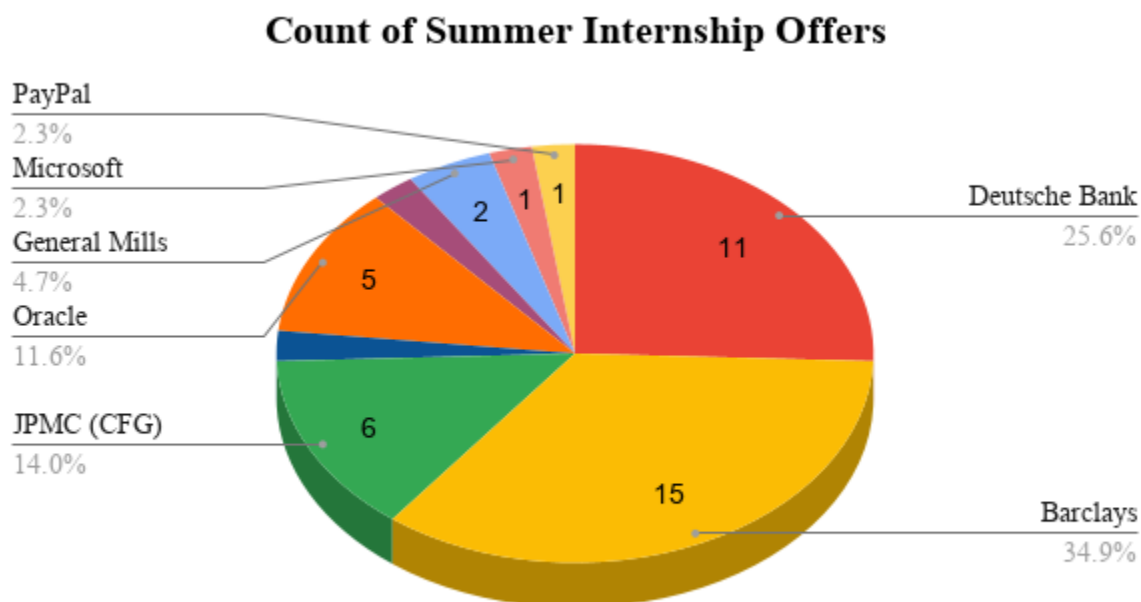
5.2 Participating of Students in Industry Internship

Number of Students with Industrial Internships 24 - 25



5.3 Participating of Students in Summer Internship

The institute strongly emphasizes the value of Summer Internships, where students actively participate in intensive two-months Internship programs during their academic break. These Internships serve as a crucial bridge between theoretical learning and real-world industry exposure, allowing students to apply their knowledge to practical challenges, develop professional skills and gain insights into workplace dynamics.



Programme-wise percentage distribution of total students for Industry & Research Internships

Branch	Students Opted for Placement	Opted for Higher Studies	Total Students
CE	130	23	153
CSE - AIML	61	18	79
CSE - DS	73	7	80
EXTC	120	30	150

5.4 Outcome of Industry Internship

- 127 Students did a industry Internship from COMPS department
- 62 Students from CSE AIML department
- 77 Students from CSE DS department
- 123 students from EXTC Department
- 389 B.Tech. students across all the branches underwent 6 Months Industry internship.
- Students did their internships from huge companies like PhonePe, JMPC, MorganStanley, Microsoft, PayPal etc giving them a real on-ground experience for their placement.

5.5 Outcome of Summer Internship

- A total of 43 students secured summer internships at leading global organizations such as Microsoft, Deutsche Bank, Morgan Stanley, JPMorgan Chase & Co., Barclays, and others.
- Microsoft: 1 student received a Pre-Placement Offer (PPO) through the summer internship.
- PayPal: 1 student was offered a Pre-Placement Offer (PPO) upon completion of the summer internship.
- Barclays: 15 students were selected for summer internships, with 100% PPO conversion.
- Deutsche Bank: 11 students secured internship positions, out of which 10 students received PPO opportunities.
- JPMorgan Chase & Co. (JPMC): 6 students were selected through the Code for Good Hackathon, with 100% PPO conversion.
- Oracle: 5 students obtained summer internships, with 100% PPO conversion.
- Morgan Stanley: 1 student secured an Summer internship opportunity and received a PPO.
- 97.67% of summer internships were successfully converted into Pre-Placement Offers (PPOs), reflecting exceptional student performance and strong industry alignment.

5.6 Outcome of Research Internship

- 37 students performed research internships at IIT Bombay.
- 9 students have been to IIT Patna for research internship.
- From Computer Engineering, 25 students interned at IIT Bombay, 4 at IIT Patna, 1 inhouse intern and 7 at various other institutes.
- From CSE AIML, 4 at IIT Patna and 1 at SPJIMR.
- From CSE DS, 5 students interned at IIT Bombay, 1 at IIT Patna and 1 In House

- From Electronics and Telecommunication Engineering, 8 students interned at IIT Bombay, 3 at BARC, 11 at TIFR, 1 In House, and 1 at various companies and institutes.
- A team of 7 students undertook a research internship under Dr. V. M. Gadre at IIT Bombay on advanced brain MRI segmentation. Their work proposed a novel integration of IIR filtering into U-Net architecture and achieved significant improvements in segmentation accuracy, including a 27% increase in F1-score for challenging classes such as cerebrospinal fluid.
- A group of 4 students worked under Dr. Catrina Rozario at Tata Institute of Fundamental Research on the development of a data acquisition system for gamma pulse detection. The project involved a Zynq 7010 SoC with 8 ns sampling and a 14-bit ADC, along with device driver development for a digital oscilloscope using EPICS.

The academic year 2024-25 was a remarkable one, filled with hands-on learning and real-world exposure for our students. A total of 389 B.Tech. students across all branches took part in 6-month industry internships at top companies like PhonePe, JMPC, and Morgan Stanley. Alongside, 46 students pursued research internships at premier institutes such as IIT Bombay and IIT Patna. Their achievements including government collaborations, award winning projects, and IEEE publications speak volumes about their dedication and talent. It's inspiring to see our students step confidently into the future, equipped with both knowledge and experience.

6. Placement & Higher studies

The Training & Placement Department of Sardar Patel Institute of Technology has been in the forefront of activities, bringing corporate close to the campus and encouraging them to establish facilities to cater to the needs of the students. It plays a pivotal role in counselling and guiding the students for their successful career, which is a crucial interface between the stages of completion of academic programs of the students and their entry into the job market. Its aim is to provide career guidance and placement opportunities to all students studying in the institute. The Training and Placement Department arranges and coordinates various programs that aim at moulding the students to meet the industry expectations in their career building and in turn bring laurels to the parent institution. The department sincerely believes in imparting comprehensive training to the students to face the challenges of the dynamic and demanding job market and build a successful career for themselves.

6.1. Placement Process

I. About Training & Placement Cell

In order to achieve the highest standard of employability, the Training & Placement Officer (TPO) motivates and prepares students for the interviews and prospective workplace. Careful and systematic preparation is initiated and sustained for this purpose. It is a full-fledged department having its own infrastructure for successfully executing the placement process.

II. Constitution of Training & Placements Cell

The constitution of this cell is well planned and strategically formulated to include all relevant stakeholders. It has its own hierarchy to maintain transparency in the entire placement process. This consists of the Head of the Institute, Training & Placement Officer (TPO) and Training & Placement Coordinators (TPC) who are a group of students selected from every branch and the Point of Contact (POCs) who are the Class Representatives (CRs).

III. Placement Process

The Training & Placement Cell has its own well defined and unique process for providing placements to S.P.I.T. students only through campus interviews. This process is executed in phases namely:

Phase I: Planning & Training The selection and training phase takes place at the beginning of every year. In this phase, the TPCs of the previous year, selects two or three students from the 6th Semester of each branch after a rigorous interview and trains them to understand the placement process. The list of eligible students for placement is declared by the TPO. Training is divided into two parts. For external training, demo sessions by various training institutes are arranged and based on students feedback, the agreed upon course is then scheduled across the 6th semester on weekends and training is conducted accordingly. For internal training, sessions are conducted by previously placed students and Alumni working with corporates who share their experiences and knowledge on select topics as requested by students.

Phase II: Providing Internship S.P.I. T is the only engineering institution in Maharashtra to offer a semester-long industry or research internships in the sixth or eighth semester of the B.Tech program. M.C.A students must complete a 6-month internship as a part of their curriculum in the 6th semester. As Internship is a great way to provide industrial exposure to students, students are encouraged and advised to go for internship and required support is provided in this direction. The screening process is done via an online coding test or an aptitude test followed by an interview.

Phase III: Commencement of Placements: The Placement process begins with the framing of the placement policy in consultation with the Principal and considering the current market trends. A cell formed in the TPO specially concentrates on identifying the CORE companies and taking steps to invite them to campus. After formulating the placement calendar, the companies are asked to share their eligibility criteria and the desired skills for the role and this information is shared with students. If a TPC is unplaced, then this student is allowed to focus on his academics and his placement cell role is taken over by an already placed student. There is also a deferred placement policy wherein students are encouraged to begin start-ups and given a time frame of two years to make a success at entrepreneurship.

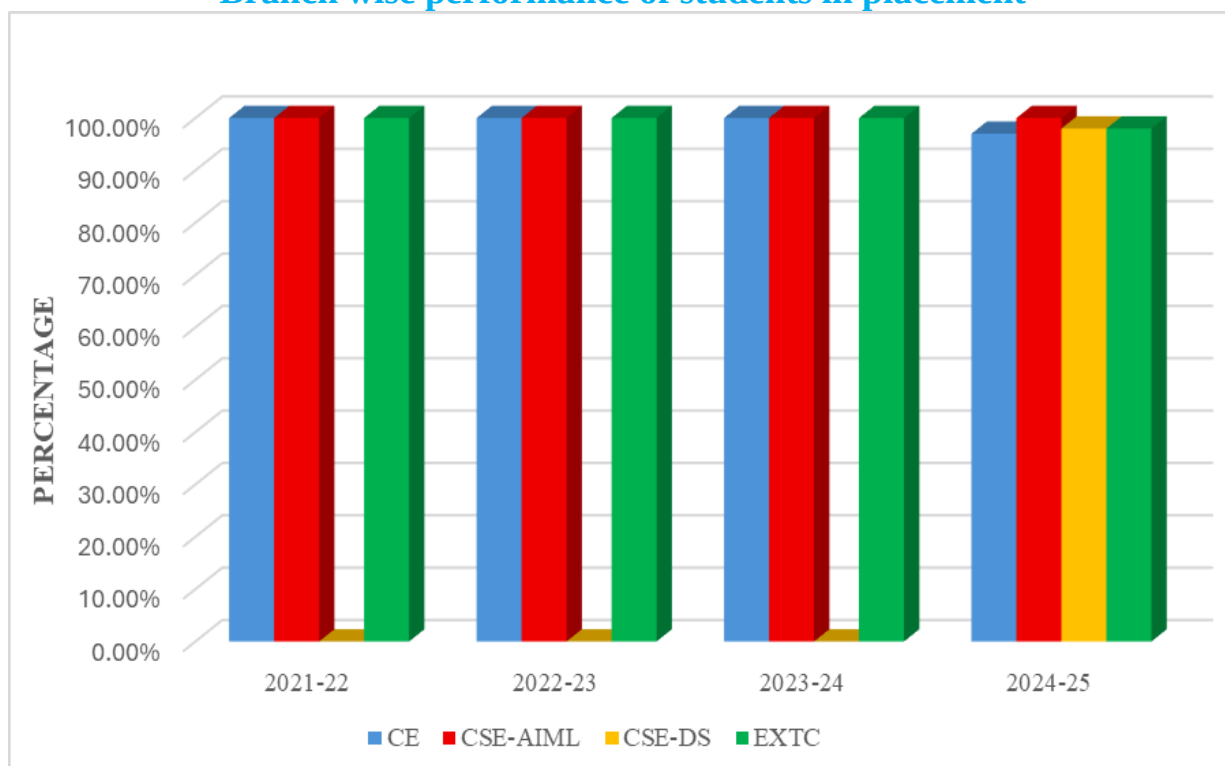
Phase IV: Compilation of Data The data of selected students is compiled simultaneously during the process of placement. Students selected once by a dream company are not allowed to appear for another company while students selected by normal companies are permitted to participate in the dream company selection process. Closer to the end of the placement process a group is formed for the unplaced students and openings with various companies are communicated to them. Unplaced students are also informed of the various apprenticeships training available.

S.P.I.T is the numero uno technical institution in Maharashtra exceeding institutions like IIIT Pune, NIT Nagpur, College of Engineering, Pune etc. with a strong industry connect leading to the top position for placements. Among all the areas like Curriculum Design, TLE, R&D, Placement Cell, S.P. Technology Business Incubator (SP-TBI), in which S.P.I.T. has excelled in its attempt to create enthusiastic engineers. S.P.I.T discourages mass recruitment in a specific domain.

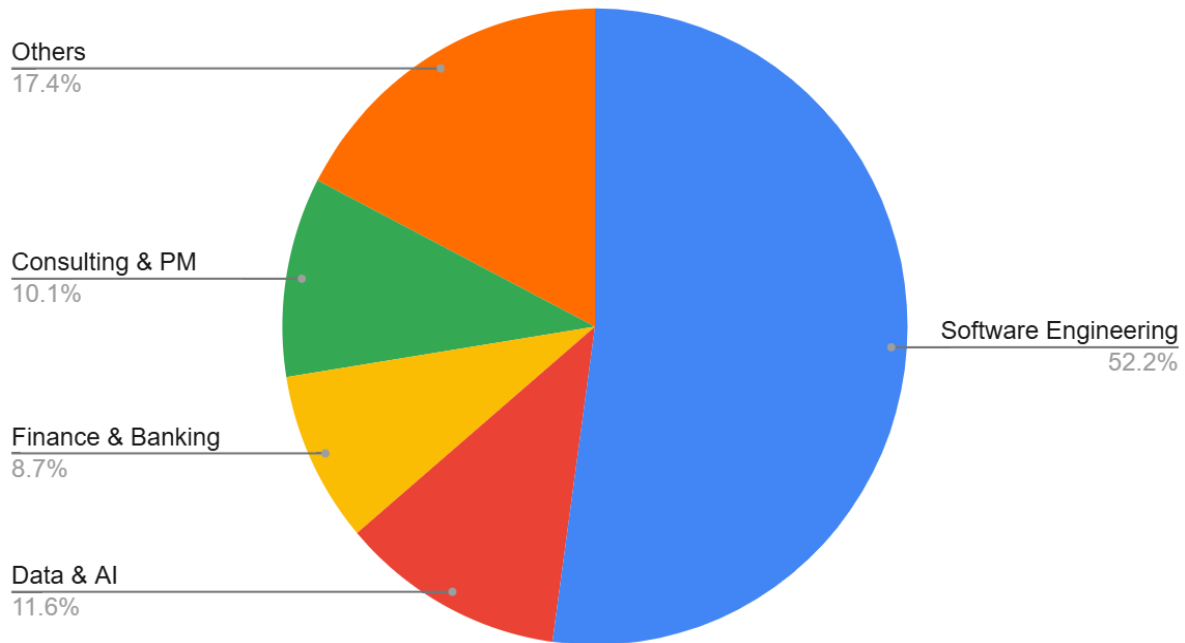
6.2 Placement Statistics

S.P.I.T 's legacy of such excellent placement records is not the result of a day, a month or a year's efforts, instead it is a continuously evolving process which is reviewed, deliberated upon and modified every year taking into consideration feedback from all the stakeholders (students, alumni and recruiters). There are extensive discussions prior to forming the placement policy and students are trained in a focused manner with the help of mock Group Discussions, mock interviews, and various other tools. The placement for AY 2024-25 was also exciting as visible from the statistics.

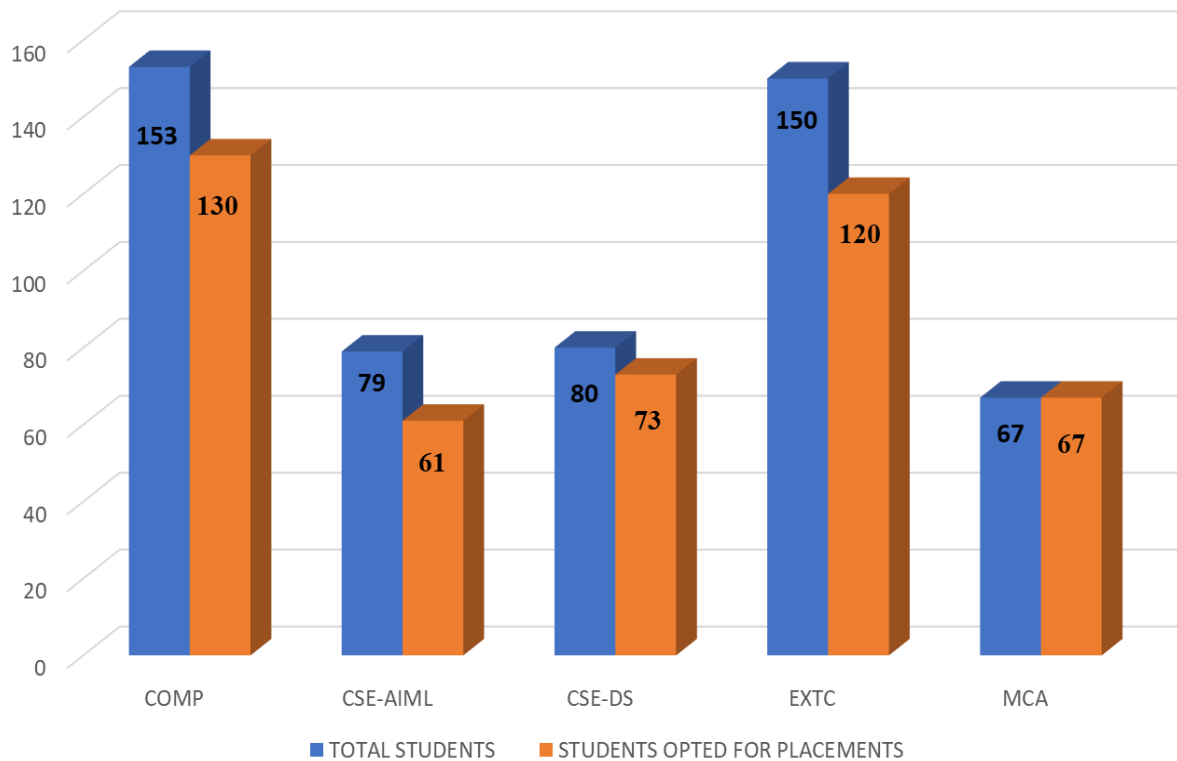
Branch wise performance of students in placement



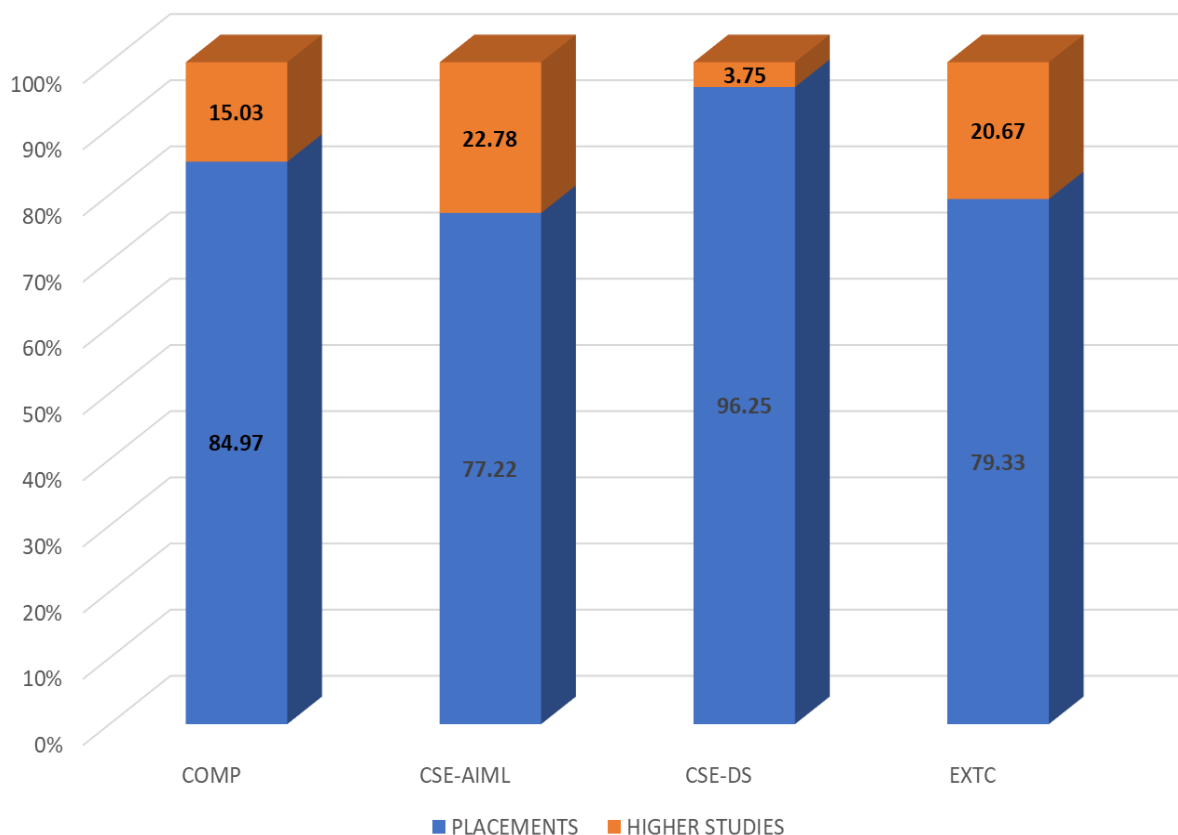
Placement across profiles



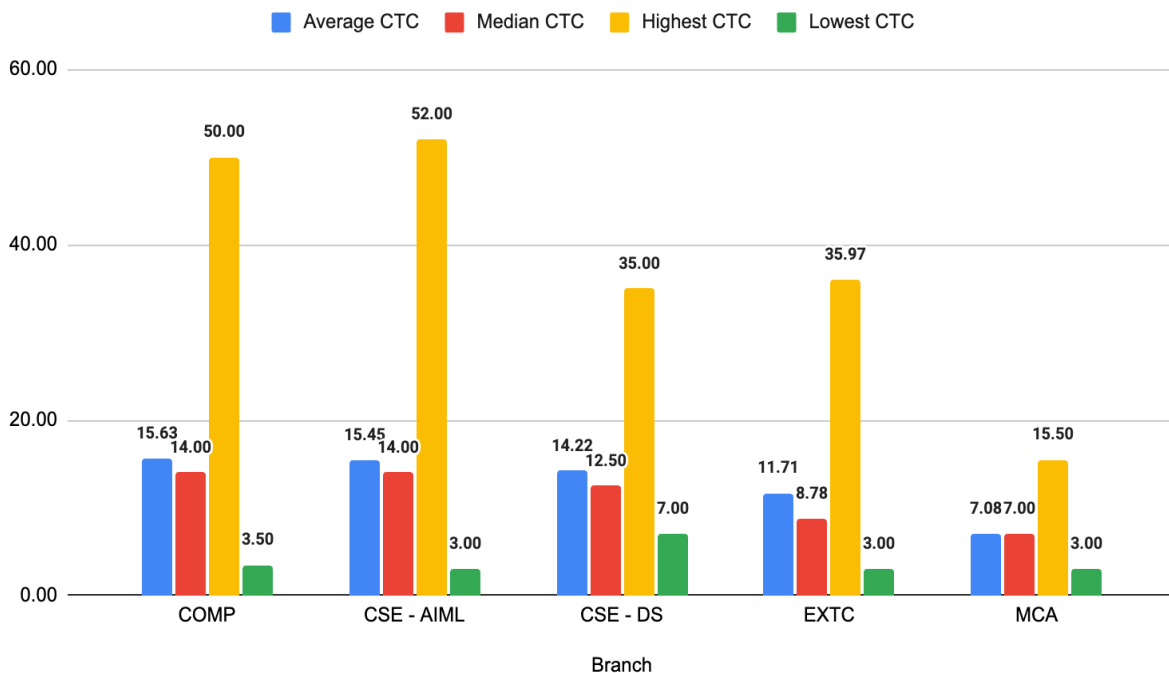
STUDENTS OPTING FOR PLACEMENTS



DIVISION OF STUDENTS



Branch-Wise Avg, Median, Highest, Lowest



Summary of Placement Statistics 2025										
Details	Elite		Super Dream		Dream		Normal		Total	
Year	2023-24	2024-25	2023-24	2024-25	2023-24	2024-25	2023-24	2024-25	2023-24	2024-25
No. of Profiles	27	21	46	48	20	21	2	13	95	103
Students Placed	93	110	149	180	41	70	2	58	285	418
Highest CTC (LPA)	61.55	52	13.66	15	9	9	3	6	61.55	52

Summary of Students Placements

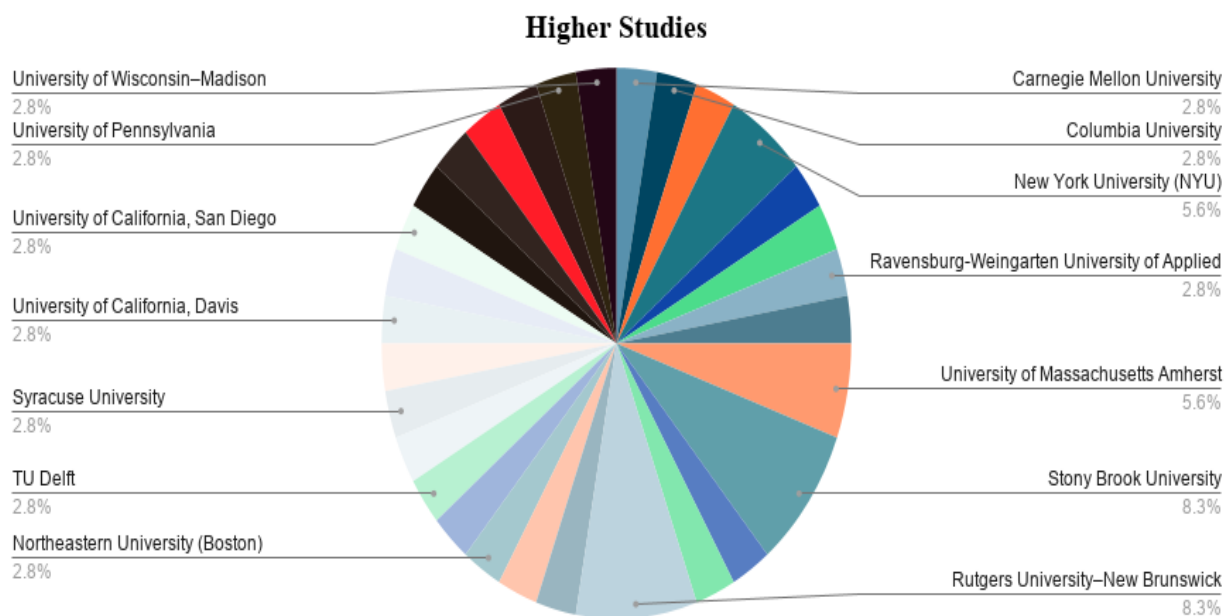
1. The placement season for AY 2024–25 witnessed a **significant improvement in overall student placements**, with a total of **418 students placed across 103 profiles**, reflecting strong industry engagement and recovery in hiring trends.
2. The institute continued to maintain **exceptional placement percentages across all programmes**, with most branches achieving **near 100% placements**, reaffirming the consistency of SPIT’s placement performance.
3. The number of **Super Dream and Dream offers increased substantially**, with **180 students placed in Super Dream roles and 70 in Dream roles**, indicating improved access to high-paying opportunities.
4. The **highest CTC offered was ₹52 LPA**, with strong compensation trends observed across branches. The **average and median CTCs remained competitive**, reflecting both high-end and stable placement distribution.
5. Branch-wise performance shows that **CSE-related programmes (CSE-AIML and CSE-DS)** continued to lead in placement outcomes, with **CSE-DS achieving the highest placement proportion (~96%)**, while other branches also demonstrated robust performance. *(based on chart on page 4)*
6. A notable proportion of students also opted for **higher studies**, particularly in CSE-AIML and EXTC, indicating a balanced career outlook among students and strong academic progression. *(as shown in division chart on page 4)*
7. The institute’s structured training, internship integration, and industry collaboration through CCD have played a **crucial role in enhancing employability**, resulting in improved placement quality and sustained recruiter trust.

6.3 Higher Studies

The Training & Placement Cell is also involved in e-governance for students aiming for foreign universities by developing an online system for providing Letters of Recommendations (LoRs). However, over a period of time this role has evolved into not only providing LoRs but also assisting such students to undertake 6 months long Research Internships during the VI Semester. These research internships have improved the quality of our B. Tech Projects and are also contributing to quality publications as well fetching recognition in national and international competitions.

Sr. No.	Name of B.Tech. Programme	% of Students Opted for Higher Studies	Number of student selected for Higher Studies in Top institutes
1	Computer Engineering	15.03	23
2	CSE-AIML	22.78	18
3	CSE-DS	8.75	7
4	Electronics and Telecommunication Engineering	20	30

Notable Universities



7. Student Chapter Events

The Student's Council is a very active body at the institute level which organizes and promotes popular events like Techno-cultural festival: Oculus, Sports festival: Agility & SPoorthi, Technical events: Hackathon, Tech-Race & MUN and Open Mike for students to show their literary, technical and musical talents. There are other committees like E-Cell, Rotract Club, English Literary Association (ELA), etc. The E-Cell regularly conducts activities to educate and upskill the self-sustainability, business mindset and entrepreneurial capabilities of the Institute's student bodies. This chapter organizes various events for social causes, e.g. Marathons, Blood donation drive, Clothes donation drive, etc. This club conducts activities and competitions in English language like debates, GDs, Presentations, etc. to enhance students' communication skills. This club is an editorial board which publishes the College Annual Magazine.

Apart from the Institute level committees, every department has its own active and vibrant student associations like FETS, ITSA, CSI, ESA, FACE, ACE and IETE. The main objective is to arrange seminars and workshops for students. The events conducted by these committees and clubs are documented in this chapter.

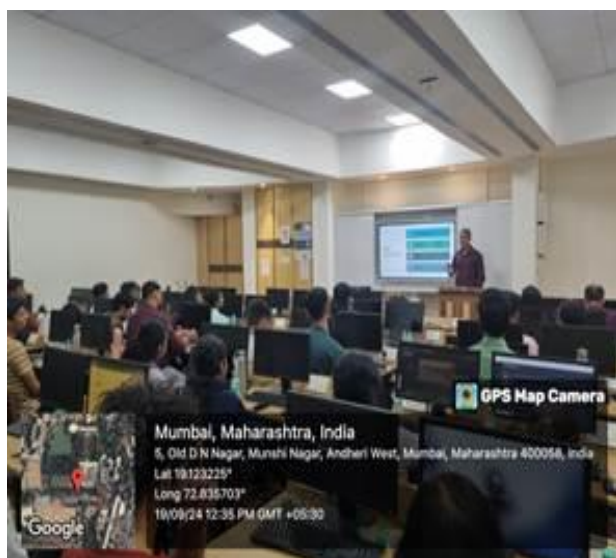
7.1 Professional Society Events

IEEE



1. Standard Workshop and Hackathon (IAYPC)

Hosted by IEEE S.P.I.T. and IAYPC on 19th September 2024 at Sardar Patel Institute of Technology, the event brought together around 50 student teams from colleges across Mumbai, including NMIMS and S.P.I.T. The event began with expert sessions by industry leaders such as Dr. John Jose (IIT Guwahati), Anand Raje (IIFON), and Manikandan K (BIS), who shared insights on engineering standards, cybersecurity, IoT, and network management. This was followed by a hands-on hackathon, where students applied their learning to solve real-world problems. With a total expenditure of Rs. 27,319, the event was organized by Dr. Renuka Pawar, Prof. Harshil Kanakia, Prof. Sakina Shaikh, Himanshu Agrawal, Shrutika Yeole, and Harsh Walavalkar. The event successfully blended theoretical knowledge with practical experience, enhancing students' understanding of engineering standards and innovation.



2. AARAMBH X UDAAN

IEEE SPIT kickstarted the new academic year with AARAMBH, a fun-filled icebreaker event for the freshers of 2024. Held on 4th October 2024 at 4:30 PM in Room 508, SPIT, the event saw participation from over 100 students, creating a vibrant and welcoming atmosphere. Organized by Himanshu Agrawal, Shrutika Yeole, Harsh Walavalkar, and Aniket Atole, and conducted with an expenditure of Rs. 5,748, the event featured engaging games such as: Guess the Song – a buzzer-based music challenge with dares, WhoDunnIt? – a mystery-solving activity based on video clues, Emotikon – a creative emoji-based guessing game for movies and series. Participants were grouped to encourage interaction, with snack breaks and an impromptu dance session adding to the excitement.



3. CODE-HUNT

IEEE S.P.I.T. hosted the exciting CodeHunt 2024 on 21st November 2024 at Sardar Patel Institute of Technology, blending strategy, coding, and problem-solving. The event drew over 155 participants from SPIT and top colleges like DJ Sanghvi, VJTI, TSEC, and Thadomal, fostering a vibrant and competitive atmosphere. The two-round format began with a thrilling treasure hunt, challenging teams to solve clues and race across campus. This was followed by a coding competition on HackerRank, where participants showcased their algorithmic and programming skills under pressure. With high energy, collaboration, and creative thinking throughout, the event concluded with a prize distribution ceremony celebrating the efforts of all teams. CodeHunt 2024 successfully reflected IEEE S.P.I.T.'s commitment to innovation, technical growth, and experiential learning.



STUDENTS' COUNCIL



1. Induction Program (18th–20th September 2024)

The three-day Induction Program warmly welcomed the new batch of students, helping them transition into college life. Students were introduced to all college committees and provided with insights into the variety of college activities available throughout the year. The event also featured ice-breaking sessions and engaging interactions to ease newcomers into the S.P.I.T. environment.

2. Garba Night (10th October 2024)

A night of vibrant celebration, Garba Night brought the spirit of Navratri to campus. Students dressed in traditional attire participated in lively Garba and Dandiya dances. The event, held in the college quadrangle, saw enthusiastic participation and created an atmosphere of unity and joy.



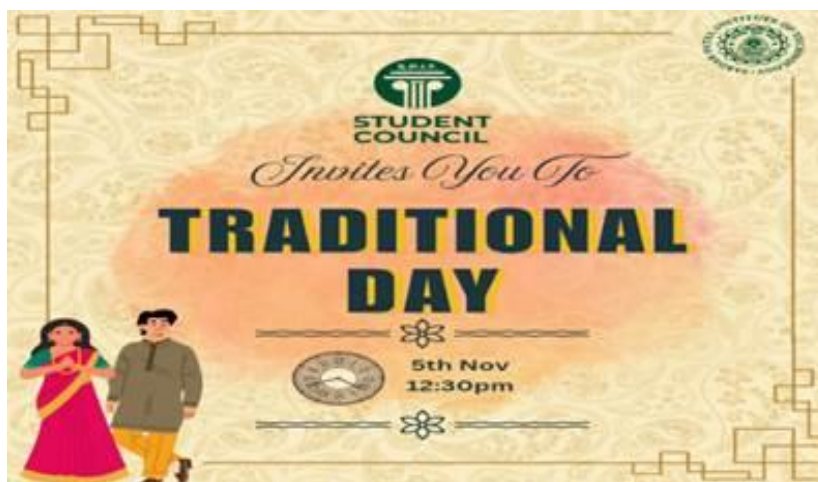
3. Fresher's Night (18th October 2024)

Organized to welcome the first-year students, Fresher's Night was filled with entertainment and interaction. Events included **War of Branches**, **Best Dressed Male and Female**, and **Mr. and Ms. Fresher** competitions. Students enjoyed a fun-filled evening with music, dancing, and a DJ session, fostering a sense of community among new and senior students.



4. Traditional Day (5th November 2024)

Traditional Day celebrated the rich cultural heritage of India. Students and faculty came dressed in traditional attire representing various regions. The event featured cultural performances and created a colorful, inclusive environment that highlighted unity in diversity.



5. S.P.I.T. Hackathon (15th–16th February 2025)

In collaboration with **Computer Society of India (CSI)**, the 24-hour national-level S.P.I.T. Hackathon brought together innovators from across the country. Participants tackled real-world problems under themes like Sustainability, AI, and Smart Cities. The event fostered collaboration, creativity, and competitive spirit. With industry mentors, workshops, and an esteemed judging panel, the hackathon showcased the technical prowess and problem-solving skills of the student community.



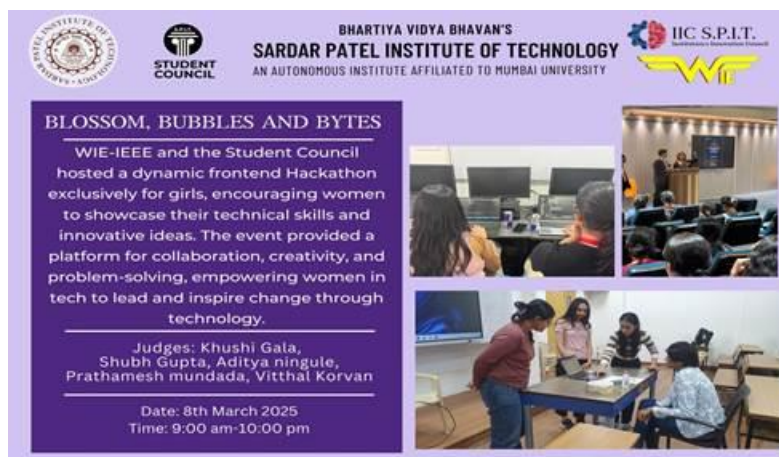
6. Women's Week – Inauguration Ceremony (4th March 2025)

In collaboration with **IIC S.P.I.T.**, **WIE-IEEE**, and **Mudra**, the Student Council celebrated Women's Week with a grand inauguration. The event, hosted in Room 008, featured a keynote address by Ms. Palak Davda, a financial influencer and entrepreneur. It also included stalls offering games and awareness activities promoting gender equality, women's empowerment, and financial literacy.



7. Blossom Bubbles & Bytes – Women-Only Hackathon (8th March 2025)

Concluding Women's Week, this 12-hour front-end hackathon exclusively for women aimed to promote innovation, team spirit, and technical confidence. The event allowed female students to collaborate, brainstorm, and build creative solutions, while also focusing on design thinking and ethical coding practices. Hosted in the ground floor lab, the hackathon was a major step toward encouraging more women in tech.



8. S.P.I.T. Half Marathon

Organized in collaboration with **Sports Committee**, this event was a landmark in the institute's sports calendar, drawing over 850 participants, including 150 police personnel. It was certified by the Maharashtra State Distance Athletics Association (MSDAA) with CRONUS Timing Solutions as the official timing partner. This edition marked the debut of the 21.1 km Half Marathon, a recognized qualifier for full marathons across India. Alongside, the event featured a 5 km Joy Run, 5 km Timed Run, and 10 km Timed Run, catering to runners of all levels. Held under the theme

“Education for Underprivileged Children” in collaboration with the N+1 Foundation, the event supported a noble cause where every four registrations funded a study kit for a child in need. With a prize pool of ₹1.75 lakh, multiple age categories, and participation incentives, the marathon was backed by 17 sponsors. The scenic Juhu coastline route, extensive hospitality, and strong volunteer support contributed to an exceptional experience. Participants were provided with beverages and a nutritious breakfast post-run, making the event a well-rounded, memorable blend of fitness, community, and purpose.



9. MUNify 2024 – Model United Nations

The MUNify 2024 conference, organized by Student Council_SPIT & RC_SPIT on 15th–16th February 2025 at SPIT College, provided a platform for students to engage in diplomatic discussions, policy analysis, and high-level debates. With 63 participants, the event simulated real-world global and national issues across three committees: UNSC, WHO, and AIPPM. Delegates debated security threats, global healthcare policies, and Indian governance, fostering critical thinking, negotiation, and public speaking skills. Through structured debates and resolution drafting, MUNify 2024 successfully encouraged collaboration, leadership, and global awareness among students.



10. Oculus 2025:

We are delighted to share the highlights and accomplishments of the 7th edition of our flagship annual techno-cultural festival, **Oculus 2025**, hosted from **20th to 23rd March 2025**. Over the years, Oculus has evolved into a vibrant celebration that bridges the worlds of innovation, art, and youthful enthusiasm, and this year was no exception. With the theme **“Arabian Nights”**, this year’s fest transported participants into a mystical realm of charm, mystery, and grandeur. Every corridor of the campus reflected the theme's aesthetic, adorned with intricate lanterns, rich tapestries, flowing drapes, and gold-accented elements, creating a mesmerizing experience reminiscent of the timeless tales of the East. The theme was not only visually stunning but also a metaphor for the variety, surprise, and vibrancy that the fest had in store.

Pre-Event Highlights

The excitement for Oculus 2025 began weeks before the main event, with several high-impact pre-fest activities designed to ignite student engagement and set the momentum for the main days:

1. College Rivals

An inter-college showdown across various domains—cultural, technical, and creative— College Rivals served as a high-energy precursor to the fest, encouraging students from different institutions to compete and collaborate in the spirit of sportsmanship.

2. Under 25 Summit

A platform for inspiration and thought leadership, the summit featured dynamic sessions from young creators, entrepreneurs, digital influencers, and changemakers. These talks offered students a chance to glean insights into unconventional career paths, creative innovation, and self-expression.

3. TEDx SPIT

Returning after a hiatus of three years, TEDx brought together an impressive lineup of speakers from diverse fields such as technology, literature, environmental science, and social entrepreneurship. Their compelling stories and transformative ideas captivated the audience and emphasized the power of thought and dialogue.

Main Fest Overview

20th March – Inauguration and General Championship

The inaugural ceremony marked the formal opening of Oculus 2025. A sense of anticipation filled the air as the fest kicked off with the **General Championship (GC)**—an interdepartmental competition designed to test students across a variety of disciplines. From coding and quiz rounds to design challenges and creativity contests, the GC was a melting pot of talents and enthusiasm, laying the foundation for a competitive yet collaborative spirit throughout the fest.

21st March – Strategic Gaming, Music, and Celebration

This day was a blend of strategy, performance, and interactive celebration.

Battle of Bands

Musical groups from across institutions battled it out on stage, delivering electrifying performances in genres ranging from rock and indie to fusion and classical. The energy, instrumentation, and crowd interaction turned this event into a standout musical evening.

The Carnival

The heart of the campus transformed into a fairground filled with joy and laughter. Food stalls, game booths, quirky photo zones, and interactive installations made the Carnival a lively and social experience for all attendees.

IPL Auction Simulation

With a **prize pool of ₹20,000**, this two-day strategic event replicated the intensity of a real IPL auction. Participants, grouped into franchises, bid on virtual players while managing budgets, analyzing statistics, and devising team strategies. The hybrid (offline + online) format enabled broader outreach and participation, promoting both analytical and cricketing skills.

Culture, Rhythm, and Celebration

SARGAM'25 – The Music Competition

Offering a **prize pool of ₹40,000**, this competition included **Solo**, **Duo**, and **Band** categories. Musicians from different backgrounds mesmerized the audience with powerful vocals, instrumental finesse, and original compositions across various styles— from Indian classical to pop, jazz, and fusion.

AELAAN-E-JUNG – Dance Competition

One of the most anticipated events of Oculus 2025, this dance battle drew participants from across the region. With a **₹70,000 prize pool**, teams performed in **Solo**, **Duo**, and **Group** formats. A preliminary online screening filtered the best performers, culminating in a high-octane on-ground finale. The crowd witnessed a spectrum of dance forms—hip hop, classical, contemporary, freestyle—each routine telling its own unique story. A registration fee of ₹1500 per group helped streamline entries and ensured quality participation.

IPL Auction Simulation – Day 2

Continuing from Day 1, the simulation intensified with revised budgets, unexpected twists, and tactical reshuffles. Teams adapted quickly, showcasing real-time decision making under pressure.

DJ Night with DJ Jammer

As night fell, the campus came alive under the stars with an electrifying set by **DJ Jammer**, whose performance blended commercial hits, EDM, and desi beats. With lights, visuals, and pyrotechnics enhancing the show, it became an unforgettable night of dance and unity.

Innovation, Expression, and Grand Finale

23rd March: The final day was a fusion of creativity and technical excellence:

Rangmanch – The Theatre Festival

With a **prize pool of ₹15,000**, this event celebrated dramatic arts through **Nukkad Natak (street plays)**, **Monologues**, and **Short Film Screenings**. Themes ranged from social justice and mental health to satire and campus life, delivering performances that were moving, thought-provoking, and impactful.

BotCombat – The Robotics Championship

Organized in collaboration with **IEEE AESS** and the **DRC**, this event attracted tech enthusiasts and robotics innovators. It featured two core categories:

- 1. Robowar (₹25,000 Prize Pool):** Teams engineered combat robots to battle in structured duels. The competition evaluated robot design, maneuverability, durability, and strategic prowess.
- 2. Robo Sumo (₹10,000 Prize Pool):** A test of precision and control, robots competed to push each other out of a circular arena—challenging the fine line between power and balance.

Pronite – Valedictory Concert

The closing night was a celebration of music, memories, and milestones. With live performances by **Gini** and Bollywood playback singer **Dev Negi**, the concert created a euphoric atmosphere. Songs, lights, and an overwhelming sense of accomplishment echoed through the grounds, bringing Oculus 2025 to a poetic conclusion.



Conclusion

Oculus 2025 wasn't just an event—it was an experience. A celebration of creativity, technology, leadership, and culture, brought to life by the collaborative effort of over 200 volunteers, student leaders, faculty, and external partners.

We extend our heartfelt gratitude to all the participants, performers, sponsors, faculty members, judges, and behind-the-scenes heroes whose dedication, energy, and vision made Oculus 2025 a resounding success. Your contribution transformed ideas into experiences, and efforts into moments that will be remembered for years. As we look forward to **Oculus 2026**, we carry with us the learnings, joy, and inspiration from this edition. We aim to return next year with even greater enthusiasm, broader impact, and higher standards of excellence.

7.2 Department Forum

CSI



1) Tech RoadMap

CSI-SPIT organized Tech Roadmap on 30th Sep 2024, to guide first and second-year students on potential career paths, including placements and higher studies. Hosted by experienced seniors, the session covered personal journeys, preparation strategies, and key learnings across various tech domains. Emphasizing networking, internships, and aligning interests with goals, the event concluded with an engaging Q&A session. It served as a motivational start to the academic year, encouraging students to take charge of their career planning.



2) GSOC SESSION

On October 1, 2024, CSI-SPIT organized Get Set GSOC, an insightful session led by Tvisha Vedant, a GSOC 2024 contributor from VJTI. Aimed at first and second-year students, the seminar covered the GSOC application process, selecting the right organizations, building connections, and clearing common misconceptions. Tvisha shared her experience and distributed helpful resources, concluding with an engaging Q&A. The session successfully sparked interest in open-source development and laid the foundation for a strong open-source culture at SPIT.



3) GIT GITHUB SESSION

CSI-SPIT and WIE-SPIT conducted INIT – A Git Workshop, introducing students to the fundamentals of Git and GitHub. Led by third-year students Asim Shah and Shubham Karampure, the session guided attendees through Git setup, core commands, and pushing code to GitHub. Real-time assistance ensured smooth learning, and the workshop sparked enthusiasm for open-source development ahead of HacktoberFest. The session laid a strong foundation for collaborative coding and served as a precursor to CSI's open-source initiative, Source Start



4) Source Start: Open Source Event

Held from October 1st to 31st, 2024, Source Start was a month-long open source initiative organized by CSI-SPIT to align with the global HacktoberFest movement. Building upon earlier sessions on GitHub basics and the Google Summer of Code (GSoC), this flagship event introduced over 150 students to real-world open source contributions. Participants cloned repositories from CSI-SPIT's GitHub and worked on identifying and improving code issues. With 190+ responses, the event witnessed enthusiastic participation and successfully nurtured a strong culture of open source development within the institute.

Let's	Get	Started
VanillaJS_Hotel_Website Welcome to Hotel Imperial Palace, a fully responsive website created using the basics of HTML and CSS. The website showcases a modern and clean design for a hotel, featuring pages for information about the hotel and other amenities. HTML 11	Algorithmic-Trading This project focuses on algorithmic trading using Python in Jupyter Notebooks. It covers various data structures and algorithms, providing a hands-on approach to solving algorithmic challenges. The notebooks are designed to be interactive and educational for learners of all levels. Jupyter Notebook 5	Travel-Blog This project is a Travel Blog built with React and Vite. The blog allows users to explore various travel destinations, read articles, and share their experiences. The application focuses on providing a smooth and fast user experience with a modern design. JavaScript 5
Battleship-Game-JS This is a Battleship Game built using HTML, CSS, and JavaScript. It simulates the classic battleship experience where players take turns guessing the location of their opponent's ships. JavaScript 3	Wordle-Game-JS This project is a Simple Wordle Clone built using plain JavaScript. It includes the core game logic along with a CSS animation for revealing words. Players can guess the target word within a limited number of attempts. JavaScript 2	Conway-Game-of-Life This project is an implementation of the famous cellular automaton devised by mathematician John Conway. The game is built using React and Next.js 14. TypeScript
MERN-Auth-Workouts-App This Workouts App is a full-stack CRUD application built using the MERN stack (MongoDB, Express, React, Node.js) with authentication implemented using Bcrypt and JWT. The app allows users to create, update, view, and delete workouts once they are authenticated. Contributions are welcome to improve styling, fix bugs, and add features. JavaScript 2	Travel-Blog This project is a Travel Blog built with React and Vite. The blog allows users to explore various travel destinations, read articles, and share their experiences. The application focuses on providing a smooth and fast user experience with a modern design. JavaScript 5	Sandtrix-Game This is a clone of the original game SANDTRIX made in Python. All game logic is original except for the basics of block spawning, which follow a Tetris tutorial. The game is still a work in progress and not fully complete. Python 2

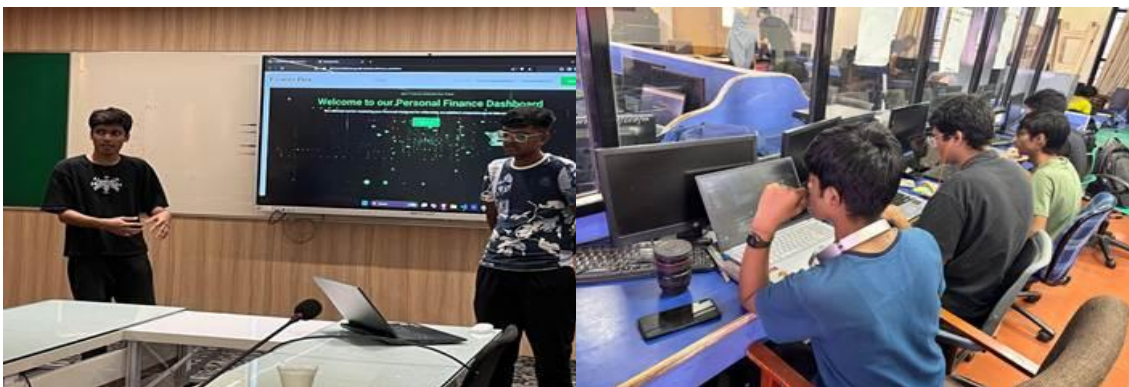
5) Code House

On October 17, 2024, CSI-SPIT organized Code Housie, a unique blend of competitive coding and the classic game of Housie, to engage first- and second-year students in a fun, beginner-friendly coding competition. Participants received digital tickets with six coding challenges sourced from HackerRank and had two hours to solve them. Prizes were awarded for completing rows and achieving a "Full Housie," adding a strategic twist to the contest. The event effectively combined problem-solving, speed, and collaboration, making it both educational and entertaining.



6) Minithon

Held on October 20, 2024, Minithon was a 4-hour frontend-focused hackathon hosted by CSI-SPIT and SDC-SPIT in collaboration with IIIT Bhubaneswar. The event served as the Maharashtra qualifier for IIIT Bhubaneswar's national hackathon, attracting over 200 students from across the state. Teams of four were challenged to develop frontend solutions based on given problem statements. The top 9 teams pitched their ideas to a panel, with the best 2 earning a spot at the main event in Bhubaneswar. Designed to be inclusive with a focus solely on frontend development, Minithon encouraged rapid ideation, collaboration, and design thinking under tight deadlines. It marked a successful and energetic first-of-its-kind collaboration between CSI-SPIT and SDC-SPIT.



7) Mini Source Start:

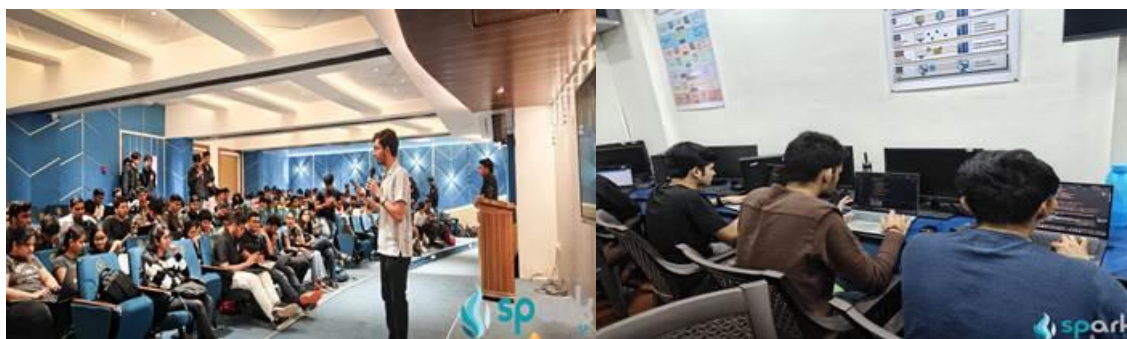
On October 23, 2024, CSI-SPIT introduced Mini Source Start, an open-source beginner initiative exclusively for first-year students. Conducted offline, the event provided hands-on experience with Git, GitHub, and issue resolution. Participants worked in pairs to identify and fix basic issues in repositories hosted on the official CSI-SPIT GitHub account. Tailored for beginners, the event

aimed to build foundational skills and spark interest in open-source contribution. It also served as a stepping stone toward CSI's flagship open-source event, Source Start, encouraging students to explore collaborative coding and prepare for future technical competitions.



8) Frontend Odyssey:

CSI-SPIT hosted Frontend Odyssey on February 1, 2025 — a 10-hour hackathon focused on solving real-world problems through frontend development. Participants, working in teams, built creative UI/UX solutions, with coding starting after prompt selection and ending in two rounds of expert judging. Emphasis was placed on functionality, design, and accessibility. With strong engagement, seamless execution, and a prize pool of ₹10,000, the event was a successful showcase of collaboration and innovation.

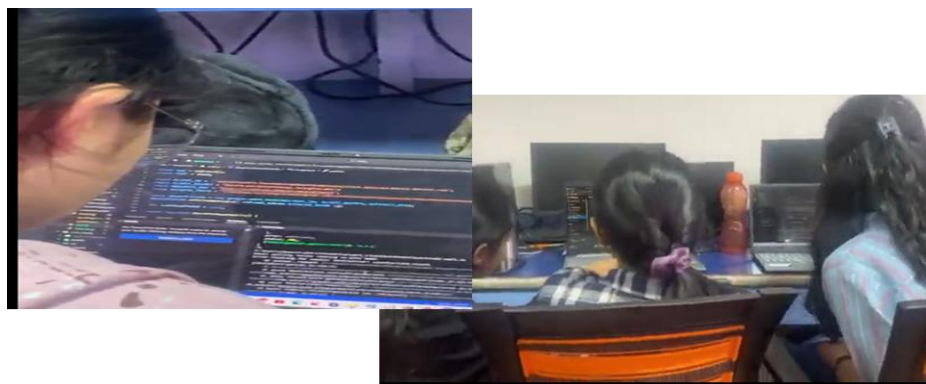


9) The API & SQL Workshop

C.S.I.-S.P.I.T. successfully conducted an online workshop on SQL and API fundamentals on 3rd February 2025. The session aimed to introduce students to backend development by covering key topics such as database interactions using SQL and API request handling. With over 100 participants, the workshop featured live demonstrations, real-world examples, and hands-on exercises to reinforce learning. Interactive Q&A segments kept students engaged and clarified key



As part of CSI TechWeek, C.S.I.-S.P.I.T. organized rAPId, a 3-hour hands-on competition held on 5th February, 2025, focused on real-world API implementation. With over 50 students participating, the event built upon concepts introduced during the earlier TechWeek API Workshop. Participants were grouped based on academic year—first years in one group, and second and third years in another—with curated problem statements tailored to each group's level. Students could participate solo or in pairs, and were given two hours to develop a functional API-driven environment capable of dynamically pushing and pulling data to simulate real-time interactions. The event encouraged creative thinking, logical reasoning, and time-bound execution, while strengthening participants' understanding of backend development. rAPId stood out as a dynamic addition to the week's lineup, offering an exciting, skill-enhancing challenge that was both engaging and educational.



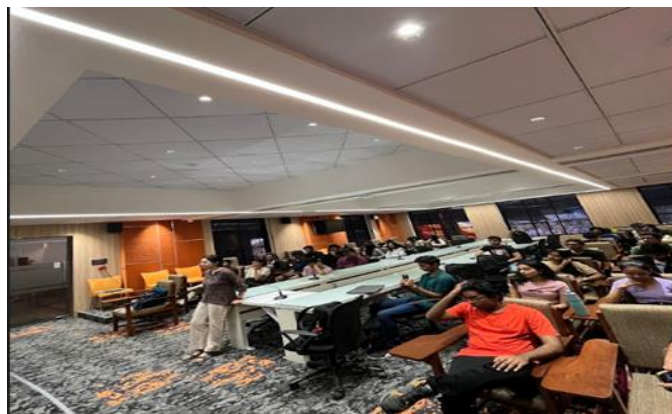
11) UnSQLved

UnSQLved, conducted on 6th February 2025 as part of CSI TechWeek, was a 2-hour long interactive SQL-based event that saw participation from over 100 students. Designed around a fictional question paper leak at S.P.I.T., participants—working solo or in pairs—were given access to a complex database filled with clues, alibis, and suspicious character details. Using SQL queries, they had to identify the culprit and justify their reasoning within the time limit. Hosted on a specially developed website by the CSI Tech Team, the event was both engaging and intellectually stimulating, successfully reinforcing practical SQL knowledge in a gamified format.



12) Main Speaker Session

Main Speaker Session, held on 7th February 2025 for a duration of 2 hours with 30+ students in attendance, was a highlight of CSI TechWeek. The session featured Mr. Dalveer Suri, co-founder of Dunzo, who shared his entrepreneurial journey, insights on innovation, and the evolution of one of India's leading quick commerce platforms. In this interactive session, Mr. Suri discussed his transition from an engineering student to a successful entrepreneur, emphasizing discipline, perseverance, and turning challenges into opportunities. His practical advice and engaging storytelling left students inspired, offering a first-hand look into the mindset needed to build impactful ventures.



13) S.P.I.T. HACKATHON

S.P.I.T. Hackathon 2025, held on 8th–9th February 2025 over 24 hours, drew 200+ students and marked a new milestone with 693 team registrations from across India, including cities like Bangalore, Bhopal, and Pune. After a rigorous shortlisting process, 60 teams advanced to the offline round, taking on real-world problem statements across domains like Web/App Development, AI/ML, and Blockchain. Each team worked tirelessly to build innovative and scalable solutions, which were then presented to a panel of industry experts and academicians.

The top 12 teams progressed to the final round, competing for cash prizes and domain-specific awards, including a newly introduced UI/UX category. Beyond the intense competition, the event offered an enriching platform for learning, collaboration, and tech-driven growth, cementing its place as one of the most prestigious hackathons in the student tech circuit.



14) CODE UNCODE

Code Uncode, held on 20th February 2025, was a 2-hour high-stakes competitive programming event hosted by CSI-S.P.I.T in collaboration with DJ Sanghvi and KJ Somaiya, featuring 100+ participants. As part of the regional qualifiers for the grand finale at DJ Sanghvi, S.P.I.T's top coders, shortlisted through online prelims, competed on HackerRank to solve six algorithmic problems under global standards. With penalties for wrong submissions and color-coded balloons marking each successful solution, the event combined thrill, logic, and suspense, ultimately awarding medals to the top 10 performers.



IEEE WIE SPIT - WDC



1) Init: A Git Workshop

Organized by CSI S.P.I.T., IEEE WIE-S.P.I.T., and IIC S.P.I.T. on 1st October 2024, Init: A Git Workshop was conducted offline at Room 003, SPIT, with over 80 students participating. The hands-on session was led by third-year students Shivam Karampure and Asim Shah, who introduced attendees to essential Git and GitHub commands, version control workflows, and repository management using VSCode. The objective was to strengthen students' foundational skills in collaborative software development. Volunteers from CSI and WIE ensured smooth conduction throughout the event. The workshop received positive feedback, with participants recommending the inclusion of advanced topics in future sessions.



2) DSA Guidance Session 1

Organized by IIC S.P.I.T., WIE-IEEE S.P.I.T., and TPO-S.P.I.T., this offline session was held on 4th October 2024 at Room 702, SPIT, and witnessed participation from 40+ students. The session was led by Vineet Parmar (placed at JPMC), who covered the fundamentals of data structures, focusing on arrays and loops. The event aimed to build a strong foundation in DSA, with practical insights and real-world relevance. Conducted with support from student volunteers, the session included active interaction and concluded with positive feedback. Participants suggested future sessions cover more advanced topics.



3) DSA Session Guidance 2

Held on 8th October 2024 in Room 606, SPIT, this session—organized by IIC S.P.I.T., WIE-IEEE S.P.I.T., and TPO-S.P.I.T.—focused on Stacks and Queues, with over 30 students in attendance. Speaker Stephen Vaz explained the theoretical concepts and practical applications of these structures in areas like task scheduling and expression evaluation. Attendees participated in coding exercises, Q&A, and interactive discussions, which enhanced their problem-solving skills and interview preparedness. The session was well-received and reinforced key DSA principles among participants.



4) M&S BraFit Seminar

Organized by IIC S.P.I.T. and WIE-IEEE S.P.I.T., the M&S BraFit Seminar was conducted offline on 9th October 2024 at Room 103, SPIT, with over 90 female students and 5 faculty members in attendance. The one-hour seminar focused on educating participants about proper bra fitting, emphasizing self-care, comfort, and body confidence. Expert facilitators led the session, providing demonstrations on accurate sizing techniques, types of bra styles, and their impact on posture and well-being. The session fostered a supportive and empowering environment, encouraging body positivity and informed wardrobe choices. The initiative was well-received, making a meaningful impact on women's health awareness within the campus.



5) How To Communicate Without Fear

Driven by IIC S.P.I.T., WIE-IEEE S.P.I.T., and TPO-S.P.I.T., the Communication Skills Enhancement Session was conducted offline on 15th October 2024 in Room 008, attended by 40 students and 4 faculty members. The expert session was led by Dr. Madhavi Gokhale, who emphasized the significance of clear articulation, tone modulation, and active listening in academic and professional communication. Through interactive discussions and real-life examples, the session equipped participants with essential tools to improve their communication effectiveness. The workshop received positive feedback, with suggestions for advanced future sessions to build on the foundational concepts explored.



6) Pookieyon Ke Khiladi

Organized by IIC S.P.I.T. and WIE-IEEE S.P.I.T., Pookieyon Ke Khiladi was a high-energy, offline competition held on 24th October 2024 in Classroom 003, involving 25 participants across 9 teams. This multi-round event tested critical thinking, creativity, emotional intelligence, and public speaking through unique games such as ChadGPT, Mic Drop, Pookie or No Pookie, and Poker Face. Participants showcased their adaptability, teamwork, and strategic decision-making under pressure. With engaging rounds and innovative formats, the event successfully blended learning with entertainment, offering a vibrant and skill-enhancing experience. The event incurred a total expenditure of ₹3,925 and was lauded for its creativity and execution.



7) Pee Safe -Women's Personal Hygiene Awareness Campaign

Organized by IIC S.P.I.T. and WIE IEEE S.P.I.T., this 12-day offline campaign (9th–20th December 2024) aimed to raise awareness about women's personal hygiene across the SPIT campus. In collaboration with Pee Safe, free hygiene product samples were distributed to 400+ female students through booths, demonstrations, and Q&A sessions. The initiative fostered open conversations around menstruation, promoted better hygiene practices, and empowered participants with practical knowledge, while student volunteers gained valuable organizing experience.



8) Women's Week

Held on 4th March 2025, the Women's Week Inauguration was a vibrant offline event organized by IIC S.P.I.T., WIE IEEE S.P.I.T., Student's Council, and Mudra. Featuring a keynote by Amazon SDE Ms. Palak Davda, Mudra's cultural performances, and interactive stalls like a period pain simulator and tarot reading, the event celebrated womanhood, empowerment, and inclusivity. With a red-and-black theme and 80+ attendees, it set an inspiring tone for the week, sparking meaningful discussions around gender, leadership, and health awareness.



9) Kitty Party with WIE

Organized by IIC S.P.I.T., WIE IEEE SPIT, and the Student's Council on 5th March 2025, Kitty Party with WIE was a vibrant, offline celebration aimed at providing female students a joyful break from academics. Held in Room 008, the event featured music, karaoke, interactive games, and socializing activities that fostered bonding, self-expression, and emotional well-being. With 60+ attendees, it created a stress-free environment promoting teamwork, creativity, and confidence. The event received enthusiastic feedback for its lively atmosphere and inclusive vibe, making it a memorable highlight of Women's Week.

10) My Body, My Responsibility

Conducted on 6th March 2025 as part of Women's Week, My Body, My Responsibility was an informative offline seminar led by Dr. Dhrupti Dedhia, organized by IIC S.P.I.T., WIE IEEE SPIT, and the Student's Council. With 200+ attendees at the SPIT Auditorium, the session covered key women's health topics including PCOS, cancer awareness, and reproductive health. The event encouraged open conversations, broke stigmas, and empowered students with accurate, actionable insights to prioritize their well-being. Attendees praised the seminar for its clarity, relevance, and engaging delivery, making it a highly impactful initiative.



11) Female Faculty Appreciation Event

Held on March 7, 2025, and organized by IIC S.P.I.T., WIE-IEEE SPIT, and Student's Council, this event celebrated female faculty members during Women's Week. Hosted at SPIT in a pastel-themed venue, the event featured engaging activities like the Musical Circle Game, Dumb Charades, and a Dance Session, followed by a tea break. With 40+ faculty and 15+ student volunteers, the event provided a joyful and relaxing atmosphere, receiving positive feedback for its inclusivity and sense of community.

12) Blossom Bubbles & Bytes Hackathon

On March 8, 2025, WIE-IEEE SPIT and the Student's Council organized a 12-hour women-only frontend hackathon at SPIT, featuring 130+ participants in 46 teams. The event focused on solving real-world frontend challenges, with a ₹12,000 prize pool. Judged by experts like Khushi Gala and Aditya Ningule, the hackathon emphasized teamwork, coding skills, and problem-solving. The event received positive feedback, with suggestions to refine problem statements for future editions.



F.A.C.E SPIT

1) AADRAI ADVENTURE TREK

Organized by F.A.C.E. SPIT in collaboration with ACSES, the Aadrai Adventure Trek was held on 18th–19th November 2024, offering students a dynamic outdoor experience in the scenic Aadrai Forest, Maharashtra. With over 120 participants, the trek aimed to promote physical fitness, resilience, leadership, and team-building. The 20 km route featured lush greenery, waterfalls, and challenging terrains, creating a perfect setting for exploration and personal growth. Safety was ensured through experienced trek leaders, hydration breaks, and guided navigation. Participants engaged in team activities, interacted with trek experts to learn survival techniques, and developed a deeper connection with nature. The event concluded with a reflective session where students shared their insights and experiences. Overall, the trek successfully fostered camaraderie, outdoor skills, and an adventurous spirit among participants.



NISP Council

NISP Council S.P.I.T. intends to guide HEIs for promoting students' driven innovations & start-ups and to engage the students and faculty in innovation and start-up activities on campus. It aims at enabling HEIs to build, streamline and strengthen the innovation and entrepreneurial ecosystem in campus and will be instrumental in leveraging the potential of student's creative problem solving and entrepreneurial mind-set.

The National Innovation & Startup Policy (NISP) is being implemented by MoE's Innovation Cell and in coordination AICTE, UGC, state/ UT governments and universities in promoting a strong intra and interinstitutional partnerships with ecosystem enablers and different stakeholders at regional, national and international level. Implementation of policy has been undertaken for quick adoption by HEIs.

1) APEX SYMPOSIUM

The two-day APEX Symposium was organized to provide students with practical insights into entrepreneurship, equipping them with tools such as legal compliance, intellectual property rights, and startup funding strategies.

On Day 1, the event was inaugurated by Dr. Padmaja Joshi, followed by her keynote session on enterprise architecture and its role in business success. Students participated in a case study competition, while faculty attended a workshop on fostering entrepreneurship in academics. A session on IPR by Mr. Parvez Kudrolli covered various forms of intellectual property and their importance for startups. A FinTech panel discussion featuring experts from Knight FinTech, Transpure, and angel investors shed light on innovation and investment trends in the sector. The day concluded with an inspiring keynote by Mr. Champ Alreja, who shared his journey and lessons on resilience in entrepreneurship.

Day 2 began with cultural performances and a tribute to Chhatrapati Shivaji Maharaj. A session on legal compliance conducted by Mr. Abhishek Barari offered critical guidance on regulatory frameworks. Keynote speeches by Mr. Nilesh Dungarwal of WorkIndia and Mr. Mitesh Jain of Symbo delved into real startup journeys, scalability, and innovation. Post-lunch sessions included an in-depth discussion on funding opportunities by Mr. Prasad Shetty, followed by fireside chats with Mr. Arhan Ansari, founder of MuscleBlast, and Ms. Alina Namazi, founder of Cahvé Beauty, who shared insights into building a brand, leveraging social media, and staying authentic. The

event ended with a high tea and networking session, encouraging collaboration and meaningful exchanges among attendees. The symposium successfully combined learning, inspiration, and networking, helping students and aspiring entrepreneurs gain real-world knowledge and confidence to pursue their ventures.



2) Startup Simulation

Startup Simulation, held on 1st October 2024 for 3 hours with 100+ first-year students, was organized by NISP and divided into three domains: Consumers, Healthcare, and FinTech—each with its own judging panel. Esteemed judges included Mr. Parvez Kudrolli, Principal Associate at Khurana & Khurana and IP expert; Dr. Sanjukta Rani Jena, Assistant Professor (CSE) at SPIT with patents and research contributions in ML and IoT; and Ms. Shivani Supe, an award-winning Assistant Professor at SPIT. The event challenged participants to simulate startup ideas within their domains, fostering innovation and practical thinking. After prize distribution, Mr. Kudrolli delivered a brief yet insightful talk on the importance of intellectual property rights for budding innovators and startups.



3) Dreams and Deals

202 Students (No faculty). To build problem-solving, teamwork, and leadership skills in first and second-year engineering students through an engaging treasure hunt format. Organized by the NISP Committee at SPIT, the event began with teams brainstorming startup ideas, followed by a series of QR-coded riddles, marketing reel challenges, and idea pitches. It encouraged critical thinking, collaboration, and strategic decision-making under pressure. With students from various colleges participating as both competitors and judges, the event featured wild card entries and a live leaderboard. After an intense final round, **“Gossip Girls”** emerged as winners, followed by **“Itna_easy”** and **“Pookie Dookies.”** The event concluded with an award ceremony recognizing all top-performing teams.



Entrepreneurship Cell (E-Cell)

1) ENTREPRENEURSHIP AWARENESS DRIVE

E-Cell S.P.I.T., in collaboration with IIT Kharagpur, hosted the "Entrepreneurship Awareness Drive 2024" on October 3rd, 2024, at the SPJIMR Gyan Auditorium. This impactful speaker session brought together aspiring entrepreneurs and industry leaders to share invaluable insights on navigating competitive markets and leveraging innovative strategies for success. The atmosphere was charged with enthusiasm as attendees engaged with renowned speakers and industry pioneers.

Participants gained first-hand knowledge from esteemed speakers, including Mr. Sanjay Behl, Mr. Nikhil Vora, and Mr. Purushottam Kaushik, who shared their expertise on leadership, innovation, and market disruption. A dynamic buffer quiz added an interactive element, fostering engagement among attendees. The event encouraged networking, allowing participants to connect with like-minded individuals and industry experts. With 350 participants, the Entrepreneurship Awareness Drive successfully combined education with inspiration, equipping attendees with essential skills and knowledge. The event was a resounding success, leaving a lasting impact on aspiring entrepreneurs and reinforcing the importance of innovation and resilience in the business



2) Pitch-Hunt

E-Cell S.P.I.T. organized "Pitch Hunt," an event for first-year students aimed at developing their ideation and pitching skills essential for aspiring entrepreneurs. Around 150 to 200 participants formed teams of two to brainstorm solutions for real-world business challenges. The competition was intense, with teams creating innovative solutions within a limited timeframe. They then condensed their ideas into 90-second pitches, testing their quick thinking and communication skills. A panel of industry experts judged the pitches based on creativity, feasibility, and presentation, with winners receiving prizes. The event not only showcased participants' talents but also provided valuable insights into their entrepreneurial journeys.



3) Food Challenge

E-Cell S.P.I.T. and the Student Council hosted "Food Challenge 2024" on October 22, 2024, near the Volleyball Court, outside S.P.I.T. This culinary event featured student teams setting up food stalls to showcase their creativity and serve signature dishes to the campus community. The atmosphere was vibrant, filled with excitement, engaging conversations, and the enticing aromas of diverse cuisines. Participants operated their stalls like startups, focusing on both profitability and culinary innovation, while the presence of enthusiastic food lovers added to the event's appeal. Attendees had the opportunity to either run their stalls or explore the offerings from their peers, fostering a strong sense of community and collaboration. The event was a resounding success, seamlessly blending entrepreneurship with the joy of cooking, making it a memorable experience for all involved.



4) Business Case Study

E-Cell S.P.I.T., in collaboration with SPCG, organized the Business Case Study 2024 on November 22nd, 2024, at Rooms 105 and 008, S.P.I.T. The offline competition brought together over 100 students to solve real-world business challenges from leading companies like Disney+ Hotstar and Swiggy. Divided into two tracks; Track 1 for First-Year and Track 2 for Second-Year students participants pitched innovative solutions in a 7-minute presentation followed by a 3-minute Q&A with industry experts. The event began with opening remarks and briefing sessions, leading into a series of high-energy presentations. Judges provided insightful feedback, helping students refine their problem-solving and strategic thinking. The event concluded with a felicitation ceremony honoring the top teams from both tracks. Business Case Study 2024 was a dynamic and engaging event that successfully blended learning with real-world application, encouraging collaboration, creativity, and entrepreneurial thinking among participants.



5) Illuminate

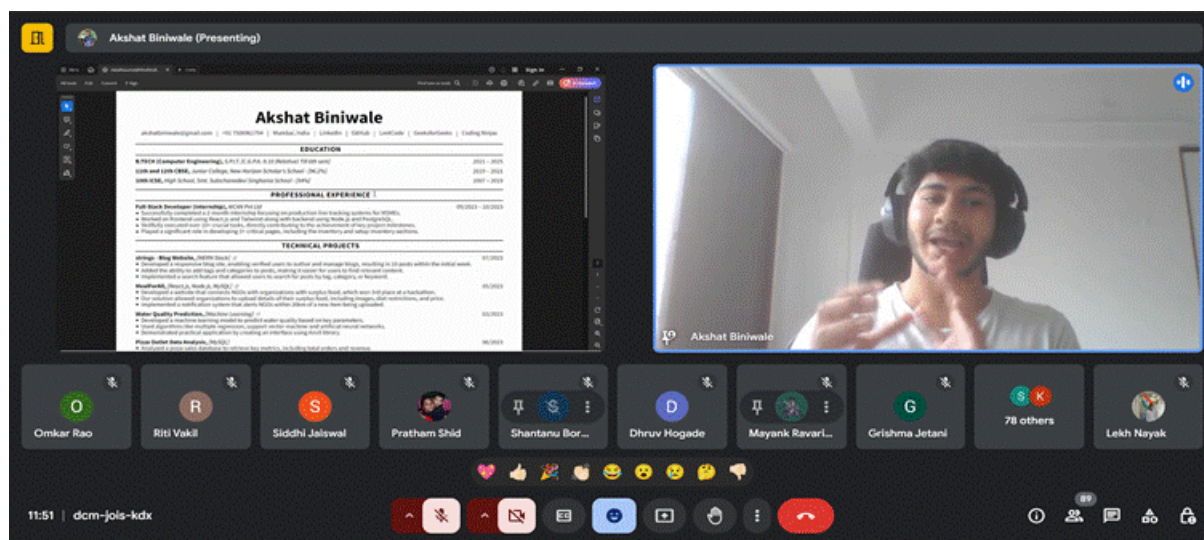
E-Cell S.P.I.T., in collaboration with E-Cell IIT Bombay, conducted the Illuminate Workshop on November 30th, 2024, at the SPIT 008 Auditorium. With over 80 participants, the one-day offline workshop focused on fostering entrepreneurial thinking and equipping students with essential skills in business planning, innovation, and pitching. Led by expert speaker Dr. Ritesh Jain, the workshop featured sessions on entrepreneurship fundamentals, financial planning, idea generation, and the Business Model Canvas (BMC). Participants received curated goodie bags including BMC templates, notebooks, and inspirational books, setting the tone for an interactive learning experience. Through out the 6–7-hour workshop, students engaged in hands-on activities, team discussions, and a pitching session that encouraged practical application of their learning. The highly interactive format promoted peer learning and constructive feedback. The event had a lasting impact by instilling entrepreneurial confidence, improving strategic thinking, and promoting collaboration. It successfully inspired students to think innovatively and take the first steps in their entrepreneurial Journey



Association for Computer Science and Engineering Students (ACSES)

1) The Career Catalyst

Career Catalyst, held on 11th March 2024 for 1.5 hours with 80+Participants, a virtual session with Mr. Gaurav Maity, Software Engineer at Bloomberg and SPIT alumnus, who shared valuable insights on placement preparation, resume building, and technical interviews. His industry experience and interactive Q&A helped students better navigate their career paths.



2) Code It Out:

Code It Out, held on 25th October 2024 for 3 hours with 120 participants, was an offline, Harry Potter-themed coding competition organized by ACSES at SPIT under the guidance of Mrs. Sujata Kulkarni. The event featured two intense rounds focused on data structures and algorithms, fostering teamwork, critical thinking, and time management. Teams of two tackled the elimination round on college PCs before progressing to a challenging final round. With restrictions on electronic devices and syntax references, participants honed their raw coding skills in their preferred languages, simulating real-world coding challenges. The engaging format, competitive spirit, and collaborative atmosphere made “Code It Out” a valuable experience that enhanced both technical and soft skills among budding programmers.



3) CODEX:

Codex, conducted on 30th March 2024 for 2.5 hours in an online mode with 80+ participants, was a coding competition designed to strengthen participants' grasp of data structures and algorithms. The event offered a series of challenging algorithmic problems that encouraged logical reasoning, time efficiency, and problem-solving under pressure—skills vital for technical interviews and competitive programming.



Institution of Electronics and Telecommunication Engineers (IETE)

1) UDAAN

UDAAN 2024, organized by IETE SPIT on 8th October 2024, welcomed 104 participants for an evening of engaging tech-based games, team challenges, and logic puzzles. With a Marvel-themed setup and vibrant anchoring by senior members, the event fostered collaboration, critical thinking, and enthusiasm among first-year students. Highlights included strategic gameplay using Power Cards, interactive performances, and hands-on exposure to basic electronics. Participants praised the event's energy, creativity, and structure, calling it one of the most memorable and inclusive ice-breaking sessions.



2) PCB Design Accelerator

PCB Design Accelerator, a hands-on workshop conducted by IETE SPIT in collaboration with IIC SPIT, introduced second-year students to the fundamentals of PCB design using EagleCAD. Held on 18th October 2024 at the SPIT Seminar Hall, the 5-hour session was led by Mr. Raza Sayed from AICAN Pvt. Ltd. The workshop covered various types of PCBs, UHDI technology, and guided students through the layout and design process, culminating in the creation of Gerber files. With around 150 enthusiastic participants, the session provided valuable exposure to industry-relevant tools and concepts, supporting their academic labs and future projects. Participants who completed the task received certificates, marking a strong start to IETE's technical lineup for the year.



3) BugBuster 2.0

BugBuster 2.0 – National Level 24-Hour Hardware Hackathon, organized by IETE S.P.I.T., saw participation from 257 teams across India and was conducted in four phases—three online and one offline. Phase 1, held on 16th February 2025, was an Orientation and Skill Enhancement Workshop covering troubleshooting techniques, PCB design, MicroPython for ESP32, and Proteus simulation, with expert sessions by Mr. Chirag Shah, Dr. Prashant Kasambe, and others. Phase 2 was an eliminatory quiz hosted on Unstop on 18th February, featuring 40 technical questions to be solved in 30 minutes, where 109 teams qualified based on performance. In Phase 3, participants were assigned unique circuit problem statements and tasked with creating block diagrams, Proteus simulations, video explanations, mathematical derivations, and PCB layouts using Autodesk Eagle; all submissions were evaluated on completeness, functionality, and design. The final Phase 4, held offline, featured a 24-hour hardware debugging challenge involving faulty PCBs and components, with 30 finalist teams competing. The event concluded with an evaluation and prize distribution ceremony. BugBuster 2.0 successfully provided a hands-on platform for students to strengthen circuit design and troubleshooting skills while promoting innovation, teamwork, and technical excellence.





SPark

Magazines and Reports:

One of the primary responsibilities of the SPark Committee is the creation of magazines and reports that capture the essence of college life. These publications serve as a window into the diverse range of events, achievements, and talents within our college community. It also handles the responsibility of drafting the annual report

Event Coverage:

Throughout the year, SPark diligently covered a multitude of college events, ensuring that each one received the attention it deserved. From cultural extravaganzas to academic symposiums, SPark's coverage was thorough and insightful, providing readers with a comprehensive understanding of the events.

1) Open Mic

Open Mic 2025, held on March 12th, celebrated the artistic spirit of the S.P.I.T. community with a Lalaland-inspired theme. The event featured vibrant décor including LED strips, themed banners, and glow-in-the-dark wristbands, creating a lively and immersive atmosphere. The evening showcased a wide range of performances by students, alumni, and faculty. Highlights included a musical performance by Principal Dr. B.N. Chaudhary, a duet by Prof. Narendra Bhagat and his wife, and poetry by Prof. Kaiser Katchi. Stand-up acts and soulful musical performances kept the audience engaged throughout. The event concluded on a high note, leaving attendees with lasting memories and a stronger sense of belonging.



IEEE: Aerospace and Electronics Systems Society (AESS)

1) Cosmic Quest

Cosmic Quest, organized by the IEEE AESS and IIC S.P.I.T., was a three-phase case study competition focused on tackling space debris challenges. Phase 1 featured an online quiz, followed by Phase 2, where top teams submitted innovative proposals. In the final offline round on February 17, 2025, at SPIT, 15 shortlisted teams presented their solutions to a panel of judges. With 200+ participants, the event encouraged critical thinking, collaboration, and public speaking, while offering students real-world exposure to aerospace problem-solving and space sustainability.



2) DRON

The Bot Combat League, organized by IIC S.P.I.T., IEEE AESS S.P.I.T. Student Chapter, Oculus S.P.I.T., and the Drone and Robotics Club S.P.I.T., was a 7-hour robotics competition held on March 23, 2025, at Sardar Patel Institute of Technology. The event featured three high-intensity challenges: Robo Sumo, Robo Soccer, and Robo Line Follower Racing. The competition saw enthusiastic participation from numerous teams, who demonstrated their innovation, technical skills, and problem-solving abilities. The event provided participants with valuable hands-on experience in robotics, encouraging teamwork, strategic planning, and application of engineering concepts in a competitive environment.



Sports Committee, S.P.I.T

1. Agility

The Agility Cup is SPIT's flagship intra-college sports event, held at the start of the academic year to encourage teamwork, inter-year bonding, and campus spirit. It features sports like cricket, football, volleyball, TT, chess, carrom, and dodgeball across various venues. Teams include students from all years and branches, with a focus on mixed-year participation. Cricket, football, and volleyball teams require at least one female player, while dodgeball is an all-girls event. More than a competition, the Agility Cup builds connections, inclusivity, and a strong sense of community through sports.



2. Smash It UP! – Badminton Tournament

SmashItUp brought a wave of energy to SPIT with its action-packed intra-college badminton tournament, held at the top-tier Sportsify Arena, Borivali (West). With a total of 191 participants across four high-spirited categories—Men's Singles (95), Men's Doubles (48), Women's Singles (16), and Mixed Doubles (32)—the event was a thrilling celebration of skill, speed, and student spirit. What made SmashItUp stand out was its vibrant mix of competitive gameplay and community vibes. The crowd roared with every smash, rally, and comeback, making it more than just a tournament—it was a campus-wide adrenaline rush. From intense singles showdowns to fast-paced mixed doubles matches, the event struck the perfect balance between competition and camaraderie. The tournament championed gender inclusivity and collaboration, especially through the Mixed Doubles and Women's Singles categories, promoting equality and mutual respect on court. More than medals, it was about the laughs, the high-fives, and the cheers echoing from the sidelines.



3. 1st SPIT FIDE Rated Chess Tournament 2025

The SPIT FIDE Rated Chess Tournament, held on 17th November 2024 at the SPIT Campus in Andheri, was a large-scale, prestigious event that welcomed 587 participants from across age groups and regions. Organized by the SPIT Sports Committee and conducted under the guidance of MSDCA, with recognition from FIDE and AICF, the tournament followed a 15+3 Rapid format. The event stood out for its diverse age range of participants—from young prodigies to seasoned veterans—competing in a spirit of equality and sportsmanship. With a ₹2,00,000 prize pool, 100 trophies, and certificates for all, the tournament emphasized both performance and participation. The campus buzzed with energy, offering chess enthusiasts a professionally managed and inclusive platform. Beyond competition, the event fostered community engagement, strategic thinking, and intergenerational bonding, making it a true celebration of chess culture at SPIT.



4) Spoorthi

Held from 1st to 17th February 2025, Spoorti 2025 was SPIT's grand 10-day intercollegiate sports fest, drawing over 4000 attendees, including athletes and spectators. With ₹2,00,000 in prize money and Max Protein as the title sponsor, the fest celebrated athleticism, teamwork, and inter-college bonding. Featuring 10 sports, including cricket, football, volleyball, basketball, badminton, TT, chess, and carrom, the event hosted over 60 teams and hundreds of individual participants across venues in Bhavan's Campus, SPCE, A.H. Wadia School, Andheri Sports Complex, and SPIT Gymkhana. From team trophies to individual awards for skill and sportsmanship, Spoorti 2025 stood out as a spirited and inclusive celebration of youth and sport across Mumbai and beyond.



IEEE: Computer Society

1. Brain Drain

On October 15, 2024, IEEE CS SPIT organized Brain Drain, a coding competition aimed at introducing first-year students to core programming concepts through MCQ-based questions and fun team activities. Held in rooms 003 and 101 from 4:00 PM to 8:30 PM, the event welcomed freshers into a collaborative and engaging environment. It served as an ideal platform for developing logical thinking, teamwork, and coding confidence, while also introducing participants to the resources and upcoming activities of IEEE CS SPIT.



2. CaseCrux

Held on January 30, 2025, CaseCrux was a case study competition organized by IEEE CS SPIT to bridge theoretical knowledge with real-world problem-solving in cybersecurity. The competition featured two rounds: an online case submission and a live finale at SPIT Auditorium, Room 008. With 49 participants, the event fostered analytical thinking, creativity, and strategic presentation. Team CyberMavericks emerged as winners, followed by Access Denied in second place, making the competition a key initiative in nurturing industry-ready skills.



3. TechRace

On February 22, 2025, IEEE CS SPIT, in collaboration with Oculus SPIT, hosted TechRace—a city-wide treasure hunt powered by a custom-built app. With 120+ participants racing across Mumbai from 7:30 AM to 4:30 PM, the event tested problem-solving, team/6work, and navigation skills. Pre-event activities included an Instagram quiz and a campus hunt, offering power cards and discounts. The event concluded with the team Late Comers winning the top prize, marking TechRace as a thrilling blend of tech and adventure with a prize pool of ₹75,000.



Rotaract Club, S.P.I.T

1. Technovate 2.0 – 24-Hour Hackathon

Technovate 2.0, organized by RC_SPIT, RID 3141, and CSI_SPIT on 9th–10th November 2024 at SPIT College, was a 24-hour hackathon aimed at fostering innovation, problem-solving, and technical expertise. Participants tackled real-world challenges in AI & ML, Blockchain, Cybersecurity, IoT, and Open Innovation through collaborative development. The event featured mentorship sessions, seminars, and hands-on coding, culminating in final pitches and awards. With 200+ participants (50 teams), valuable industry exposure provided, enhanced technical skills, and promoted creativity through innovative solutions, strengthening the bridge between academia and industry.



2. Beach Cleaning Drive

The beach cleaning drive conducted on 13th October 2024 at Dadar Beach aimed to address environmental pollution. Organized by RC_SPIT in collaboration with Jay Foundation, the initiative brought together 400 volunteers, including 100 RC_SPIT members, collecting over 100 kg of waste. Held from 4:00 PM to 6:00 PM at C5, Yes Bank Lane, Opp. Snackology, Shivaji Park, the drive raised awareness about beach conservation and pollution's impact on marine ecosystems while showcasing the club's commitment to community welfare.



3. Professional Workshop: AIML & Biotech

The Professional Workshop was organized on 19th October 2024 at Sardar Patel Institute of Technology (SPIT) by RC_SPIT in collaboration with IIT Bombay's Aavhan. The event focused on three emerging fields: Cancer Biology, DNA Research, and AIML in Deep Learning, providing students with industry insights and practical knowledge. The workshop featured expert-led sessions covering advancements in cancer treatment, DNA sequencing, CRISPR gene editing, and AI applications. With 300 participants, the initiative successfully enhanced technical expertise, fostered networking, and encouraged students to explore careers in biotechnology, research, and AI-driven industries.



4. UMEED – Clothes Donation Drive

The UMEED Clothes Donation Drive, organized by RC_SPIT from 21st to 25th October 2024 at Deesha Jyot Foundation, Mankhurd, aimed to support underprivileged children by providing clothing during Diwali. The initiative promoted social responsibility and community engagement among students. A college-wide awareness campaign encouraged participation, resulting in the collection of 600+ clothing items—the highest ever recorded for such a drive. With the efforts of 10 dedicated members, the event successfully spread joy while reinforcing the spirit of generosity and social impact.



5. Steps for Smiles – Trek & Book Donation Drive

Organized by RC_SPIT on 23rd November 2024, the Steps for Smiles trek at Gorakhgad Fort combined adventure with social impact. The initiative promoted physical well-being, club bonding, and community service through a book and stationery donation drive for underprivileged children in the base village. With 70 participants, the trek provided an opportunity to explore nature, engage in social responsibility, and appreciate historical heritage. Donations directly contributed to children's education, reinforcing the club's commitment to service and meaningful impact.



6. RED 2024 – A District-Wide Cultural Celebration

RED 2024, organized by RC SPIT & Rotaract District 3141, was held on 21st–22nd December 2024 at SPJMR Ground, SPIT College, bringing together 4000+ Rotaractors for a dynamic fusion of culture, sports, and artistic expression. The event featured electrifying dance and music performances, impactful drama showcases, and intense sports tournaments, fostering creativity, teamwork, and district-wide unity. With an unparalleled scale of participation and engagement, RED 2024 solidified its reputation as one of the most anticipated Rotaract cultural festivals, leaving a lasting impact and setting the bar high for future editions



7. Artshala – Enriching Learning Through Art

On 26th January 2025, RC SPIT, in collaboration with ConnectFor NGO, organized Artshala at Joglekar Wadi BMC School, Sion, transforming classroom walls into interactive learning spaces with vibrant educational murals. This initiative aimed to foster creativity, curiosity, and engagement among students through visually appealing subject-based artwork. With careful planning and execution, volunteers successfully created an inspiring academic environment, earning positive feedback from students and teachers. Artshala not only enhanced the school's atmosphere but also reinforced the role of art in education, leaving a lasting impact on the community.



8. Frames of Joy

On 28th January 2025, RC SPIT, in collaboration with EdYouth Learning Foundation, organized Frames of Joy, a heartfelt initiative at PVR Juhu. The event provided 85 underprivileged children with a memorable movie experience, many of whom visited a theatre for the first time. With careful planning, volunteers ensured a seamless experience—welcoming children, screening "Sky Force," and distributing snacks—making the day truly special. Beyond entertainment, the event fostered confidence, social exposure, and lasting joy, creating cherished memories for both the children and the volunteers.



Enactus

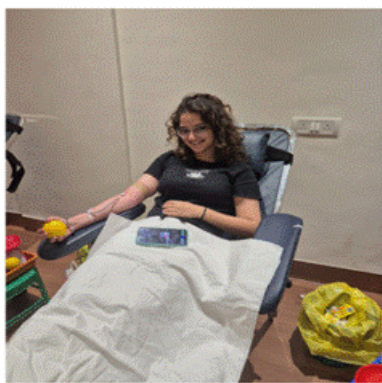
Enactus, a student-driven non-profit, fosters entrepreneurial endeavors to enhance lives. The acronym (EN) Entrepreneurial, (ACT) action made by (us) embodies its mission. Serving as a university hub, Enactus empowers recipients by leveraging their skills for community development. Enactus S.P.I.T., part of Enactus India at Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology, champions social entrepreneurship, striving to bolster employability, sustainability, and societal advancement since its establishment in August 2020

1) Blood Donation Camp

Organized on November 13, 2025, by Enactus SPIT in collaboration with the Student Council and Minatai Blood Bank, the Blood Donation Camp witnessed over 125 donors. The event aimed to foster social responsibility and unity within the student body. With seamless coordination by volunteers and strict adherence to hygiene protocols, the drive successfully created a positive impact while promoting a culture of service and compassion on campus.

2) Abhimat-Lok Sabha Debate Competition

Held on February 28, 2025, Abhimat was Enactus SPIT's flagship debate competition, co-organized with IEEE WIE. Emulating the Lok Sabha, 25+ teams engaged in powerful debates on socially relevant issues, fostering critical thinking and youth expression. The event featured a distinguished judges panel including Ms. Pooja Anandani and Dr. Pratibha Naitthani, who enriched the event with their insights. With impactful speeches, sharp rebuttals, and immersive roleplay, Abhimat celebrated vibrant political discourse and crowned winners across categories like Best Speaker, Best Party, and Best Counters.



Forum for electronics and telecommunication students

On September 5, 2024, FETS hosted a heartfelt Teacher's Day celebration, honoring the dedicated teachers and staff of the EXTC department. Bamboo plants were gifted as a symbol of appreciation, showcasing the team's gratitude for their contributions. The event was meticulously organized in a single day, with personal visits to each teacher and staff member, making it a meaningful gesture of thanks.



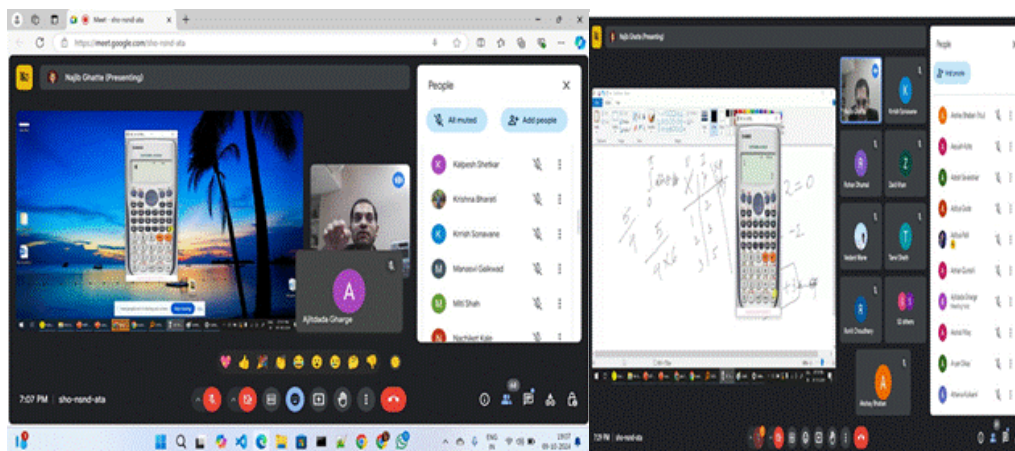
1) MathWorks MATLAB & SIMULINK Event

Held on September 12, 2024, this workshop, organized by FETS, introduced third-year EXTC students to the integration of low-cost hardware with MATLAB for IoT applications. Key speakers from MathWorks and DesignTech Systems guided participants through hardware setup, data collection, and analysis using ThingSpeak. The session aimed to enhance students' technical skills for creating efficient IoT solutions.



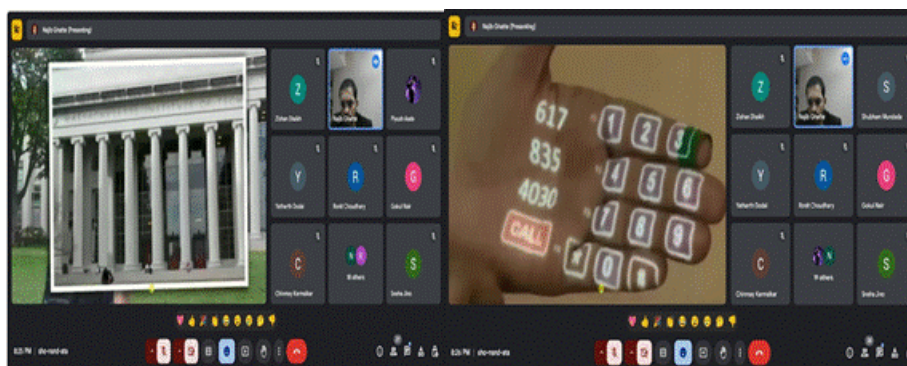
2) Calculator Magic

On October 9, 2024, FETS hosted an engaging online session to unlock the full potential of the Casio FX-991ES Plus calculator for engineering students. Prof. Najib Ghatte demonstrated advanced functions, helping attendees optimize their problem-solving skills in engineering mathematics. The workshop emphasized practical tips and hands-on demonstrations, boosting students' confidence in using the calculator for academic success.



3) Entrepreneurship Workshop

The "Calculator Magic & Entrepreneurial Basics" workshop, held on October 9, 2024, aimed to inspire students to bridge engineering knowledge with entrepreneurial skills. Led by Prof. Ghatte, the session focused on transforming engineering challenges into projects, enhancing professional profiles for placements, and fostering a positive mindset for personal growth and resilience. The event was conducted online, offering valuable insights into both technical and entrepreneurial development.



Student's Development Club

1) Minithon:

Frontend Development Challenge, held on 20th October 2024 at SPIT, was a regional round of IIIT Bhubaneswar's D3 Fest, organized by SDC-SPIT in collaboration with CSI-SPIT. The 4-hour challenge tested participants' frontend development skills through real-world problem statements. Open to students from all colleges, it saw 60 teams compete for a chance to represent Maharashtra at the national level, with travel and accommodation sponsored for the top 2 teams. The event promoted innovation, collaboration, and practical learning in a competitive yet engaging environment.



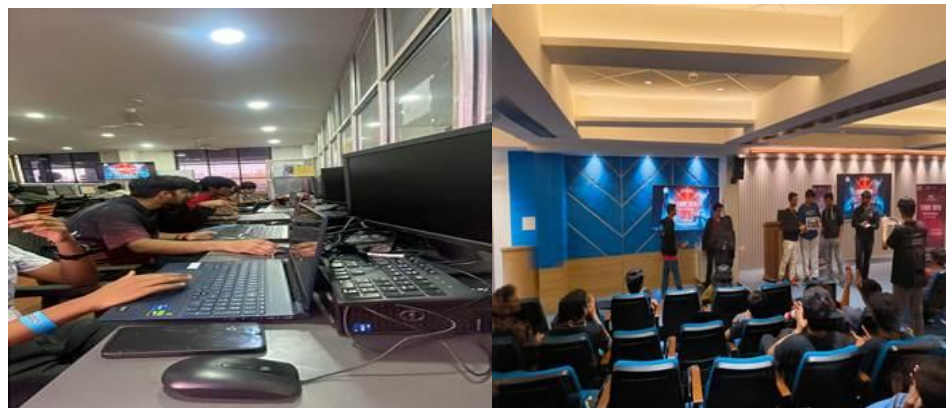
2) Puzzlenama

Puzzlenama, conducted on 26th November 2024 by SDC-SPIT, was a three-level challenge designed to test participants' aptitude and strategic thinking. The event featured rounds of logical puzzles and culminated in a Monopoly Empire gameplay session that highlighted negotiation and planning skills. Open to all college students, the event drew strong participation, offering a prize pool of ₹15,000. With engaging challenges and enthusiastic responses, Puzzlenama stood out as a dynamic blend of intellect and fun.



3) Code Red: The Last Prophecy

Code Red: The Last Prophecy, held on 21st February 2025 by SDC-SPIT, was a duo-based riddle hunt that blended fantasy storytelling with logic-driven challenges. Teams of two, assuming roles as either a Warrior or a Wizard, navigated a series of in-house developed cryptic puzzles designed to test strategic thinking and coordination. Open to all students, the event saw enthusiastic participation and awarded a prize pool of ₹20,000 to the top performers. With its unique concept and immersive gameplay, Code Red proved to be a standout tech event.



Astrophysics Club

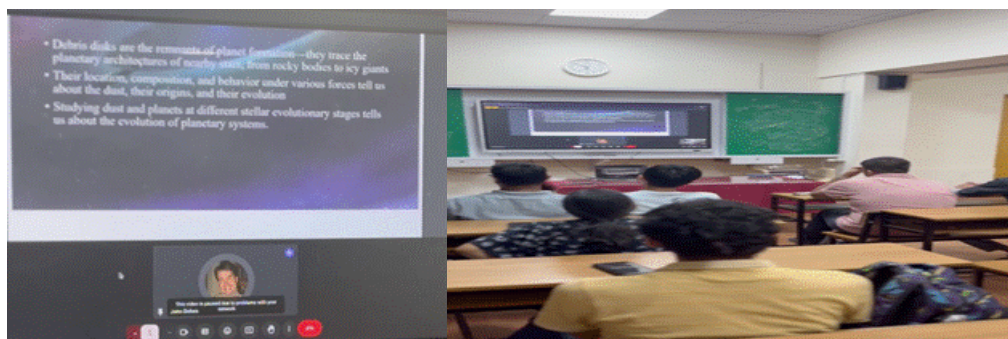
1) Exploring the Cosmos:

Held on 16th November 2024, this special lecture titled "Dive into the Cosmos with Dr. Sanny Ahmed!" offered an enriching glimpse into the universe's mysteries. Conducted in a hybrid format at the IDEA Lab, the session engaged 24 participants and featured Dr. Sanny Ahmed, a Postdoctoral Researcher from UCLA. The talk explored cutting-edge research in Astrophysics, introduced the emerging field of Astrophotonics, and emphasized its growing significance in space studies.



2) Dust and Debris:

On 24th January 2025, the seminar "Dust and Debris from Planetary Systems" took participants on a journey through cosmic timelines and planetary evolution. Hosted in a hybrid format in Room 203, the session drew 28 attendees and featured Dr. John Debes, Instrument Scientist for the COS Spectrograph aboard the Hubble Space Telescope. The lecture unraveled how debris disks—remnants of planetary formation—serve as windows into the origin, development, and eventual fate of planetary systems.



MUDRA

1. Performance at Jio World Drive

The college band 6:30, formerly known as Symphoria had the incredible opportunity to perform at Jio World Drive during the Entreprenari Diwali event, hosted by Navya NaveliNanda, the granddaughter of the legendary Amitabh Bachchan. This special event, which celebrated female entrepreneurship, brought together influential speakers, innovators, and creatives from across industries. Delivered a captivating performance that showcased their talent and energy, leaving alasting impression on the audience. The band's dynamic performance was a proud moment for the college, marking a significant milestone in their journey. The event was made even more memorable with the presence of college students who attended to cheer for the band, providing unwavering support and enthusiasm. This performance at such a prestigious event was a major starting point for 6:30, opening doors to future opportunities and serving as a stepping stone toward greater recognition. It was an experience that not only boosted the band's confidence but also established them as a promising group on the larger musical stage.

2. Alumni meet

Like every year, the college hosted its annual Alumni Meet, inviting graduates from across batches to return to campus and reconnect with old friends, faculty, and current students. One of the highlights of this year's gathering was a spirited performance by the first-year student band, Nakshatra, whose renditions of beloved retro songs—tunes cherished across generations—had alumni and attendees dancing, singing along, and reliving nostalgic memories. Their energy and musical flair thrilled the crowd, creating an electric atmosphere that bridged past and present. Beyond the music, the event fostered warm conversations, networking, and mentorship as alumni shared experiences with students and faculty. It celebrated the enduring bond between the institution and its graduates, inspiring everyone present and reinforcing a sense of community that will carry forward until next year's meet.



3. Under 25 Summit

At the Under 25 Summit, students opened the event with a vibrant and soulful musical performance. They delivered a beautifully arranged mashup of popular songs, instantly energizing the atmosphere and setting a joyful tone for the day. The event was graced by several well-known guests, including Rohan Upadhyay, and the students' performance received an enthusiastic response from the audience. Their seamless blend of melodies, stage presence, and passion created a memorable opening, reflecting the creativity and spirit of the youth.

The performance not only entertained but also built excitement for the sessions that followed, making it a perfect start to a remarkable day.



4. Participation In Competitions

One of the standout moments of the year was the impressive performance of the college band 6:30 at Mood Indigo, where they were shortlisted for the semi-finals of the highly competitive Band Competition. After weeks of intense practice and preparation, the band delivered a captivating performance that showcased their musical skill, stage presence, and deep passion for music.



Their achievement of reaching the semi-finals was a huge milestone, not just for the band but for the entire college, demonstrating the level of talent and dedication our students possess. This performance at Mood Indigo was a proud moment for the college and a testament to the hard work and commitment of 6:30.

Apart from participating in major competitions, both college bands, 6:30 and Nakshatra, collectively took part in several events hosted by various prestigious institutions, further showcasing their musical talent and versatility. These bands represented the college with pride at competitions organized by renowned colleges such as SPCE, KJSIM, Vasant Dada Patil College, and DY Patil College.

Through their performances, the bands not only gained invaluable exposure and experience but also played a key role in spreading the name of the college. Their participation in these competitions helped to highlight the musical prowess within the college community, allowing them to shine on larger platforms and build a strong reputation for the college in the competitive college music circuit.

By representing the college with such energy and enthusiasm, 6:30 and Nakshatra became ambassadors of the college's artistic spirit, leaving a lasting impact wherever they performed and proudly carrying the college's name across various institutions.

DRAMA

1. Rangmanch

As a part of Oculus, the **Drama Domain of Mudra** proudly organized **Rangmanch**, an **intercollege monologue competition** that turned out to be one of the most exciting and memorable events of the year. **Rangmanch** witnessed enthusiastic participation from students across various colleges, each bringing their own flavor of storytelling and performance to the stage. It provided a platform for budding artists to showcase their dramatic abilities, with monologues covering a wide range of emotions — from intense sorrow and anger to love, humor, and hope.

Participants delivered performances that reflected deep creativity, emotional depth, and powerful stage presence. Each act portrayed different characters and situations, making the event a rich tapestry of human emotions and experiences. The competition was judged by respected college faculty member **Alok Kushwaha**, whose insightful observations and encouragement added great value to the event.

2. NAAC 24

As a part of the NAAC celebrations and on the occasion of Shivaji Jayanti, the Drama Domain of Mudra staged a powerful Powada depicting the historic defeat of Afzal Khan by Chhatrapati Shivaji Maharaj. The performance was thoughtfully organized with authentic costumes, traditional elements, and detailed storytelling that brought history vividly to life.

The team's dedication was evident in their expressive dialogues, traditional narration, and impactful stage presence, creating an immersive and captivating experience. The audience, including faculty members, students, and the NAAC committee, was completely engrossed, appreciating the powerful portrayal and the effort that went into making the performance so impactful. The Powada stood out as a proud celebration of bravery and cultural pride, earning wide praise and leaving a memorable mark on the occasion.



A. Short Film Creation

The Drama Domain of Mudra has also been actively working on an exciting project — a short film titled "Welcome to Bhavans", created especially for the official Mudra Instagram page. This project aims to creatively capture the spirit, culture, and vibrancy of the college through engaging storytelling and visuals. The team has been putting in immense effort to script, shoot, and produce the film, ensuring it reflects the warmth and energy that Bhavans is known for. It promises to be a refreshing and memorable addition to Mudra's growing digital presence.



B. Women's Week

As part of the Women's Week celebrations, the Drama Domain of Mudra organized a stirring Nukkad Natak during the college break, focusing on pressing social issues faced by women. This street play was thoughtfully designed to shed light on topics such as gender discrimination, women's safety, societal pressures, and the importance of women's empowerment. The performance took place in an open space on campus, and as it began, it naturally drew a large gathering of students, faculty members, and staff, who were drawn in by the energy and passion of the performers. The team used strong, hard-hitting dialogues, powerful expressions, and impactful storytelling techniques to create an emotional and thought-provoking experience.



DANCE

The dance domain of Mudra has had an energetic and eventful year, filled with growth, performances, and achievements. Here's a detailed look at everything we accomplished over the year:

1. Ganpati Flash Mob – A Festive Beginning

We began the year on a vibrant note with a Ganpati Flash Mob during Ganesh Chaturthi celebrations. Dancers across batches came together for a lively, spontaneous performance that filled the campus with energy and devotion, setting an enthusiastic tone for the year ahead.



2. Garba Workshop – Reviving Traditions

Next, we organized a Garba Workshop during the Navratri season, which saw enthusiastic participation from students across domains. From basic steps to intricate garba moves, the workshop celebrated cultural traditions and brought everyone together in festive spirit.



3. Formation of College's Official Dance Team

With the growing passion and commitment towards dance, we officially formed a Dance Team under Mudra. Auditions were held, and after rigorous selection rounds based on technique, performance skills, and team spirit, the final team was set. The newly formed team went on to represent college at several intercollegiate competitions, including fests at BKC and BK Birla College, where they showcased their creativity, energy, and strong stage presence, earning

appreciation across platforms. Throughout the year, the team also delivered energetic flash mob performances on major occasions like Traditional Day, the College Rivals event, and during the prestigious NAAC visit, where they represented the spirit and vibrancy of our institute.



4. Aelaan-e-Jung – Our Own Inter-College Dance Battle

One of the biggest milestones this year was successfully conducting Mudra's own inter-college dance competition – Aelaan-e-Jung during Oculus 25. This event saw participation from multiple colleges, where fierce yet friendly battles were fought across styles like freestyle, hip-hop, classical, and fusion. The competition provided a platform for dancers from across Mumbai to showcase their talent, and Mudra's dance domain took charge of every aspect – from organizing, inviting judges, setting up the stage, handling registrations, to curating powerful opening acts. Aelaan-e-Jung turned out to be a grand success, marking a fitting conclusion to a year full of passion, creativity, and vibrant performances for the Mudra Dance Domain. This year was a journey of passion, hard work, and unforgettable performances for the Mudra Dance Domain. With every event and competition, we grew stronger as a team and set a higher benchmark for the years to come. We look forward to carrying this momentum into even bigger successes ahead.

FASHION

The Fashion Domain of Mudra has had a vibrant and successful year, marked by creativity, cultural representation, and active participation in intercollegiate events. Our team worked with passion and dedication to bring fashion and cultural expression to the forefront of Mudra's initiatives.

1. NAAC Performance – Showcasing Indian Culture Through Fashion

As part of the NAAC accreditation program, the Fashion Domain curated a special cultural runway segment representing the diverse and rich traditions of India. Each member donned attire inspired by various Indian states, capturing the essence of their traditional clothing, fabric, jewelry, and style. This visual celebration of unity in diversity received immense appreciation and left a lasting impression on the NAAC committee and audience alike.

2. Carnival – Intercollegiate Fashion Competition

We proudly hosted “Carnival”, an intercollegiate fashion competition that saw enthusiastic participation from multiple colleges across Mumbai. The event served as a platform for young designers and fashion enthusiasts to showcase their talents. From theme-based ramp walks to fusion styling and innovative presentation, the competition was a blend of creativity and charisma. The success of “Carnival” has laid the foundation for an even bigger and better edition in the coming years.



3. Other Activities and Collaborations

The Fashion Domain contributed to the visual identity of Mudra by supporting the creative team with styling for shoots and cultural presentations. This year has been one of growth, learning, and celebration for the Fashion Domain. We not only explored the aesthetic dimension of fashion but also used it as a powerful medium to express culture, identity, and creativity. Moving forward, we aim to expand our horizons, collaborate more widely, and continue making fashion a dynamic part of Mudra’s cultural landscape.

8. Institute Activities

Following is a list of the functional MOUs between various organizations and reputed institutes in the academic year 2024-25. The basic purpose and the details of these organizations are described below.

8.1 MoUs

Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Duration	Purpose of MOU/Collaboration
January 2025 – January 2026	Pearl Academy	1 Year	To conduct a minor course
September 2024 - August 2027	Vizuara Technologies Private Limited	3 years	To conduct a minor course
August 2024 – July 2026	Heartcare Pharma	2 years	In association with SPIT, Heartcare will engage in mutual cooperation in R&D primarily in the field of Embedded systems, Instrumentation & Automation, Power Electronics
April 2024- March 2025	CitiusTech	1 Year	To facilitate internship and placements
June 2024 – May 2029	Airport Authority of India	5 Years	To create interest in Civil Aviation
December 2023 - July 2027	K. K. Wagh Institute of Engineering Education & Research, Nashik	4 years	To have AICTE Lab co-operation of both the Institutes, Enriching academics and research by promoting and engaging Student/Faculty exchange, exchange of academic credits.
August 2023 – August 2026	B.Tech. IOT Department of Thakur College of Engineering & Technology	3 years	To promote interaction between IoT-TCET and SPIT Idea Lab in mutual beneficial areas
August 2023 – July 2025	Grid India	2 Years	To promote technical project collaboration in the field of IT

Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Duration	Purpose of MOU/Collaboration
August 2023 – August 2026	Bombay College of Pharmacy	3 years	To strengthen academic interaction for knowledge sharing and capability building, and encourage research related to biomedical
July 2023 – August 2026	Walchand College of Engineering, Sangli	3 years	To collaborate between both the parties for student exchange, tech act, internship program, and fast learners program
July-2023 – June 2026	The COEP Technological University, Pune	3 years	To hire BVB property for educational purposes
July 2023 – June 2026	College of Engineering, Pune	3 years	To foster Student Exchange & Faculty Exchange, collaborative R&D work/R&D projects
May 2023 – May 2026	A.G. Patil Institute of Technology, Solapur	3 years	To enhance the quality of Tech education imparted by both the Institutes
February 2023 - February 2026	Shri Ramdeobaba College of Engineering & Management, Mumbai	3 years	To foster Student Exchange & Faculty Exchange
May 2023 – May 2026	Fr. Conceicao Rodrigues, Mumbai	3 years	To jointly organize Co-curricular and Extra curricular activities, Areas for staff development etc.
July 2022 – July 2025	Veermata Jijabai Technological Institute, Mumbai	3 years	To foster Student Exchange & Faculty Exchange
July-2022 – July-2025	Crypto University	3 years	To extend Co-operation for research, data sharing and paper publishing



Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Duration	Purpose of MOU/Collaboration
June 2022 – June 2025	College of Engineering, Pune	3 years	To Student Exchange & Faculty Exchange, collaborative R&D work/R&D projects
February 2020 - January 2025	SGGS Institute of Engineering and Technology (SGGS), Nanded	5 years	To promote collaborative efforts in engineering education
June 2021 – January 2024	US Institute of 3D Technology	3 years	To promote 3D Printing Technology
December 2019 - December 2024	Maharashtra Industries Development Institute	5 years	To create a mutually beneficial technology partnership on Entrepreneurial projects and funding support for entrepreneurs

8.2 Grants/Funds by Faculty

Grants Received

Name of Government organisation from which grant is received	Name of the Program or Scheme	Amount of Grant received (Rupees)
Virtstyle Technologies Private Limited	Department for Promotion of Industry and Internal Trade (DPIIT)	5,00,000
Biokraft Foods Private Limited	Department of Science and Technology (DST)	20,00,000
NIDHI PRAYAS - Fund Cycle 2024-25	Department of Science and Technology (DST)	1,00,00,000

Consultancy Projects

Name of Faculty (Chief Consultant)	Name of the Funding Agency	Title of the Consultancy Project	Amount Received (₹)
Dr. Anand D. Mane (PI), Dr. Anant Nimkar (Co-PI), Dr. Dayanand Ambawade (Co-PI), Prof. Suhas Kakde (Co-PI)	Vista Engineering S/es, Pune	IOT Gateway Design	10,00,000
Dr. Reena S. Sonkusare (PI), Prof. Priya Deshpande (Co-PI), Dr. Payal Shah (Co-PI)	Heartcare Pharma Services Pvt. Ltd.	Design and Development of Digital Health Device (Non-Invasive) for Real-Time Multi-Parameter Measurement and Remote Vital Sign Monitoring	10,00,000
Dr. Rajendra R. Sawant (PI), Dr. Y. S. Rao (Co-PI)	HMTD Engineering Private Limited, Taloja, Navi Mumbai	Design and Development of Naturally Cooled 4.5 kW and 2.6 kW Regulated Battery Charger (RBC) and Emergency Battery Charger (RBC) for Indian Railways	21,84,000
Dr. Rajendra R. Sawant (PI), Dattatraya Sawant (Co-PI)	Bharat Bijlee Ltd	Design and Development of a Prototype 6 kW, 24/200A DC-DC Converter	10,85,000

9. SP-PDC



Vision and Mission: The vision and mission of this program revolves around the overall development of students in the sphere of innovation. The main aim is to instil a sense of creativity in sync with technical aspects. All in all, to harness invention and innovation.

Objective:

- To convert project to prototype for commercialization
- To develop and test hardware/Software products
- To provide technology support for creative product development
- To develop skills required for end-to-end product development

Asset Cost: Rs. 21, 00,000, Civil Infrastructure: 14.15 Lakhs, Equipment: 6.85 Lakhs

Contributor: SPIT Alumni Network, SPTBI, SPIT

Consultancy Projects: One Consultancy Projects Completed: Design and Development of pressure and vacuum controlled Induction casting machine

Project completed by Dr Rajendra Sawant (PI), Dr. Y.S. Rao, Dr. B. N. Chaudhari for the DST, Technology Development Program. Project was sanctioned on 11 April 2023 with an amount of Rs. 70, 20,723/-.

10. SP-TBI



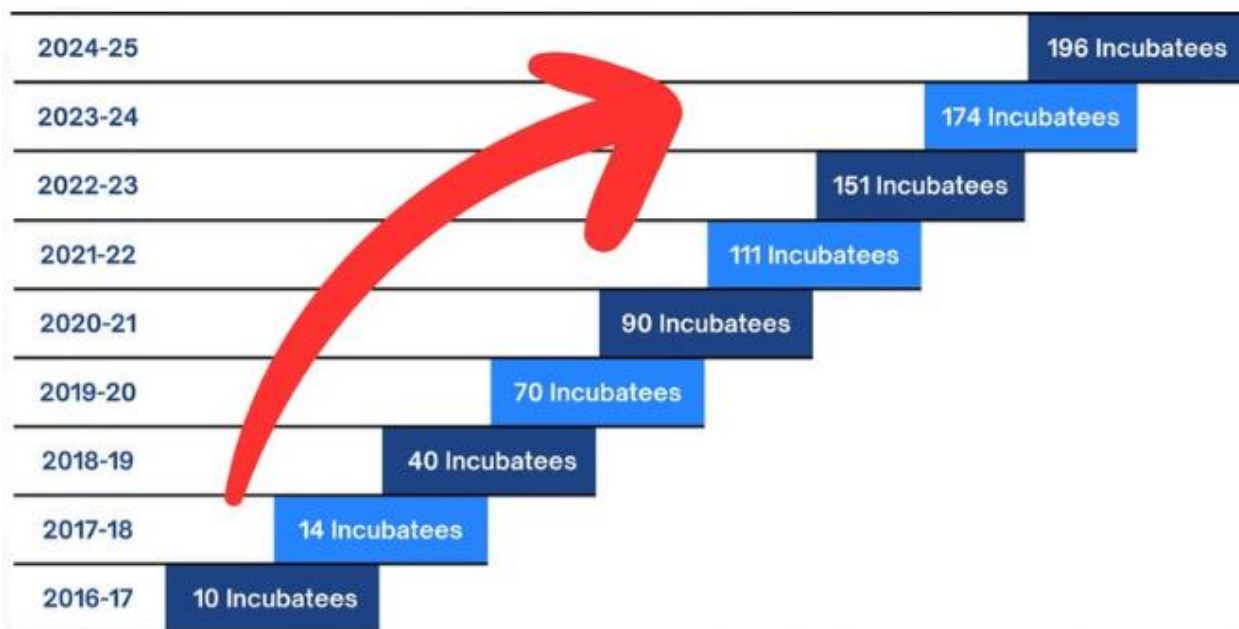
Sardar Patel Technology Business Incubator (SP-TBI) is an incubation center established in the year 2015 as an initiative of Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology and supported by the Department of Science and Technology (DST), Government of India (GOI).

It is set up to support start-ups and entrepreneurs, to help them in building science and technology-based ventures of the future. SP-TBI works as a catalyst by providing the start-ups & entrepreneurs state-of-the-art infrastructure, training & mentoring for technology development, business planning & business development, IPR & legal support, access to funding & a network of experts, etc.

We are affiliated with Bharatiya Vidya Bhavan, which is an organization that houses various colleges like SP Jain Institute of Management and Research (SPJIMR), Sardar Patel Institute of Technology (SPIT), Sardar Patel College of Engineering (SPCE), to name a few.

- Total Area: over 15,000 square feet
- Infrastructure Houses:
 - AR-VR & IoT Lab
 - Digital Studio
 - 32 Dedicated Rooms for Startups
 - 5 Meeting Rooms
 - 15 Seater co worker space
 - 1 conference room
 - Product Development Centre
 - DST Prayas Shala

SP-TBI has incubated **174** startups since its inception. Currently, **55** startups are incubated.



Above are the startups incubated year-wise. Till now SP-TBI has incubated 196 startups and supported over 220 Entrepreneurs. It has created over 2000 jobs through it's incubated companies and apart from this, SP-TBI has supported Students, Faculty, and even PwD startups.

Funding Initiatives:

SP-TBI has received sanctions of INR 20 Crore from two different Government of India departments for supporting startups financially.

1. NIDHI SSP

Under the umbrella of National Initiative for Developing and Harnessing Innovations (NIDHI), DST runs a Seed Support Programme. INR 10 Crore are sanctioned to SP-TBI under this programme. Startups can raise up to INR 1 Crore as seed investment under this initiative for commercialization of the technologies, product development, testing and certification, product trials etc.

Under this scheme, SP-TBI has received its first tranche of INR 2 Crore and has supported 7 startups with an equity/loan partnership.



DVDP Technologies



Avileen Academic Services



Immersive Engagement
Tech



Rama Lifescience



Rethynk Tech



Skinzy Software Solution



Zeuva Automotive

2. NIDHI PRAYAS

Under the umbrella of National Initiative for Developing and Harnessing Innovations (NIDHI), DST supports PRomoting and Accelerating Young and ASpiring Technology Entrepreneurs (PRAYAS) programme. SP-TBI under this programme will extend financial support of INR 5 Crore in form of grants over five years to 50+ innovators to convert their ideas into prototype. Each selected applicant receives up to INR 10 Lakh under this initiative.

Under this scheme, SP-TBI has been sanctioned **INR 5 Crore** for supporting applicants along with **INR 93 Lakhs** for setting up the DST PRAYAS SHALA (Prototyping Lab).

SP-TBI has supported **5 applicants** for prototype grants in this financial year and has supported **28 applicants** in total.



Madhura Jadhav



Arvind Kumar



Tarun Adarsh



Harshwardhan Singh



Kavita Prasad

Setting up of DST PRAYAS SHALA

With the support from **DST**, SP-TBI had successfully set up **DST PRAYAS SHALA**, a **3,500+ square feet area functional prototyping facility** where it houses equipment for creating prototypes and allowing startups and students to push boundaries and experiments. The lab has equipment which are divided into six segments:

- Electronic/Prototyping Facility
- Metalworking Facility
- Supply & Measuring Equipment
- Power Tools
- Hand Tools



3. Startup India Seed Fund Scheme (SISFS)

Department for Promotion of Industry and Internal Trade (DPIIT) supported Startup India Seed Fund Scheme (SISFS) has sanctioned INR 5 Crores to SP-TBI. Startups can avail up to INR 20 Lakh as grant for prototyping, validating proof-of-concept or product trials, and up to INR 50 Lakh as seed investment for business development from SP-TBI under this initiative.

Under this scheme, SP-TBI has supported 4 startups for Grant-in-Aid and 4 for Debenture in this financial year and has supported 19 startups in total; 10 under Debenture and 9 under Grant-in-Aid.

Startups supported under Debenture in FY 2024-2025



Startups supported under Grant-in-Aid in FY 2024-2025



Events and Activities Conducted

1. SPIT Annual Day

19th April 2023

SP-TBI was proud to sponsor the Best Hardware Project Award at the SPIT Annual. This annual event celebrates the achievements, efforts, and talents of students across various domains through multiple awards.

By sponsoring the Best Project Award with a cash prize of ₹10,000, SP-TBI aimed to motivate and inspire students to excel in their technical skills, pursue innovation, and contribute positively to society. The event witnessed the participation of faculty members and students, creating an encouraging environment that recognized outstanding academic and project-based accomplishments.

2. E-Waste Conclave 2024 - Promoting Sustainable Solutions

22nd April 2024

SP-TBI participated in the E-Waste Conclave 2024, organized by the IEEE Bombay Section at MCA Club, Bandra. The conclave aimed to foster international collaboration in addressing e-waste management and disposal challenges, promoting sustainable solutions.

Mr. Hardik Joshi, CEO of SP-TBI, was invited to deliver a presentation on entrepreneurship and share his insights on sustainable solutions. The event witnessed the participation of faculty members from various colleges, contributing to meaningful discussions on tackling e-waste challenges and promoting environmentally responsible practices.



3. SPJIMR's SYB Batch Session on Entrepreneurship*12th May 2024*

Mr. Nitish Mehta and Mr. Hardik Joshi from SP-TBI conducted an online session for the Start Your Business (SYB) batch at SPJIMR. The session focused on entrepreneurship and the support SP-TBI offers to startups.

The SYB programme is designed for aspiring entrepreneurs and early-stage startups, equipping them with the knowledge, skills, and mindset needed to build sustainable ventures. The session saw active participation from students, who gained valuable knowledge about the startup ecosystem, incubation support, and sustainable business practices.

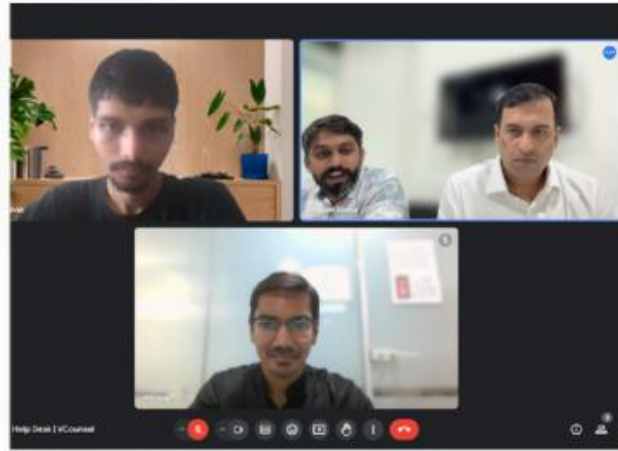
4. DBS Business Class foundED - Networking Event*24th May 2024*

SP-TBI participated in the DBS Business Class foundED event, curated by DBS Bank India in association with Headstart. This event provided a valuable platform for networking and collaboration with industry experts, entrepreneurs, and ecosystem enablers.

**5. One-Day Legal Help Desk by Mr. Hemant Kelkar***20th June 2024*

SP-TBI organized a one-day Legal Help Desk to provide personalized legal support to startups. The session was led by Mr. Hemant Kelkar, Founder & Principal Counsel at VCounsel Legal Services, who has 14+ years of experience in law, technology, and business operations.

The event offered one-on-one legal consultancy sessions of 30 minutes each, addressing specific legal queries of the participating startups. A total of 10 startups participated for the session, with a mix of online and in-person participation. The initiative proved highly valuable, equipping startups with practical legal insights and guidance on business compliance, contracts, and legal challenges.



6. SPJIMR GCPE - Startup Presentations

6th July 2024

Mr. Abhishek Gupta, Community Manager was invited as one of the judges to evaluate the startup pitch presentations by the GCPE batch students at SPJIMR. The Graduate Certificate Programme in Entrepreneurship (GCPE) is a fast-track programme designed for undergraduates and fresh graduates with an entrepreneurial mindset.

During the session, six groups presented their startup ideas, showcasing their business concepts, market strategies, six groups presented their startup ideas, showcasing their business concepts, market strategies, and growth potential. The event provided a platform for students to gain feedback from industry experts, helping them refine their ideas and strengthen their entrepreneurial journey

7. Race to Funds - Mumbai Edition

25th July 2024

SP-TBI was proud to sponsor the Best Hardware Project Award at the SPIT Annual. This annual event celebrates the achievements, efforts, and talents of students across various domains through multiple awards.

By sponsoring the Best Project Award with a cash prize of ₹10,000, SP-TBI aimed to motivate and inspire students to excel in their technical skills, pursue innovation, and contribute positively to society. The event witnessed the participation of faculty members and students, creating an encouraging environment that recognized outstanding academic and project-based accomplishments.

8. Ignite Series - Mentoring Presentation Sessions

During July to August 2024

From 30th July to 23rd August 2024, SP-TBI organized the Ignite Series, a multi-session initiative aimed at providing mentoring and strategic guidance to startups. The series featured virtual mentoring sessions covering various topics to help startups refine their business strategies and enhance sustainability during their prototype development stage.

The series concluded with a One-Day Presentation & Group Discussion held physically at SP-TBI on 23rd August 2024. The event featured Dr. Ganga S, Mr. Raj Raman, Mr. Vikrant Potnis, and Mr. Siddhartha Chandra as panellists for the presentations. Funded grantees and incubated startups showcased their ideas, progress, and challenges, receiving valuable feedback and expert insights.

Throughout the series, startups participated in key sessions covering:

- Unlocking the Entrepreneurial Mindset
- Refining Your Prototype
- IP Strategy

- Customer Acquisition Strategies: Securing Your First Clients
- Sources of Funding
- Legal Checklist for Early-Stage Startups
- Building Strong Teams
- Business Storytelling

The series fostered peer learning, collaboration, and networking with industry experts, providing startups with actionable strategies to strengthen their ventures.



9. Food Trial for Biokraft Foods

04th September 2024

SP-TBI incubatee, Biokraft Foods conducted a food trial at SP-TBI's first floor, offering 40+ samples of cultivated chicken burgers to participants. The objective was to gather feedback on various aspects of the cultivated chicken meat, developed using 3D bioprinting technology.

The trial aimed to evaluate taste, texture, and overall quality, providing valuable insights for further product refinement. The event saw the participation of SP-TBI startup founders and employees, who shared their feedback, contributing to the enhancement of Biokraft Foods' innovative product.



10. Garba Night Celebration

04th October 2024

SP-TBI hosted a Garba Night celebration exclusively for its incubated companies and their employees. The event provided a perfect opportunity for the startup community to unwind and enjoy the festive spirit with an evening filled with music, dance, and fun.

In addition to the Garba festivities, the event featured food and accessory stalls, offering employees a platform to showcase their products and services free of cost. This initiative encouraged entrepreneurial visibility and fostered collaboration within the incubator. The celebration witnessed enthusiastic participation, making it a memorable evening of culture, networking, and enjoyment.

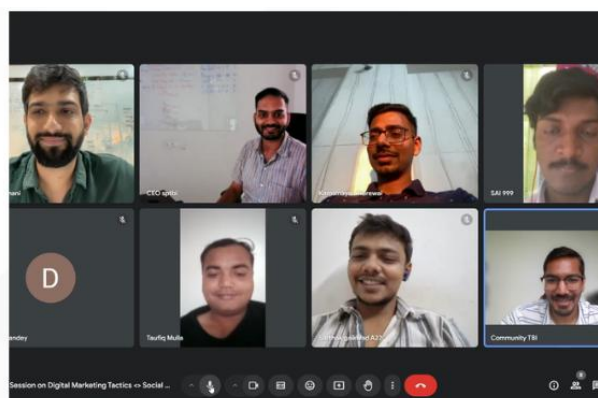
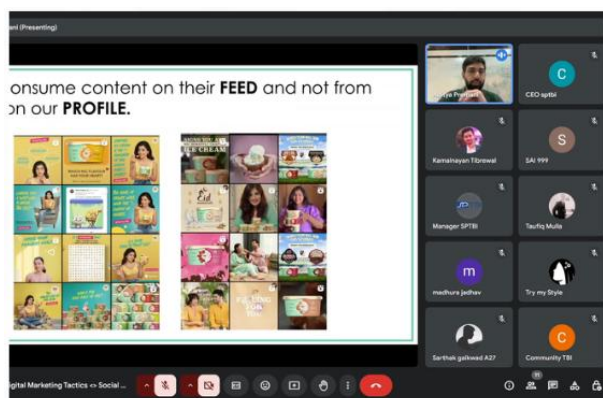


11. Session on Digital marketing tactics by Aditya Premani

29th October 2024

SP-TBI organized an online session on Digital Marketing Tactics for its incubated companies. The session was led by Mr. Aditya Premani, Co-founder & Head of Social at Social Pill, who shared valuable insights on leveraging digital platforms to expand reach and boost sales.

The session covered effective strategies, practical tips, and best practices for startups to enhance their online presence and drive customer engagement. The event provided participants with actionable takeaways to strengthen their digital marketing efforts and scale their businesses effectively.



12. Diwali Celebration

30th October 2024

SP-TBI hosted a Diwali celebration for its incubated companies, founders, and employees, bringing the startup community together for an afternoon of festivities, bonding, and fun. The event kicked off with a Rangoli-making activity, where participants collaborated to create a vibrant and colorful design, setting a festive tone.

The celebration featured a Talent Hunt, allowing startups to showcase their creative skills. Each startup nominated up to two participants to represent them, with performances ranging from dance, singing, comedy, and other talents. The event also included fun activities and games, fostering team bonding and camaraderie. The celebration, marked by traditional attire, creativity, and laughter, brought the SP-TBI community together, making it a memorable and joyous Diwali.



13. E-Waste Conclave 2024 – Promoting Sustainable Solutions

11th November 2024

SP-TBI participated in a session for SPJIMR Management students enrolled in the Entrepreneurship Minor course, coordinated by Dr. Vidhulla Venugopal. The session featured founders from two SP-TBI startups - Zoss Water and Liminal Media, recognized for their innovation and success. The startup CEOs shared their perspectives on the value of being incubated, highlighting how SP-TBI has supported their growth journey through mentorship, resources, and networking opportunities.

Additionally, Siddhartha Chandra, CEO of SP-TBI, provided insights from the incubator's perspective, discussing challenges, expectations, and opportunities for startups to effectively leverage incubation support. The session was attended by around 50 second-year MBA students, who gained practical insights into the dynamics of startup incubation, its impact, and the collaborative ecosystem that fosters entrepreneurial growth.

14. SPJIMR's Students Presentation Evaluation*17th November 2024*

SP-TBI participated in the SPJIMR Students Presentation Evaluation, where 11 teams pitched their business ideas. Each team was given 10 minutes to present their pitch, followed by a 10-minute Q&A session with the panel. Mr. Abhishek Gupta, Community Manager at SP-TBI, represented the incubator as a judge, alongside Mr. Varun Nagraj, Dean of SPJIMR.

The event provided students with a platform to showcase their entrepreneurial skills, receive valuable feedback, and refine their business concepts, enhancing their presentation abilities and startup acumen.

15. SPJIMR's SYB Batch Session on Entrepreneurship*15th December 2024*

Mr. Siddhartha Chandra from SP-TBI conducted an online session for the Start Your Business (SYB) batch at SPJIMR. The session focused on entrepreneurship and the support SP-TBI offers to startups. The SYB programme is designed for aspiring entrepreneurs and early-stage startups, equipping them with the knowledge, skills, and mindset needed to build sustainable ventures. The session saw active participation from students, who gained valuable knowledge about the startup ecosystem, incubation support, and sustainable business practices.

16. CSE Faculty Development Program (FDP), SPIT*13th December 2024*

SP-TBI delivered a session on Entrepreneurship and the role of SP-TBI during the One-Week ATAL Faculty Development Program (FDP) on “From Data to Impact: AI in Healthcare & Agriculture”, organized by the Department of Computer Science & Engineering, Sardar Patel Institute of Technology, from 9th–14th December 2024. The session was conducted physically on 13th December 2024.

The talk was attended by students, faculty members, entrepreneurs, and industry professionals, offering them insights into entrepreneurial opportunities, innovation, and the support ecosystem provided by SP-TBI. The interaction complemented the FDP theme by encouraging participants to explore how entrepreneurial initiatives and incubation support can accelerate the adoption of AI-driven solutions in critical sectors like healthcare and agriculture.

17. Session on Inside the Investor's Mind

24th December 2024

SP-TBI organized an insightful session on “Inside the Investor’s Mind: Early Stage Startup Perspectives” on 24th December 2024. The session was conducted online and saw participation from around 15 startups.

The session was led by Mr. Vikrant Potnis, Founder of FundEnable, who shared valuable insights into the mindset and expectations of investors when evaluating early-stage startups. Startups gained practical knowledge on fundraising strategies, investor relations, and key factors that enhance investment readiness.



18. Zoho for Startups Webinar

7th January 2025

SP-TBI partnered with Zoho for Startups to share an online webinar held on 7th January 2025, aimed at helping entrepreneurs make smarter technology decisions and leverage scalable tools for growth. The event was open to all startups, with SP- TBI incubated companies actively participating.

The session covered strategies for growing businesses using Zoho applications, accessing Zoho wallet credits, adopting cost-effective solutions, and understanding the importance of data security and privacy. A dedicated Q&A segment further allowed participants to clarify queries and explore how Zoho tools can support their entrepreneurial journey. The webinar provided startups with actionable insights and resources to strengthen their operational efficiency and scale effectively.

19. Panel Discussion on Classroom to Boardroom*11th January 2025*

Mr. Siddhartha Chandra participated as a panelist in the “Classroom to Boardroom” panel discussion, held physically at WeWork Enam, BKC. The event featured three panelists and one moderator, with around 15 attendees including students, early-stage entrepreneurs, and industry professionals.

Mr. Chandra shared his insights on the journey from academic learning to business leadership, highlighting how incubators like SP-TBI bridge the gap between classroom theory and real-world entrepreneurship. The discussion inspired attendees to think about how to translate academic projects into scalable ventures, and emphasized the importance of mentorship, resource access, and mindset in that transition.

20. SP-TBI at SPJIMR LiFE Pitching Event*17th January 2025*

Mr. Siddhartha Chandra was invited as a judge for the pitching event of the Ladies in Family Enterprise (LiFE) programme, organized physically at SPJIMR. The event featured around 12 women entrepreneurs, who presented their business ideas as part of the course evaluation. The LiFE programme, offered by the SPJIMR Centre for Family Business & Entrepreneurship, is a short-term management programme designed to empower women from business families. It supports participants in developing entrepreneurial skills and exploring leadership roles, regardless of their current involvement in the family business.

Mr. Chandra, along with the panel of judges, provided valuable feedback and guidance, encouraging participants to refine their ideas and explore practical pathways to take their ventures forward. The event created a supportive platform for women entrepreneurs to gain confidence, enhance their entrepreneurial acumen, and network with industry experts.



21. Cresndo 2025 – Startup Sports Day

17th & 18th January 2025

SP-TBI hosted Cresndo 2025, an exciting sports event for its incubated startups at Bhavan's Campus. The event provided a platform for startups to showcase their athletic skills, build camaraderie, and foster team spirit. Participants competed in a variety of games, including:

- Box Cricket
- Volleyball
- Dodge Ball
- Table Tennis
- Carrom
- Chess

The event featured a leaderboard system, where winners and runner-ups for each game were awarded points. The team with the highest cumulative score was crowned the Ultimate Winner of Cresndo, receiving exciting prizes. Teams were randomly formed and the event fostered collaboration, networking, and fun, making it a memorable and spirited celebration for the startup community.



22. Cosmic Quest 2025*17th February 2025*

Mr. Siddhartha Chandra was invited as a distinguished judge for Cosmic Quest 2025 – The Business and Aerospace Case Study Competition, organized by Sardar Patel Institute of Technology (SPIT) in association with IEEE AESS. The competition featured 20 teams and participants presented innovative solutions addressing challenges at the intersection of business and aerospace, followed by interactive Q&A sessions with the judges.

Mr. Chandra, along with the judging panel, assessed the teams on innovation, feasibility, and strategic thinking, providing valuable feedback to help refine their ideas. The event successfully fostered creativity, problem-solving, and cross-disciplinary collaboration among aspiring innovators.

23. APEX Symposium 2025*18th & 19th February 2025*

SP-TBI, in collaboration with NISP S.P.I.T, organized the APEX Symposium, a two-day conference held physically at Sardar Patel Institute of Technology, Andheri on 18th & 19th February 2025. The event was open to students, founders, teachers, and the wider startup community, creating a vibrant platform for knowledge sharing and networking.

Speaker Sessions & Highlights:

- Enterprise Architecture & Entrepreneurship – by Dr. Padmaja Joshi, Senior Director, CDAC
- Entrepreneurship Culture Workshop (for Teachers) – by Dr. Aarti Karande, Professor, SPIT
- Seminar on IPR (for Startups) – by Mr. Parvez Kudrolli, Principal Associate, Khurana & Khurana
- Unlocking Innovation: A FinTech Conversation (Panel Discussion)
 - Moderator: Dr. Ganga S, Mentor-in-Residence, SINE
 - Panelists: Mr. Parthesh Shah (Co-Founder, Knight Fintech), Mr. Sandeep Chandalia (Co-Founder, Transpure), Mr. Devansh Lakhani (Angel Investor & Director, LFS)
- Keynote Address – by Mr. Champ Alreja, Co-Founder, GOQii
- Legal Compliance for Startup Ecosystem – by Mr. Abhishek Barari, Partner, Zeus

- Advisors
- Keynote Address – by Mr. Nilesch Dungarwal, CEO, WorkIndia
- Keynote Address – by Mr. Mitesh Jain, Co-Founder & CTO, Symbo
- Beyond the Pitch: Funding Opportunities Explored – by Mr. Prasad Shetty, VP
- Portfolio & Opportunities, SINE
- Behind the Canvas: Fireside Chat – by Ms. Alina Namazi, Influencer

The symposium also included student case study competitions, a 1-minute startup pitching session, cultural programs, and networking opportunities. It successfully fostered collaboration among entrepreneurs, mentors, investors, and students, while offering actionable insights on entrepreneurship, compliance, funding, and innovation.



24. IETE SPIT Case Buster Competition

20th February 2025

Mr. Abhishek Gupta was invited as a judge for the Final Round of the Case Buster Competition, organized by IETE-SPIT at Sardar Patel Institute of Technology. The event was held physically and featured the top 10 teams presenting their innovative solutions for a company.

Mr. Gupta, along with co-judge Mr. Elroy Gonsalves, evaluated the teams on parameters such as strategic thinking, solution, feasibility, and potential impact. The event provided students with a

platform to apply problem-solving skills, showcase innovative ideas, and gain constructive feedback from industry professionals.

25. SPCE Alumni Speaks Program

20th March 2025

SP-TBI, in collaboration with the SPCE team, facilitated the Alumni Speaks Program held physically at SPCE for students and faculty members. The session featured Mr. Jagrut Savani and Mr. Ram Savani, CEOs of Savani Heritage Company, who shared their entrepreneurial journey and experiences, including their recent achievement of securing a ₹3 Crore investment on Shark Tank India from Mr. Ritesh Agarwal, Founder of OYO.

The program was moderated by Mr. Shreyans Upadhye, Founder of Elemantra Projects, an SP-TBI incubated startup and proud alumnus of SPCE. The discussion provided students with valuable insights into the realities of entrepreneurship, fundraising strategies, and navigating the startup ecosystem, while also inspiring them through alumni success stories

26. Incubation Visits

Throughout the year, SP-TBI welcomed students from various colleges for incubation visits. These visits provided students with the opportunity to explore our state-of-the-art facilities and following the facility tour, an orientation session was conducted to familiarize students with the range of services and resources offered by our center.

Additionally, the session highlighted various funding opportunities available to aspiring entrepreneurs. These visits served as invaluable opportunities for students to gain exposure to the entrepreneurial ecosystem and explore potential avenues for their own ventures.



11. Research and Development Activities

Bharatiya Vidya Bhavan's S.P.I.T. emphasises research as a vital component of academic pursuits, urging undergraduates to engage in innovative research in the emerging fields. The institution offers Postgraduate and Ph.D. programs dedicated to fostering a research-centric culture. The Research and Development (R&D) Cell oversees these initiatives, coordinating various research projects and consultancy efforts across different departments. The scope of research activities spans academic and funded projects, along with patents in the Faculty of Engineering and Technology.

11.1 Sponsored Research Projects

Sr. No.	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Amount Received (In Rupees)
1.	SPTBI	Government of India, Department of Science and Technology	Establishment of PRAYAS centre	80,00,000

11.2 Ph.D. Thesis Defended (07)

- Ms. Manisha Ravindra Bansode defended Thesis titled 'Design of compact electromagnetic band gap structures for high speed signaling'
- Ms. Payal Hitesh Shah defended Thesis titled 'Modeling and design of silicon neurons and synapse for neuromorphic chip implementation'
- Mr. Dayanand Ambawade defended Thesis titled 'Study of Event Correlation Analysis Techniques for Network Security'
- Mr. Pramod Jannaath Bide Defended Thesis titled 'Social network user behavior analytics for manmade disaster'
- Ms. Masooda Modak defended Thesis titled 'Detection of Learning Disability using Learning Analytics'
- Mr. Jignesh Amarsingh Sisodia defended Thesis titled 'Video analytics for monitoring of activities of elderly people to detect neurodegenerative disease Parkinson'

11.3 Ph.D. Thesis Submitted (04)

- Ms. Aparatjita Bera submitted Thesis titled ‘Power Integrity Analysis and Design for High-Speed PCB’
- Ms. Jeenal Mulchand Rambhia submitted Thesis titled ‘Brain Signal Analysis, Classification and prediction for Imagined Gestures’
- Ms. Karishma Sachin Raut submitted Thesis titled ‘Temporal Dynamics based Real world Multimodal Affect Recognition’
- Ms. Prachi Harshal Dalvi submitted Thesis titled ‘Multi-Attribute Deep CNN-based Approach for Detecting Medicinal Plants and its use for Skin Diseases’

12. Library

SPIT library is a knowledge resource center, which has an invaluable resource for the students and faculty members in the area of Engineering and Technology. It is providing effective information services to the users within a shortest possible time using SLIM library management software.

12.1 Introduction

Library has a collection of more than 25000+ books and 8000+ e-books. Library has subscribed to National and International periodicals along with online journals like IEEE ASPP + POP All and ACM Digital Library. It is a member of National Digital Library. E-books are available with multi-user, IP-based 24/7 access, with no restrictions on the number of downloads, and remote access is provided for convenience.

SPIT library maintains Institution Repository with open-source software: DSpace having Institution events, reports, institutional magazines, faculty publication, academic rules, question papers, syllabus etc. Library provides Book Bank facility to students. SPIT Library is open to other academic users for reference.

The library is Wi-Fi enabled and features an Internet Center for additional research and study support.

Objectives of the Library

- To develop an enriched collection of books and other resources to the students and staff of SPIT.
- To implement new technologies learnt for betterment of our library services.
- To see institute library as the front runner in implementing the new information and communication technologies

Working Hours

Library Timings: 8.00 A.M. TO 7.30 P.M.

After Library hours students can sit in room 003.

SPIT Library Committee

Name	Position
Dr. Sudhir Dhage	Library In-charge
Shri Abhijit Salunke	Member
Shri. Suhas Kakade	Member
Smt. Sakina Salmani	Member
Shri. Sunil Ghane	Member
Smt. Payal Shah	Member
Dr. Amol Deshpande	Member
Smt. Ananthlaxmi V.	Member
Smt. Meghana Naik	Member
Smt. Aditi Gaikwad	Member

Library Users:

Total Number of Users	- 2572
Students	- 2400
Teaching	- 100
Non-Teaching	- 72

12.2 Library Title Volume Data

Course	No. of volumes	No. of Titles	National Journals	International Journals	E-Journals
B.Tech. COMP	5597	1414	14	46	46
B.Tech. CSE	4809	1231	11	46	46
B.Tech. EXTC	5392	1467	12	46	46
MCA	4487	1076	14	46	46
M.Tech. EXTC	2375	771	06	46	46
M.Tech. COMP	2267	858	06	46	46

12.3 E Resources

Wiley E-Books	21 Titles - IP Based	http://onlinelibrary.wiley.com
Springer E-Books	8000+ titles - IP Based	http://link.springer.com
IEEE ASPP + POP Online	IEEE Journals, Transactions and Conference Proceeding - IP Based	http://ieeexplore.ieee.org
ACM Digital Library	ACM Journals, Transactions, Conference Proceeding - Login Based	http://dl.acm.org/
NPTEL	E-Learning through online web and Video Courses – Free by MHRD	http://nptel.ac.in/
Shodhganga	a reservoir of Indian theses submitted to universities in India - Free by INFLIBNET	https://shodhganga.inflibnet.ac.in
National Digital Library (NDL)	Pilot project of Virtual repository of learning resources – Free by MHRD	https://ndl.iitkgp.ac.in/
DSpace Institutional Repository	S.P.I.T. Institutional Repository (Remote Access)	http://dspace.spit.ac.in/xmlui/handle/123456789/6 username - spit pw - DSpace
Online Public Access Catalogue (OPAC)	Bibliographic Details of the Library Materials (Available on Intranet)	http://spitlib/w27/
Turnitin	Plagiarism Software – Login Based	https://in.turnitin.com/
DELNET	Major resource sharing library Network in India	https://delnet.in/index.html

12.4 National Journals List (Hard Copy)

Sr. No.	Journal Title	Publisher
1	Artificial Intelligent Systems & Machine Learning	Coimbatore Institute of Information Technology
2	Automation & Autonomous Systems	Coimbatore Institute of Information Technology
3	Bhavan's Journal	Bhartiya Vidya Bhavan's
4	Computational Intelligence and Machine Learning	Enriched Publications
5	Current Development in Artificial Intelligence	Research India Publications
6	Current Science	Current Science Association
7	Data Mining and Knowledge Engineering	Coimbatore Institute of Information Technology
8	Decision	Springer Nature India Pvt Ltd.

Sr. No.	Journal Title	Publisher
9	Defense Science Journal	Defense Scientific Information and Documentation Centre
10	Digital Image Processing	Coimbatore Institute of Information Technology
11	Digital Signal Processing	Coimbatore Institute of Information Technology
12	Digital Signal Processing & Artificial Intelligence for Automatic Learning	Digital Information Research Foundation, Chennai
13	Finance India	Indian Institute of Finance
14	Fuzzy Systems	Coimbatore Institute of Information Technology
15	ICTACT Journal on Communication Technology	ICT Academy of Tamil Nadu, Chennai
16	ICTACT Journal on Image and Video Processing	ICT Academy of Tamil Nadu, Chennai
17	ICTACT Journal on Micro electronics	ICT Academy of Tamil Nadu, Chennai
18	ICTACT Journal on Soft Computing	ICT Academy of Tamil Nadu, Chennai
19	IETE Journal of Education	Institution of Electronics and Telecommunication Engineering, New Delhi
20	IETE Journal of Research	Institution of Electronics and Telecommunication Engineering, New Delhi
21	IETE Technical Review	Institution of Electronics and Telecommunication Engineering, New Delhi
22	Indian Journal of Applied Artificial Intelligence in Engineering System	Serials Publications
23	Indian Journal of Advanced Communication Engineering	Academic Research Journal
24	Indian Journal of Pure & Applied Physics	CSIR-National Institute of Science Communication and Information Resources, New Delhi
25	Indian Journal of software Business Management	Academic Research Journal
26	Informing Science: The International Journal of an Emerging Transdiscipline	Enriched Publications
27	International Journal of Distributed and Cloud Computing	Publishing India Group
28	International Journal of Knowledge Based Computer System	Publishing India Group
29	International Journal of Technology	A & V Publications

Sr. No.	Journal Title	Publisher
30	International Journal of Web Applications	Digital Information Research Foundation, Chennai
31	Inventi Impact: Artificial Intelligence	Inventi Journals
32	Inventi Impact: Software Engineering	Inventi Journals
33	Journal of Applied Computer Science & Mathematics	Pub Capo International
34	Journal of Cloud Computing Data Science	Pub Capo International
35	Journal of Computer Science	Karpagam
36	Journal of Current Development in Artificial Intelligence	Enriched Publication
37	Journal of Data Processing	Digital Information Research Foundation, Chennai
38	Journal of Digital Information Management	Digital Information Research Foundation, Chennai
39	Journal of Engineering Education Transformations	K.E. Society's Rajarambapu Institute of Technology
40	Journal of Environmental Science Research	Research Science Press
41	Journal of Information Security Research	Digital Information Research Foundation, Chennai
42	Journal of Institution of Engineers (India) - Series B	Springer (India), New Delhi
43	Journal of Intelligent Computing	Digital Information Research Foundation, Chennai
44	Journal of Network and Information Security	Publishing India Group
45	Journal of Networking Technology	Digital Information Research Foundation, Chennai
46	Journal of Progress in Electronics and Telecommunication	Imperial Publications
47	Journal of Research in Robotics, Networking and Artificial Intelligence	Pub Capo International
48	Journal of Scientific and Industrial Research	Council of Scientific and Industrial Research, New Delhi
49	Journal of Scientific and Technical Research	Publishing India Group
50	Journal of the Indian Mathematical Society	Indian Mathematical Society
51	Journal of the Ramanujan Mathematical Society	Ramanujan Mathematical Society

Sr. No.	Journal Title	Publisher
52	Journal on Computer Science	i-Manager Publication, Tamilnadu
53	Journal on Electronics Engineering	i-Manager Publication, Tamilnadu
54	Journal on Power Systems Engineering	i-Manager Publication, Tamilnadu
55	Journal on Software Engineering	i-Manager Publication, Tamilnadu
56	Networking and Communication Engineering	Coimbatore Institute of Information Technology
57	Programmable Device Circuits & Systems	Coimbatore Institute of Information Technology
58	Research Journal of Engineering & Technology	A & V Publications
59	Resonance – Journal of Science Education	Indian Academy of Sciences
60	Science and Culture	Indian Science News Association
61	Signals & Telecommunication Journal	Digital Information Research Foundation, Chennai
62	Software Engineering & Technology	Coimbatore Institute of Information Technology
63	Wireless Communication	Coimbatore Institute of Information Technology

12.5 Magazines (hard copy) Subscribed

Sr. No.	Title	Publisher	Frequency
1	Competition Affairs	Balvinder Singh Chawla, Chandigarh	Monthly
2	Competition Success Review	Competition Review Pvt. Ltd	Monthly
3	Dataquest	Cyber Media (India) Ltd, New Delhi	Fortnightly
4	Digit	9.9 Interactive Pvt. Ltd.	Monthly
5	Digital Learning	EletsTechnomedia Pvt. Ltd.,	Monthly
6	Electronics For You	EFY Enterprises Pvt. Ltd., New Delhi	Monthly
7	India Today (English)	WECARE	Monthly
8	In Quest Of Bharateeya Shikshan	Maharashtra Bharateeya Shishan Mandal Prakshan Vibhag, Kandivali, Mumbai - 400092	Quarterly
9	Open Source For You	EFY Enterprises Pvt. Ltd., New Delhi	Monthly
10	Outlook	Outlook Publishing (India) Pvt. Ltd., New Delhi	Weekly
11	PC Quest	CyberMedia (India) Ltd.	Monthly
12	Reader's Digest	Living Media India Limited, Delhi	Monthly

13	Safe and Secure (LifeTime)	Vision Media Hitech Pvt Ltd	Monthly
14	Time	Time Asia,	Weekly
15	University News	Association of Indian Universities (177)	Monthly
16	Week	Manorama Press, Kottayam	Weekly
17	Yojana	Journal Unit, publication Division	Monthly

12.6 IEEE All Society Periodicals Package + IEEE Proceedings Order Plans (ASPP+POP)

IEEE ASPP Online combines high-quality technical literature with the power of online searching, including:

- 199 IEEE online society-sponsored journals, transactions, and magazines included in IEEE ASPP
- Peer-reviewed publications, concentrating on theoretical and experimental papers
- Quality magazines focusing on practical applications in research, design, and specification
- More than 300,000 documents, many of them available in HTML as well as the original PDF format
- Complimentary access to content from Nokia's Bell Labs Technical Journal
- The most highly-cited journals in the field
- Approximately 6 million abstract records
- Backfile to 2010
- Robust search tools with a user-friendly interface
- Daily updates—hundreds of papers added each week
- Abstract/citation and bibliographic records for subscribed content
- Title lists with persistent links and new periodical titles: www.ieee.org/kbart
- Online access to articles accepted for future print publication

12.7 List of IEEE Transaction

List of IEEE Transaction

Sr. No.	Title
1	Advanced Packaging, IEEE Trans. on*
2	Aerospace and Electronic Systems, IEEE Trans. on* (T-AES)
3	Affective Computing, IEEE Trans. on* (T-AFFC)
4	AgriFood Electronics, IEEE Trans. On*
5	Antennas and Propagation, IEEE Trans. on (T-AP)
6	Applied Superconductivity, IEEE Trans. on (T-ASC)
7	Artificial Intelligence IEEE Trans. on*
8	Audio, Speech and Language Processing, IEEE/ACM Trans. on (T-ASL)
9	Automatic Control, IEEE Trans. on (T-AC)
10	Automation Science and Engineering, IEEE Trans. on (T-ASE)
11	Big Data, IEEE Trans. on* (T-BD)
12	Biomedical Circuits and Systems, IEEE Trans. on (T-BCAS)
13	Biomedical Engineering, IEEE Trans. on (T-BME)
14	IEEE Transactions on Biometrics, Behavior, and Identity Science
15	Broadcasting, IEEE Trans. on (T-BC)
16	Circuits and Systems for Video Technology, IEEE Trans. on (T-CSVT)
17	Circuits and Systems Part I: Regular Papers, IEEE Trans. on (T-CAS1)
18	Circuits and Systems Part II: Express Briefs, IEEE Trans. on (T-CAS2)
19	Cloud Computing, IEEE Trans. on (T-CC)
20	Cognitive Communications and Networking, IEEE Trans. on* (T-CCN)
21	Cognitive and Development Systems, IEEE Trans on (T-CDS)
22	Communications, IEEE Trans. on (T-COMM)
23	Components, Packaging and Manufacturing Technology, IEEE Trans. on (T-CPMT)
24	Computational Biology and Bioinformatics, IEEE/ACM Trans. on (T-CBB)
25	Computational Imaging, IEEE Trans. on* (T-CI)
26	Computational Intelligence and AI in Games, IEEE Trans. on* (T-CI)
27	Computational Social Systems, IEEE Trans. on* (T-CSS)
28	Computer-Aided Design of Integrated Circuits and Systems, IEEE Trans. on (T-CAD)
29	Computers, IEEE Trans. On (T-C)
30	Consumer Electronics, IEEE Trans. on (T-CE)
31	Control of Network Systems, IEEE Trans. on* (T-CNS)

32	Control Systems Technology, IEEE Trans. on (T-CST)
33	Cybernetics, IEEE Trans. on (T-CYB)
34	Dependable and Secure Computing, IEEE Trans. on* (T-DSC)
35	Device and Materials Reliability, IEEE Trans. on (T-DMR)
36	Dielectrics and Electrical Insulation, IEEE Trans. on (T-DEI)
37	Education, IEEE Trans. on (T-E)
38	Electromagnetic Compatibility, IEEE Trans. on (T-EMC)
39	Electron Devices, IEEE Trans. on (T-ED)
40	Electronics Packaging Manufacturing, IEEE Trans. on
41	Emerging Topics in Computational Intelligence, IEEE Trans. on
42	Emerging Topics in Computing, IEEE Trans. On (T-ETC)
43	Energy Conversion, IEEE Trans. on (T-EC)
44	Engineering Management, IEEE Trans. on (T-EM)
45	Evolutionary Computation, IEEE Trans. on (T-EVC)
46	Fuzzy Systems, IEEE Trans. on (T-FUZZ)
47	Games, IEEE Trans. On (T-G)
48	Geoscience and Remote Sensing, IEEE Trans. on (T-GRS)
49	Green Communications and Networking Trans. On (T-GCN)
50	Haptics, IEEE Trans. on (T-H)
51	Human-Machine Systems, IEEE Trans. on (T-HMS)
52	Image Processing, IEEE Trans. on (T-IP)
53	Industrial Cyber-Physical Systems, IEEE Trans.on
54	Industrial Electronics, IEEE Trans. on (T-IE)
55	Industrial Informatics, IEEE Trans. on (T-IINF)
56	Industry Applications, IEEE Trans. on (T-IA)
57	Information Forensics and Security, IEEE Trans. On (T-IFS)
58	Information Technology in Biomedicine, IEEE Trans. on
59	Information Theory, IEEE Trans. on (T-IT)
60	Instrumentation and Measurement, IEEE Trans. on (T-IM)
61	Intelligent Transportation Systems, IEEE Trans. on (T-ITS)
62	Intelligent Vehicles, IEEE Trans. On (T-IV)
63	Knowledge and Data Engineering, IEEE Trans. on (T-KDE)
64	Learning Technologies, IEEE Trans. on* (T-LT)
65	Machine Learning in Communications Networking, IEEE Trans. on

66	Magnetics, IEEE Trans. on (T-MAG)
67	Materials for Electron Devices, IEEE Trans. on
68	Mechatronics, IEEE/ASME Trans. on (T-MECH)
69	Medical Imaging, IEEE Trans. on (T-MI)
70	IEEE Transactions on Medical Robotics and Bionics
71	Microwave Theory and Techniques, IEEE Trans. on (T-MTT)
72	Mobile Computing, IEEE Trans. on* (T-MC)
73	Molecular, Biological, and Multi-Scale Communications, IEEE Trans. on*(T-MBMSC)
74	Multi-Scale Computing Systems, IEEE Trans. On
75	Multimedia, IEEE Trans. On (T-MM)
76	NanoBioscience, IEEE Trans. on (T-NB)
77	Nanotechnology, IEEE Trans. on (T-NANO)
78	Network and Service Management, IEEE Trans. on (T-NSM)
79	Network Science and Engineering, IEEE Trans. on* (T-NSE)
80	Networking, IEEE/ACM Trans. on (T-NET)
81	Neural Networks, IEEE Trans. On
82	Neural Networks and Learning Systems, IEEE Trans. on (T-NNLS)
83	Nuclear Science, IEEE Trans. on (T-NS)
84	Parallel and Distribut*6-* Systems, IEEE Trans. on* (T-PDS)
85	Pattern Analysis and Machine Intelligence, IEEE Trans. on (T-PAMI)
86	Plasma Science, IEEE Trans. on (T-PS)
87	Power Delivery, IEEE Trans. on (T-PWRD)
88	Power Electronics, IEEE Trans. on (T-PEL)
89	Power Systems, IEEE Trans. on (T-PWRS)
90	Professional Communication, IEEE Trans. on (T-PC)
91	Radar Systems, IEEE Trans. on
92	Radiation and Plasma Medical Sciences, IEEE Trans. On (T-RPMS)
93	Reliability, IEEE Trans. on (T-R)
94	Robotics, IEEE Trans. on (T-RO)
95	Semiconductor Manufacturing, IEEE Trans. on (T-SCM)

96	Services Computing, IEEE Trans. On* (T-SC)
97	Signal and Information Processing over Networks, IEEE Trans. on* (T-SIPN)
98	Signal and Power Integrity, IEEE Trans. On
99	Signal Processing on Signal and Information Processing Over Networks, IEEE Trans.on
100	Signal Processing, IEEE Trans. on (T-SP)
101	Smart Grid, IEEE Trans. on (T-SG)
102	Software Engineering, IEEE Trans. on (T-SE)
103	Sustainable Computing, IEEE Trans. On (T-SUSC)
104	Sustainable Energy, IEEE Trans. On (T-STE)
105	Systems, Man, and Cybernetics, Systems, IEEE Trans. on (T-SMC)
106	Technology and Society, IEEE Trans. onh
107	Terahertz Science and Technology, IEEE Trans. on (T-Thz)
108	Transportation Electrification, IEEE Trans. on* (T-TE)
109	Ultrasonics, Ferroelectrics and Frequency Control, IEEE Trans. on (T-UFFC)
110	Vehicular Technology, IEEE Trans. on (T-VT)
111	Very Large Scale Integration Systems, IEEE Trans. on (T-VLSI)
112	Visualization and Computer Graphics, IEEE Trans. on* (T-VCG)
113	Wireless Communications, IEEE Trans. on (T-WC)

12.8 List of IEEE Magazine

Sr. No.	Title
1	IEEE Aerospace and Electronic Systems Magazine (M-AES)
2	IEEE Annals of the History of Computing (M-AHC)
3	IEEE Antennas and Propagation Magazine (M-AP)
4	IEEE BITS the Information Theory Magazine
5	China Communications Magazine (M-CHINA)
6	IEEE Circuits and Systems Magazine (M-CAS)
7	IEEE Cloud Computing
8	IEEE Communications Magazine (M-COMM)
9	IEEE Communications Standard Magazine (M-COMSTD)

10	IEEE Computational Intelligence Magazine (M-CI)
11	IEEE Computer Graphics and Applications Magazine (M-CG&A)
12	Computer Magazine (M-C)
13	Computing in Science and Engineering Magazine (CiSE)
14	IEEE Consumer Electronics Magazine (M-CE)
15	IEEE Control Systems Magazine (M-CS)
16	IEEE Design and Test Magazine (M-D&T)
17	IEEE Electrical Insulation Magazine (M-EI)
18	IEEE Electrification Magazine (E-M)
19	IEEE Electromagnetic Compatibility Magazine (M-EMC)
20	IEEE Electron Devices Magazine
21	IEEE Engineering in Medicine and Biology Magazine
22	IEEE Geoscience and Remote Sensing Magazine* (M-GRS)
23	IEEE Industrial Electronics Magazine (M-IE)
24	IEEE Industry Applications Magazine (M-IA)
25	IEEE Instrumentation and Measurement Magazine (M-IM)
26	IEEE Intelligent Systems Magazine (M-IS)
27	IEEE Intelligent Transportation Systems Magazine (M-ITS)
28	IEEE Internet Computing Magazine (M-IC)
29	IEEE Internet of Things Magazine
30	IT Professional Magazine (M-ITPRO)
31	IEEE Micro Magazine (M-MICRO)
32	IEEE Microwave Magazine (M-MW)
33	IEEE MultiMedia Magazine (M-MULTI)
34	IEEE Nanotechnology Magazine (M-NANO)
35	IEEE Network: The Magazine of Global Internetworking (M-NET)
36	IEEE Pervasive Computing Magazine (M-PVC)
37	IEEE Power Electronics Magazine (M-PEL)
38	IEEE Power & Energy Magazine (M-P&E)
39	IEEE Pulse: A Magazine of the IEEE Engineering in Medicine and Biology Society (M-PULSE)
40	IEEE Robotics and Automation Magazine (M-RA)
41	IEEE Security & Privacy Magazine (M-S&P)

42	IEEE Signal Processing Magazine (M-SP)
43	IEEE Software Magazine (M-SOFT)
44	IEEE Solid-State Circuits Magazine (M-SSC)
45	IEEE Systems, Man, and Cybernetics Magazine* (M-SMC)
46	IEEE Technology and Society Magazine (M-T&S)
47	IEEE Technology Policy and Ethics
48	IEEE Vehicular Technology Magazine (M-VT)
49	IEEE Wireless Communications Magazine (M-WC)

12.9 List of IEEE Journal

Sr. No.	Title
1	Automatica Sinica, IEEE/CAA Journal of (J-AS)
2	Bell Labs Technical Journal
3	Biomedical and Health Informatics, IEEE Journal of (J-BHI)
4	Display Technology Journal
5	IEEE Canadian Journal of Electrical and Computer Engineering
6	Electromagnetics, RF and Microwaves in Medicine and Biology, IEEE Journal of (J-ERM)
7	Emerging and Selected Topics in Circuits and Systems, IEEE Journal on
8	Emerging and Selected Topics in Industrial Electronics, IEEE Journal on
9	Emerging and Selected Topics in Power Electronics, IEEE Journal of (J-ESTPE)
10	IEEE Journal on Flexible Electronics
11	IEEE Internet of Things Journal* (J-IOT)
12	IEEE Journal of Indoor and Seamless Positioning and Navigation
13	Lightwave Technology, Journal of (J-LT)
14	Microelectromechanical Systems, Journal of (J-MEMS)
15	IEEE Journal on Miniaturization for Air and Space Systems
16	Multiscale and Multiphysics Computational Techniques, IEEE Journal on (J-MMCT)
17	Oceanic Engineering, IEEE Journal of (J-OE)
18	Optical Communications and Networking Journal
19	IEEE Photonics Journal
20	IEEE Journal of Photovoltaics
21	IEEE Journal on Selected Areas in Communications

22	IEEE Journal on Selected Areas in Information Theory
23	IEEE Journal of Selected Topics in Quantum Electronics
24	Quantum Electronics, IEEE Journal of (J-STQE)
25	IEEE Journal of Radio Frequency Identification
26	IEEE Journal of Selected Topics in Signal Processing
27	IEEE Sensors Journal (J-SEN)
28	Solid-State Circuits, IEEE Journal of (J-SSC)
29	IEEE Systems Journal (J-SYS)

12.10 List of IEEE Letters

Sr. No.	Title
1	IEEE Antennas and Wireless Propagation Letters (L-AWP)
2	IEEE Communications Letters (L-COMM)
3	IEEE Computer Architecture Letters (L-CA)
4	IEEE Letters of the Computer Society (L-OCS)
5	IEEE Control Systems Letters (L-CSS)
6	IEEE Letters on Electromagnetic Compatibility Practice and Applications
7	IEEE Electron Device Letters (L-ED)
8	IEEE Embedded Systems Letters (L-ES)
9	IEEE Geoscience and Remote Sensing Letters (L-GRS)
10	IEEE Magnetics Letters (L-MAG)
11	IEEE Microwave and Wireless Components Letters (L-MWC)
12	IEEE Microwave and Wireless Technology Letters
13	IEEE Networking Letters
14	IEEE Photonics Technology Letters (L-PT)
15	IEEE Robotics and Automation Letters (L-RA)
16	IEEE Sensors Letters (L-SEN)
17	IEEE Signal Processing Letters (L-SP)
18	IEEE Solid State Circuits Letters (L-SSC)
19	IEEE Wireless Communications Letters (L-WC)

12.11 List of IEEE Reviews

Sr. No.	Title
1	Biomedical Engineering, IEEE Reviews in (R-BME)
2	IEEE Engineering Management Review

3IEEE Communications Surveys & Tutorials (COMST)

12.12 ACM Digital Library Package Subscription

The ACM Digital Library is a research, discovery and networking platform containing:

- The Full-Text Collection of all ACM publications, including journals, conference proceedings, technical magazines, newsletters and books.
- A collection of curated and hosted full-text publications from select publishers.
- The ACM Guide to Computing Literature, a comprehensive bibliographic database focused exclusively on the field of computing.
- A richly interlinked set of connections among authors, works, institutions, and specialized communities.

ACM Journals/Transactions

ACM Journals/Transactions

1. ACM Journal on Computing and Sustainable Societies
2. Collective Intelligence (COLA)
3. ACM Computing Surveys (CSUR)
4. Digital Government: Research and Practice (DGOV)
5. Distributed Ledger Technologies: Research and Practice (DLT)
6. Digital Threats: Research and Practice (DTRAP)
7. Formal Aspects of Computing
8. Games: Research and Practice
9. ACM Transactions on Computing for Healthcare (HEALTH)
10. Proceeding of the ACM on Interactive Mobile, Wearable & Ubiquitous Technologies
11. Journal of the ACM (JACM)
12. ACM Journal on Autonomous Transportation Systems

13. Journal of Data and Information Quality (JDIQ)
14. ACM / IMS Journal of Data Science (JDS)
15. Journal of Experimental Algorithmics (JEA)
16. ACM Journal on Emerging Technologies in Computing Systems (JETC)
17. Journal on Computing and Cultural Heritage (JOCCH)
18. ACM Journal on Responsible Computing (JRC)
19. Proceedings of the ACM on Computer Graphics and Interactive Techniques (PACMCGIT)
20. Proceeding of the ACM on Human - Computer Interaction (PACMHCI)
21. Proceedings of the ACM on Management of Data (PACMMOD)
22. Proceedings of the ACM on Networking (PACMNET)
23. Proceeding of the ACM on Programming Languages (PACMPL)
24. Proceedings of the ACM on Software Engineering (PACMSE)
25. Proceeding of the ACM on Measurement & Analysis of Computing Systems (POMACS)
26. ACM Transactions on Autonomous and Adaptive Systems (TAAS)
27. ACM Transactions on Accessible Computing (TACCESS)
28. ACM Transactions on Architecture and Code Optimization (TACO)
29. ACM Transactions on Algorithms (TALG)
30. ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP)
31. ACM Transactions on Applied Perception (TAP)
32. IEEE/ACM Transactions on Audio, Speech and Language Processing (TASLP)
33. IEEE/ACM Transactions on Computational Biology and Bioinformatics (TCBB)
34. ACM Transactions on Cyber-Physical Systems (TCPS)
35. ACM Transactions on Economics and Computation (TEAC)
36. ACM Transactions on Embedded Computing Systems (TECS)
37. ACM Transactions on Evolutionary Learning and Optimization (TELO)
38. ACM Transactions on Human – Robot Interaction (THRI)
39. ACM Transactions on Interactive Intelligent Systems (TIIS)
40. ACM Transactions on Internet of Things (TIOT)
41. ACM Transactions on Intelligent Systems and Technology (TIST)

42. ACM Transactions on Knowledge Discovery from Data (TKDD)
43. ACM Transactions on Management Information Systems (TMIS)
44. ACM Transactions on Computing Education (TOCE)
45. ACM Transactions on Computer-Human Interaction (TOCHI)
46. ACM Transactions on Computational Logic (TOCL)
47. ACM Transactions on Computer Systems (TOCS)
48. ACM Transactions on Computation Theory (TOCT)
49. ACM Transactions on Design Automation of Electronic Systems (TODAES)
50. ACM Transactions on Database Systems (TODS)
51. ACM Transactions on Graphics (TOG)
52. ACM Transactions on Information Systems (TOIS)
53. ACM Transactions on Internet Technology (TOIT)
54. ACM Transactions on Modeling and Computer Simulation (TOMACS)
55. ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM)
56. ACM Transactions on Modeling and Performance Evaluation of Computing Systems
57. ACM Transactions on Mathematical Software (TOMS)
58. IEEE/ACM Transactions on Networking (TON)
59. ACM Transactions on Parallel Computing (TOPC)
60. ACM Transactions on Programming Languages and Systems (TOPLAS)
61. ACM Transactions on Probabilistic Machine Learning (TOPML)
62. ACM Transactions on Privacy and Security (TOPS)
63. ACM Transactions on Recommender Systems (TORS)
64. ACM Transactions on Storage (TOS)
65. ACM Transactions on Software Engineering and Methodology (TOSEM)
66. ACM Transactions on Sensor Networks (TOSN)
67. ACM Transactions on Quantum Computing (TQC)
68. ACM Transactions on Reconfigurable Technology and Systems (TRETs)
69. ACM Transactions on Spatial Algorithms and Systems (TSAS)
70. ACM Transactions on Social Computing (TSC)
71. ACM Transactions on the Web (TWEB)

12.13 ACM Magazines

1. Communications of the ACM
2. eLearn
3. ACM Inroads
4. Interactions
5. Queue
6. Ubiquity
7. XRDS: Crossroads, The ACM Magazine for Students

12.14 E Books

Wiley E-Books	21 Titles - IP Based
Springer E-Books	8000+ titles - IP Based

12.15 Library Events

Sr. No.	Name of the Event	Details	Event Date
1	Dussehra Pooja	11.30 am to 12.30 pm	11 th Oct 2024
2	Dr APJ Abdul Kalam Jayanti	11.00 am to 11.30 am	15 th Oct 2024
3	Vachan Sankalp Maharashtra Cha	10.30 am to 5.00 pm	1 – 15 Jan 2025
4	Savitribai Phule Jayanti	11.00 am to 11.30 am	3 rd Jan 2025
5	Book Exhibition	10.30 am to 5.00 pm	5-6 th Feb 2025
6	Marathi Bhasha Divas	3.00 pm to 4.30 pm Guest - Dr. Milind Vinod	27 th Feb 2025
7	Shiv Jayanti	11.00 am to 11.30 am	17 th March 2025
8	International Yoga Day Celebration	10.30 am to 12.00 pm Guest - Ms. Sarita Prashant	24th June 2025



Dussehra Pooja - 11th Oct 2024



Dr APJ Abdul Kalam Jayanti - 15th Oct 2024



Vachan Sankalp Maharashtra Cha – 1st to 15th Jan 2025



Savitribai Phule Jayanti - 3rd Jan 2025



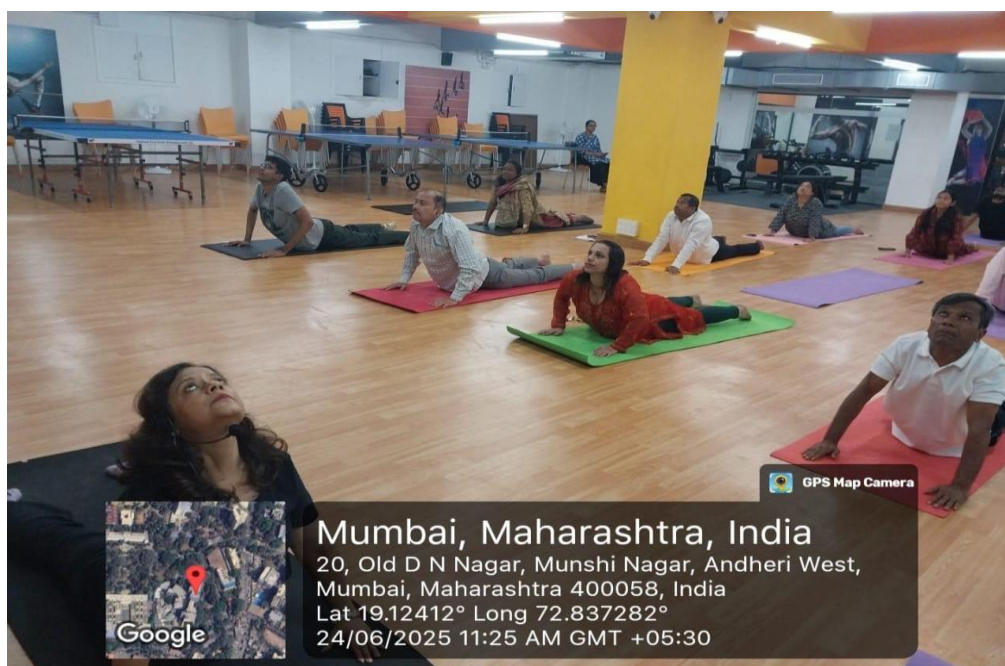
Book Exhibition - 5-6th Feb 2025



Marathi Bhasha Divas - 27th Feb 2025



Shiv Jayanti - 17th March 2025



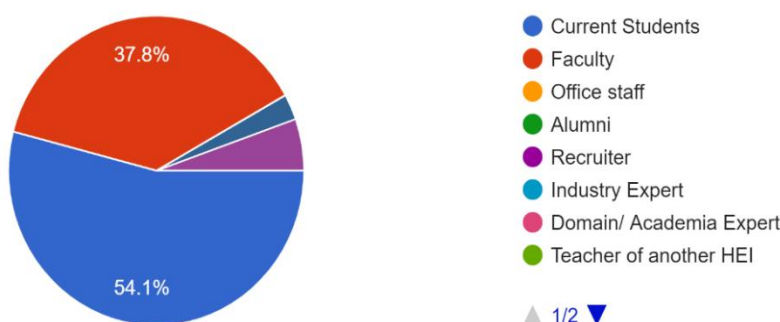
International Yoga Day Celebration - 24th June 2025

13. Feedback Analysis

As part of the preparation for NAAC accreditation, a survey was undertaken to determine the perception of best practices at S.P.I.T. The survey template developed by IQAC was circulated amongst all stakeholders of the institute like faculty, students, industry experts, office staff, domain experts, teachers of other higher education institutions and so on. The survey had 37 respondents.

Stakeholder

37 responses



Highlights of the feedback

- Considerate of the student needs related to academics and internships and taking appropriate steps
- Various opportunities to enhance co curricular skills
- Practical knowledge demonstration
- Easily accessible professors for help
- Best TPO
- Scope courses, Freedom to choose electives, Innovative labs
- Autonomy, giving motivation for startups, research internships
- Flexibility in the Work Environment and encouraging the performer
- Good Faculties
- Good Placements
- Focus on assignments and studies
- Good Extracurricular Activities
- Relative grading

- Improving sports facilities and infrastructure
- ESE gets finished within a short span of time
- Holistic Development by involving SEVA/SATVA/HSSA and other allied subjects
- Industry and Research Internship at 6th/8th Semester facilitates student to gain industrial research experience and understanding corporate work culture before actual getting into corporate/PG Courses
- Provision of PDC, Idea Lab, TBI which encourages and boost students to go ahead with entrepreneurship/research/product formulation/patenting.
- Conducting regular ISEs and MSEs to ensure concept understanding
- A practical approach to every subject in labs, including presentations as a part of the exam.
- Conducting technical and cultural events
- Paper publication encouragement for BE students, use of innovative teaching learning, emphasis of all round development through seva courses
- Best Community of Students
- Work culture, approachable colleagues, encouragement for continuous improvement.
- Encouragement of students to participate in funded projects/competitions /extracurricular activities/outreach.
- Class size is small so faculty can better interact with students.
- Liberty for teachers to make innovations while taking lectures.
- Tutorials are also conducted batch wise Which helps both teachers and students to have smooth communication.
- Taking care of the students when in campus. Counsellor for mental health is available
- Labs are open 24x7 for students by key permission, Proactively Activity-based Learning,
- Integrity, Positive approach and transparency
- It allows its students to choose from a variety of fields, helping them to improve life skills and overall development of an individual.
- Quality intake, Best Pay Package to Students, Adequate Work freedom, Consistency in adopting best practices.

13.1 Parents Feedback

S.P.I.T. collects feedback on perception, Mission of the institute, curriculum aspects, Teaching Learning, Infrastructure from different stakeholders such as the Parents, students, alumni, Faculty and Employers. The Institution has established the Academic Council in order to ensure and analyze academic excellence at student and faculty levels.

The institute thoroughly reviews the curriculum for every academic year. The college maintains an IQAC as a quality consistence and quality enhancement measure. Various departments and committees work for Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc. reinforce the curriculum by incorporating suggestions from various stakeholders and experts. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industry/ recruiters and professionals is obtained through department feedback committee. The provided feedback data is analyzed and incorporated for necessary implementation in curriculum and other developments.

Parent feedback is important for an engineering institute because it provides valuable insights into the experiences and expectations of the students' families. This information can help the institute identify areas where they are doing well and areas where they can improve, which can ultimately lead to a better overall learning experience for the students. Additionally, parent feedback can help the institute feel more connected to the families and foster a stronger sense of community.

Methodology

A google form was designed based on a template developed by the IQAC and circulated among parents of all students belonging to UG as well as PG program. The feedback was divided into different categories like perception, Institute's adherence to its mission statement, Curriculum, Teaching, Learning and Student performance, and Infrastructure and Facilities with few questions under each category. A total of 52 parents responded to the survey with 98% of the responses from the UG category.

Feedback Analysis

This report analyzes the feedback provided by parents on the curriculum and institutional atmosphere of the S.P.I.T. (Sardar Patel Institute of Technology). The data comprises responses from 62 participants across 12 key performance indicators.

Executive Summary

The overall feedback is highly positive, with a significant majority of respondents selecting "Agree" or "Strongly Agree" for most categories. The highest levels of satisfaction are seen in the institution's reputation and learning atmosphere, while there is room for improvement in areas like research culture and entrepreneurship support.

1. Academic & Industry Integration

- **Curriculum Relevance:** Approximately **71%** of respondents agree or strongly agree that the curriculum includes relevant courses and community service projects.
- **Competition Motivation:** **71%** are satisfied with the motivation provided to students for participating in competitions like Hackathons and Moot courts.
- **Industry Linkage:** Around **61%** feel that skill-based courses and industry linkages (internships, visits) are well-established, though about **11%** expressed disagreement.

2. Research & Entrepreneurship

- **Research Culture:** While **51%** positive (Agree/Strongly Agree), a large portion (**38.7%**) only find the research culture "Satisfactory." This suggests a need for more active engagement or awareness regarding technical publications and funding.
- **Entrepreneurship Support:** This area shows the highest level of caution, with **16%** of respondents disagreeing or strongly disagreeing that the curriculum effectively promotes entrepreneurship through the Start-up School.

3. Mentorship & Communication

- **Mentorship:** **54.8%** of parents/guardians are happy with the mentorship and career guidance provided, though **33.9%** rated it as just "Satisfactory."
- **Information Dissemination:** Communication regarding rules, events, and exams is well-received, with over **93%** finding it "Satisfactory" or better.
- **Ward Engagement:** **74%** of respondents feel well-informed by their wards about institutional activities.

Section 2: Department & Curriculum Feedback

This section covers academic rigor, mentorship, and career prospects.

1. Academic Excellence

- **Curriculum:** 70.96% agree the courses are relevant and include community service.
- **Learning Atmosphere:** A strong 80.32% find the institute atmosphere conducive to learning.

2. Research & Entrepreneurship

- **Research:** 52.46% are positive, but a large portion (39.34%) only rate it as "Satisfactory," indicating a desire for more active research motivation.
- **Entrepreneurship:** 16.4% of respondents expressed disagreement regarding the effectiveness of start-up school mentorship.

3. Institutional Pride & Employability

- **Pride:** 86.88% of parents/wards feel proud to be part of S.P.I.T.
- **Employability:** 65.57% agree that there is a significant focus on employability and higher education.

Summary of Key Performance Indicators

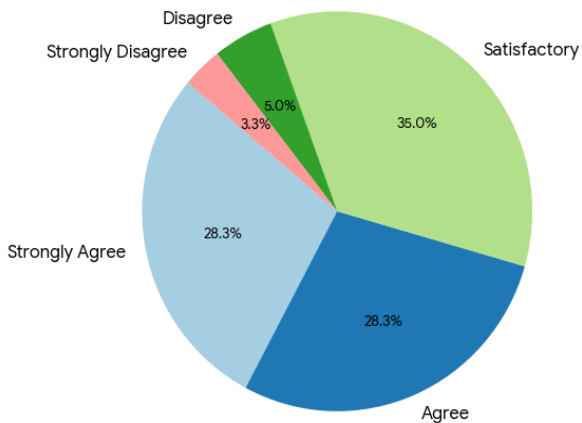
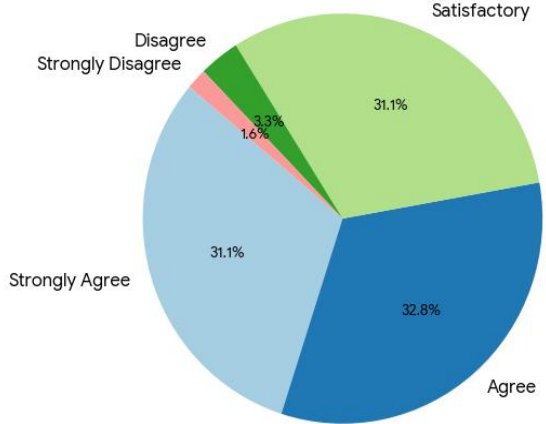
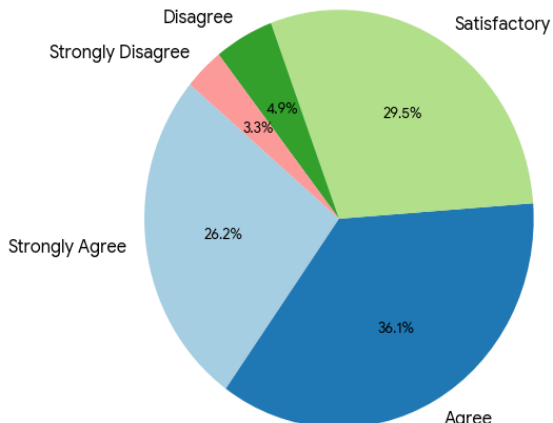
Area	Positive (Agree/Strongly Agree)	Satisfactory	Negative (Disagree/Strongly Disagree)
Classrooms	71.0%	25.8%	3.2%
Library	80.3%	18.0%	1.6%
Academic Atmosphere	80.3%	16.4%	3.3%
Entrepreneurship	54.1%	29.5%	16.4%
Extra-Curriculars	52.5%	29.5%	18.0%

Detailed Visualizations*

- The accompanying graphical representations provide a detailed breakdown of each survey question with each chart displaying the distribution of responses from "Strongly Disagree" to "Strongly Agree."

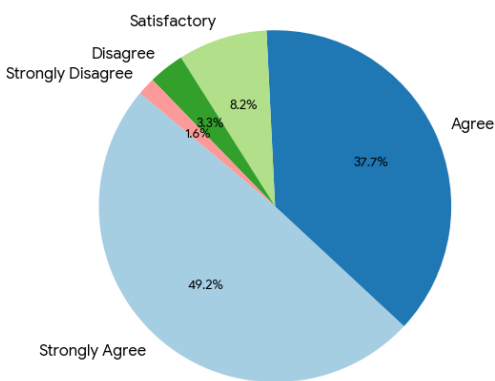
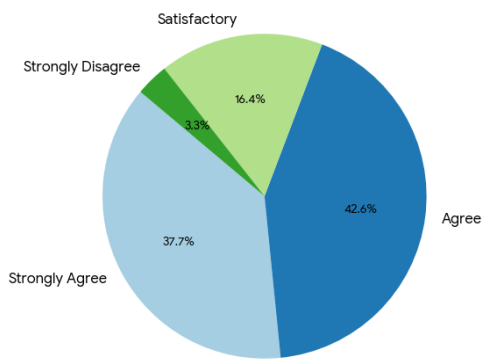
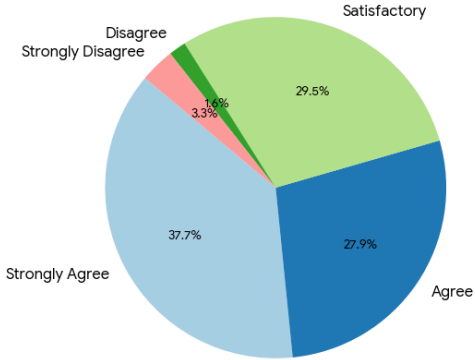
Q. No.	Question	Response												
1	Curriculum has relevant courses and through community service/ projects, participation	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>46.8%</td></tr><tr><td>Satisfactory</td><td>27.4%</td></tr><tr><td>Strongly Agree</td><td>24.2%</td></tr><tr><td>Disagree</td><td>1.6%</td></tr></tbody></table>	Response	Percentage	Agree	46.8%	Satisfactory	27.4%	Strongly Agree	24.2%	Disagree	1.6%		
Response	Percentage													
Agree	46.8%													
Satisfactory	27.4%													
Strongly Agree	24.2%													
Disagree	1.6%													
2	Students are motivated to participate in various events to challenge their curiosity	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>38.7%</td></tr><tr><td>Strongly Agree</td><td>32.3%</td></tr><tr><td>Satisfactory</td><td>22.6%</td></tr><tr><td>Disagree</td><td>4.8%</td></tr><tr><td>Strongly Disagree</td><td>1.6%</td></tr></tbody></table>	Response	Percentage	Agree	38.7%	Strongly Agree	32.3%	Satisfactory	22.6%	Disagree	4.8%	Strongly Disagree	1.6%
Response	Percentage													
Agree	38.7%													
Strongly Agree	32.3%													
Satisfactory	22.6%													
Disagree	4.8%													
Strongly Disagree	1.6%													
3	Skill based courses are introduced in the curriculum supported by industry.	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>37.1%</td></tr><tr><td>Satisfactory</td><td>27.4%</td></tr><tr><td>Strongly Agree</td><td>24.2%</td></tr><tr><td>Disagree</td><td>6.5%</td></tr><tr><td>Strongly Disagree</td><td>4.8%</td></tr></tbody></table>	Response	Percentage	Agree	37.1%	Satisfactory	27.4%	Strongly Agree	24.2%	Disagree	6.5%	Strongly Disagree	4.8%
Response	Percentage													
Agree	37.1%													
Satisfactory	27.4%													
Strongly Agree	24.2%													
Disagree	6.5%													
Strongly Disagree	4.8%													

Q. No.	Question	Response												
4	Research culture is prevalent and established through technical paper publications in conferences and journals.	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>39.3%</td></tr><tr><td>Agree</td><td>29.5%</td></tr><tr><td>Strongly Agree</td><td>23.0%</td></tr><tr><td>Disagree</td><td>4.9%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></tbody></table>	Response	Percentage	Satisfactory	39.3%	Agree	29.5%	Strongly Agree	23.0%	Disagree	4.9%	Strongly Disagree	3.3%
Response	Percentage													
Satisfactory	39.3%													
Agree	29.5%													
Strongly Agree	23.0%													
Disagree	4.9%													
Strongly Disagree	3.3%													
5	Courses in the curriculum promote entrepreneurship, and students are encouraged and supported to initiate start-ups by Start-up School Mentorship.	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>29.5%</td></tr><tr><td>Agree</td><td>37.7%</td></tr><tr><td>Strongly Agree</td><td>16.4%</td></tr><tr><td>Disagree</td><td>9.8%</td></tr><tr><td>Strongly Disagree</td><td>6.6%</td></tr></tbody></table>	Response	Percentage	Satisfactory	29.5%	Agree	37.7%	Strongly Agree	16.4%	Disagree	9.8%	Strongly Disagree	6.6%
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Agree	37.7%													
Strongly Agree	16.4%													
Disagree	9.8%													
Strongly Disagree	6.6%													
6	My ward participates/ informs me about the activities happening in the institute.	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>19.7%</td></tr><tr><td>Agree</td><td>29.5%</td></tr><tr><td>Strongly Agree</td><td>45.9%</td></tr><tr><td>Disagree</td><td>4.9%</td></tr></tbody></table>	Response	Percentage	Satisfactory	19.7%	Agree	29.5%	Strongly Agree	45.9%	Disagree	4.9%		
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Agree	29.5%													
Strongly Agree	45.9%													
Disagree	4.9%													

Q. No.	Question	Response												
7	I am happy with the mentorship and career guidance provided	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>35.0%</td></tr><tr><td>Agree</td><td>28.3%</td></tr><tr><td>Strongly Agree</td><td>28.3%</td></tr><tr><td>Disagree</td><td>5.0%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></tbody></table>	Response	Percentage	Satisfactory	35.0%	Agree	28.3%	Strongly Agree	28.3%	Disagree	5.0%	Strongly Disagree	3.3%
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Strongly Agree	28.3%													
Disagree	5.0%													
Strongly Disagree	3.3%													
8	Information disseminated through Website/circular/e-mails/ notices/ announcements regarding rules and regulations, events, curriculum, examination are satisfactory.	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>31.1%</td></tr><tr><td>Agree</td><td>32.8%</td></tr><tr><td>Strongly Agree</td><td>31.1%</td></tr><tr><td>Disagree</td><td>3.3%</td></tr><tr><td>Strongly Disagree</td><td>1.6%</td></tr></tbody></table>	Response	Percentage	Satisfactory	31.1%	Agree	32.8%	Strongly Agree	31.1%	Disagree	3.3%	Strongly Disagree	1.6%
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Satisfactory	31.1%													
Agree	32.8%													
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Disagree	3.3%													
Strongly Disagree	1.6%													
9	The evaluation methods are sufficient and unbiased to assess the potential of the ward	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Satisfactory</td><td>29.5%</td></tr><tr><td>Agree</td><td>36.1%</td></tr><tr><td>Strongly Agree</td><td>26.2%</td></tr><tr><td>Disagree</td><td>4.9%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></tbody></table>	Response	Percentage	Satisfactory	29.5%	Agree	36.1%	Strongly Agree	26.2%	Disagree	4.9%	Strongly Disagree	3.3%
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Strongly Disagree	3.3%													

4. Institutional Environment & Reputation

- **Pride of Admission:** This is the highest-rated category, with **85.5%** of respondents stating that having their ward at S.P.I.T. is a matter of pride.
- **Learning Atmosphere:** **79%** agree or strongly agree that the atmosphere is conducive to learning.
- **Evaluation & Employability:** **61%** are satisfied with evaluation methods, and **64.5%** believe there is a strong focus on employability and higher education.

Q. No.	Question	Response												
1	Getting admission in S.P.I.T. for my ward is a matter of pride for me.	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Strongly Agree</td><td>49.2%</td></tr><tr><td>Agree</td><td>37.7%</td></tr><tr><td>Satisfactory</td><td>8.2%</td></tr><tr><td>Disagree</td><td>3.3%</td></tr><tr><td>Strongly Disagree</td><td>1.6%</td></tr></table>	Response	Percentage	Strongly Agree	49.2%	Agree	37.7%	Satisfactory	8.2%	Disagree	3.3%	Strongly Disagree	1.6%
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Strongly Agree	49.2%													
Agree	37.7%													
Satisfactory	8.2%													
Disagree	3.3%													
Strongly Disagree	1.6%													
2	The atmosphere in the Institute is conducive for learning.	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Agree</td><td>42.6%</td></tr><tr><td>Strongly Agree</td><td>37.7%</td></tr><tr><td>Satisfactory</td><td>16.4%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></table>	Response	Percentage	Agree	42.6%	Strongly Agree	37.7%	Satisfactory	16.4%	Strongly Disagree	3.3%		
Response	Percentage													
Agree	42.6%													
Strongly Agree	37.7%													
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3	Employability is given a focus in the Institute so much so is the higher education	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Strongly Agree</td><td>37.7%</td></tr><tr><td>Satisfactory</td><td>29.5%</td></tr><tr><td>Agree</td><td>27.9%</td></tr><tr><td>Disagree</td><td>3.3%</td></tr><tr><td>Strongly Disagree</td><td>1.6%</td></tr></table>	Response	Percentage	Strongly Agree	37.7%	Satisfactory	29.5%	Agree	27.9%	Disagree	3.3%	Strongly Disagree	1.6%
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Strongly Disagree	1.6%													

13.2 Feedback on Infrastructure

The infrastructure was evaluated across seven categories. Overall, the sentiment is positive, with "Library" and "Classroom" facilities receiving high marks.

- **Library:** Highly rated, with over **80%** agreement on the availability of books and journals.
- **Classrooms & Labs:** These facilities receive strong positive feedback (70%+ Agreement).
- **Extra-Curricular Activities:** This area shows the highest "Disagree" and "Strongly Disagree" combined rate (approx. 18%), suggesting parents feel students may need more free time or better facilities for these activities.

1. Classroom & Labs

- **Classrooms:** **70.97%** of respondents agree or strongly agree that classrooms (AC, PC, Projectors) are up to the mark.
- **Labs:** **70.49%** are satisfied with lab maintenance and software availability.

2. Connectivity & Hygiene

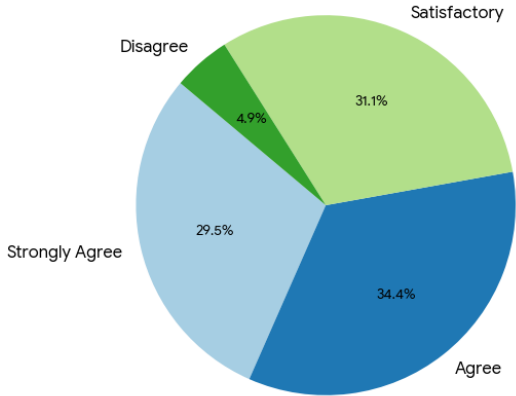
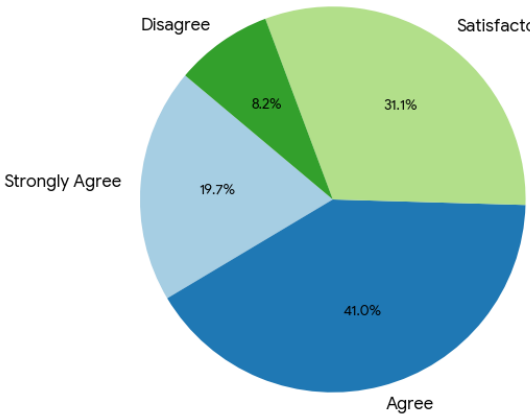
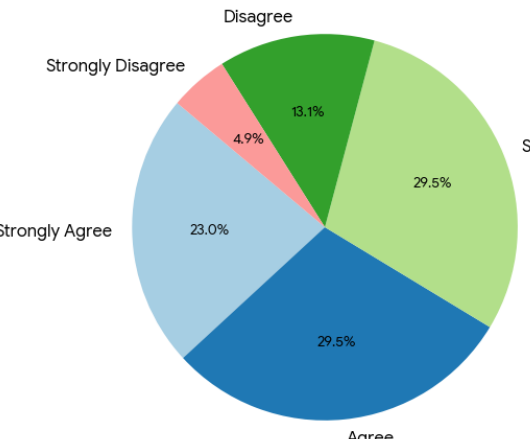
- **Wi-Fi:** **65.57%** find the internet accessibility positive.
- **Washroom/Drinking Water:** While **60.65%** are positive, there is a **8.20%** disagreement rate regarding cleanliness.

3. Canteen & Extra-Curriculars

- **Canteen:** **63.94%** are happy with food quality and pricing.
- **Extra-Curriculars:** This area has the highest level of dissatisfaction, with **18.03%** disagreeing that there is enough free time for these activities.

Q. No.	Question	Response										
1	Classroom - Air conditioners, PC & Projector, Cleanliness	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>43.5%</td></tr><tr><td>Strongly Agree</td><td>27.4%</td></tr><tr><td>Satisfactory</td><td>25.8%</td></tr><tr><td>Disagree</td><td>3.2%</td></tr></tbody></table>	Response	Percentage	Agree	43.5%	Strongly Agree	27.4%	Satisfactory	25.8%	Disagree	3.2%
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Agree	43.5%													
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3	Well maintained labs ith adequate facilities and Availability of Software/ Maintenance	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>39.3%</td></tr><tr><td>Strongly Agree</td><td>31.1%</td></tr><tr><td>Satisfactory</td><td>21.3%</td></tr><tr><td>Disagree</td><td>4.9%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></tbody></table>	Response	Percentage	Agree	39.3%	Strongly Agree	31.1%	Satisfactory	21.3%	Disagree	4.9%	Strongly Disagree	3.3%
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4	Wi-Fi and Internet Facility - Accessibility of Wi-Fi	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>39.3%</td></tr><tr><td>Strongly Agree</td><td>26.2%</td></tr><tr><td>Satisfactory</td><td>24.6%</td></tr><tr><td>Disagree</td><td>6.6%</td></tr><tr><td>Strongly Disagree</td><td>3.3%</td></tr></tbody></table>	Response	Percentage	Agree	39.3%	Strongly Agree	26.2%	Satisfactory	24.6%	Disagree	6.6%	Strongly Disagree	3.3%
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Q. No.	Question	Response												
4	Campus Canteen - Food Prices/ Quantity/ Hygienic Food	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Agree</td><td>34.4%</td></tr><tr><td>Satisfactory</td><td>31.1%</td></tr><tr><td>Strongly Agree</td><td>29.5%</td></tr><tr><td>Disagree</td><td>4.9%</td></tr></table>	Response	Percentage	Agree	34.4%	Satisfactory	31.1%	Strongly Agree	29.5%	Disagree	4.9%		
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Satisfactory	31.1%													
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5	Washroom & Drinking water – Cleanliness / Lighting of Washroom all the time	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Agree</td><td>41.0%</td></tr><tr><td>Satisfactory</td><td>31.1%</td></tr><tr><td>Strongly Agree</td><td>19.7%</td></tr><tr><td>Disagree</td><td>8.2%</td></tr></table>	Response	Percentage	Agree	41.0%	Satisfactory	31.1%	Strongly Agree	19.7%	Disagree	8.2%		
Response	Percentage													
Agree	41.0%													
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6	Availability of free time for extra- curricular activities	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Agree</td><td>29.5%</td></tr><tr><td>Satisfactory</td><td>29.5%</td></tr><tr><td>Strongly Agree</td><td>23.0%</td></tr><tr><td>Disagree</td><td>13.1%</td></tr><tr><td>Strongly Disagree</td><td>4.9%</td></tr></table>	Response	Percentage	Agree	29.5%	Satisfactory	29.5%	Strongly Agree	23.0%	Disagree	13.1%	Strongly Disagree	4.9%
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Q. No.	Question	Response										
7	Library - Availability of books/Journals	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Agree</td><td>45.9%</td></tr><tr><td>Strongly Agree</td><td>34.4%</td></tr><tr><td>Satisfactory</td><td>18.0%</td></tr><tr><td>Strongly Disagree</td><td>1.6%</td></tr></tbody></table>	Response	Percentage	Agree	45.9%	Strongly Agree	34.4%	Satisfactory	18.0%	Strongly Disagree	1.6%
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Strongly Agree	34.4%											
Satisfactory	18.0%											
Strongly Disagree	1.6%											

Summary and Recommendations

- **Academic Excellence:** Parents have high confidence in the curriculum and the prestige of the institute.
- **Areas for Improvement:** * Extra-Curricular Time: Feedback suggests a need to balance the rigorous academic schedule with more time for extra-curricular pursuits.
 - Washrooms & Canteen: While mostly positive, a segment of parents (around 8%) identified cleanliness and canteen facilities as areas for improvement.
 - Mentorship: Enhancing the mentorship program to move responses from "Satisfactory" to "Agree/Strongly Agree" could further boost parent satisfaction.

Conclusion

The institute maintains a very high standard of learning atmosphere and institutional pride. To further improve, focus should be directed towards **increasing free time for extra-curricular activities** and **enhancing the entrepreneurship ecosystem**.

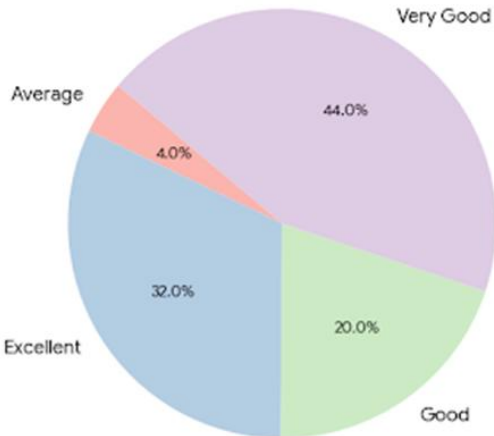
13.3 Alumni Feedback

This report summarizes the feedback received from the Alumni of Sardar Patel Institute of Technology (S.P.I.T.) across four key areas: Curriculum, Mission/Values, Departmental Performance, and Institute-level Engagement.

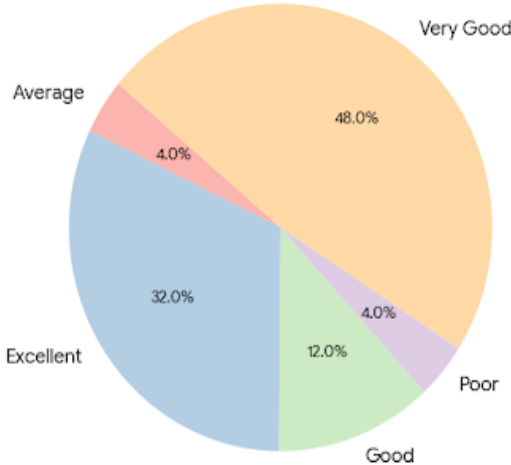
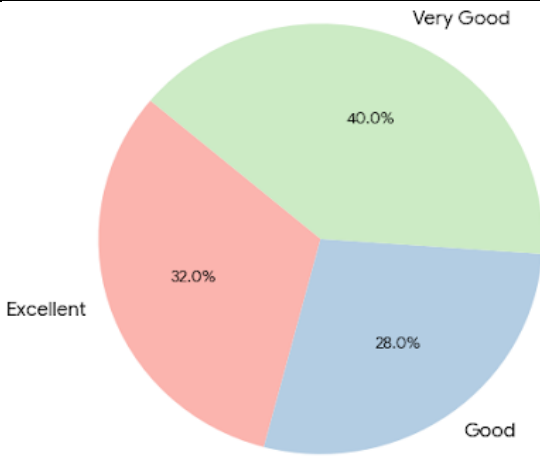
1. Curriculum Feedback

Alumni feedback indicates a high level of satisfaction with the academic foundation provided by the institute.

- **Core Strength:** 76% of alumni rate the fundamental engineering knowledge gained as "Very Good" or "Excellent."
- **Industry Readiness:** 72% feel the syllabus is effectively designed to make students industry-ready.
- **Holistic Development:** 80% appreciate the encouragement of sports and cultural activities (rated "Very Good" or "Excellent").

S. No.	Question	Response										
1	Fundamental engineering knowledge gained while at SPIT has helped you to become successful in your career /profession.	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>44.0%</td></tr><tr><td>Excellent</td><td>32.0%</td></tr><tr><td>Good</td><td>20.0%</td></tr><tr><td>Average</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Very Good	44.0%	Excellent	32.0%	Good	20.0%	Average	4.0%
Response	Percentage											
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Good	20.0%											
Average	4.0%											

S. No.	Question	Response												
2	The syllabus has been designed to make students Industry-ready	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>32.0%</td></tr><tr><td>Poor</td><td>4.0%</td></tr><tr><td>Good</td><td>16.0%</td></tr><tr><td>Excellent</td><td>40.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></tbody></table>	Response	Percentage	Very Good	32.0%	Poor	4.0%	Good	16.0%	Excellent	40.0%	Average	8.0%
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Poor	4.0%													
Good	16.0%													
Excellent	40.0%													
Average	8.0%													
3	The syllabus is outcome based and the expected outcomes, through various courses, are attained.	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>36.0%</td></tr><tr><td>Poor</td><td>8.0%</td></tr><tr><td>Good</td><td>20.0%</td></tr><tr><td>Excellent</td><td>36.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></tbody></table>	Response	Percentage	Very Good	36.0%	Poor	8.0%	Good	20.0%	Excellent	36.0%	Average	8.0%
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4	The academic flexibility provides opportunities to students to pursue their interest.	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>36.0%</td></tr><tr><td>Poor</td><td>4.0%</td></tr><tr><td>Good</td><td>16.0%</td></tr><tr><td>Excellent</td><td>36.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></tbody></table>	Response	Percentage	Very Good	36.0%	Poor	4.0%	Good	16.0%	Excellent	36.0%	Average	8.0%
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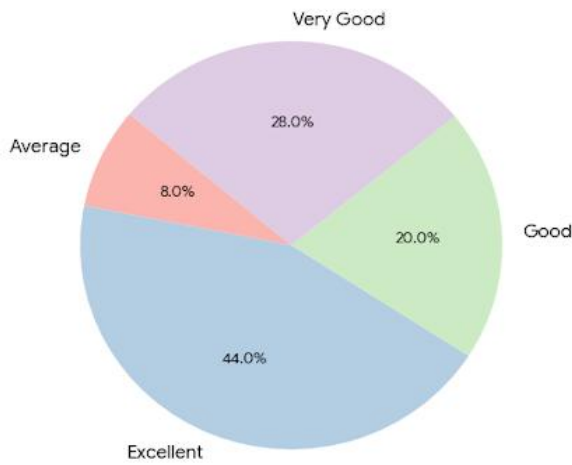
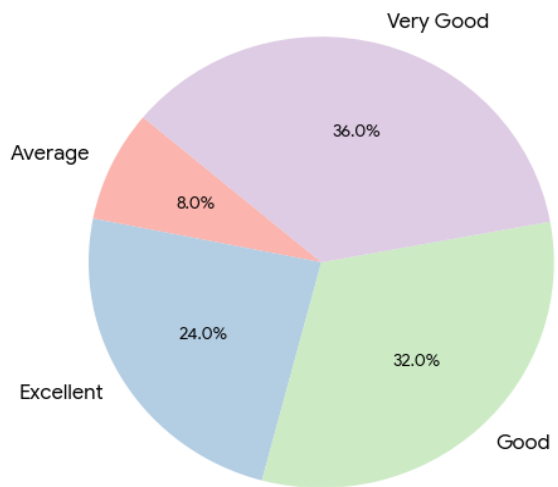
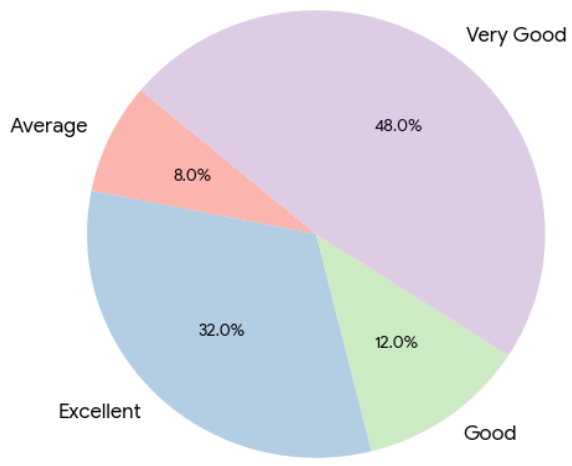
S. No.	Question	Response												
5	Holistic development of students is encouraged (participation in various sports, cultural and co-curricular activities)	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>48.0%</td></tr><tr><td>Excellent</td><td>32.0%</td></tr><tr><td>Good</td><td>12.0%</td></tr><tr><td>Average</td><td>4.0%</td></tr><tr><td>Poor</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Very Good	48.0%	Excellent	32.0%	Good	12.0%	Average	4.0%	Poor	4.0%
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Very Good	48.0%													
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Good	12.0%													
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6	There is a need for any change in present curriculum and syllabus	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>40.0%</td></tr><tr><td>Excellent</td><td>32.0%</td></tr><tr><td>Good</td><td>28.0%</td></tr></tbody></table>	Response	Percentage	Very Good	40.0%	Excellent	32.0%	Good	28.0%				
Response	Percentage													
Very Good	40.0%													
Excellent	32.0%													
Good	28.0%													

2. Mission and Institutional Values

The institute's efforts in cultivating ethical practices and research culture are well-received.

- **Ethics & Values:** 72% of alumni believe the education at SPIT successfully cultivated ethical practices and environmental sensitivity.
- **Research Culture:** 80% of respondents rated the encouragement of research culture as "Very Good" or "Excellent."
- **Entrepreneurship:** While positive, entrepreneurship ratings show more "Good" (32%) and "Average" (8%) responses compared to other categories, suggesting an area for potential growth.

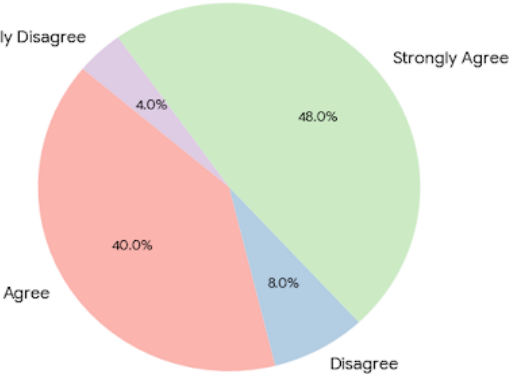
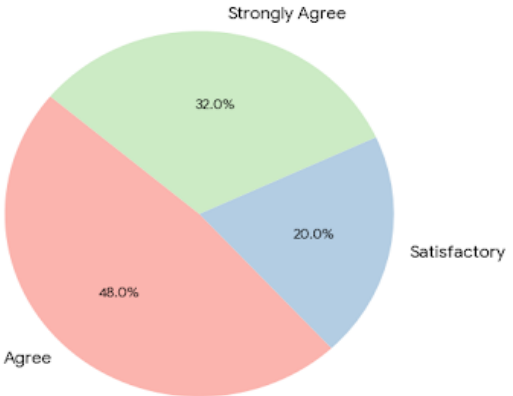
Q. No.	Question	Response										
1	Institute takes efforts in generating awareness about Indian values, personal integrity and civic responsibility	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>40.0%</td></tr><tr><td>Good</td><td>20.0%</td></tr><tr><td>Excellent</td><td>36.0%</td></tr><tr><td>Average</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Very Good	40.0%	Good	20.0%	Excellent	36.0%	Average	4.0%
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2	Education at SPIT has cultivated consideration for ethical practices, sensitivity for environment	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>32.0%</td></tr><tr><td>Excellent</td><td>40.0%</td></tr><tr><td>Good</td><td>24.0%</td></tr><tr><td>Poor</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Very Good	32.0%	Excellent	40.0%	Good	24.0%	Poor	4.0%
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3	Students are motivated to participate in various competitions.	<table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Very Good</td><td>40.0%</td></tr><tr><td>Excellent</td><td>44.0%</td></tr><tr><td>Good</td><td>8.0%</td></tr><tr><td>Poor</td><td>8.0%</td></tr></tbody></table>	Response	Percentage	Very Good	40.0%	Excellent	44.0%	Good	8.0%	Poor	8.0%
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Poor	8.0%											

Q. No.	Question	Response										
4	Industry supported skill based courses are introduced in the syllabus.	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Excellent</td><td>44.0%</td></tr><tr><td>Very Good</td><td>28.0%</td></tr><tr><td>Good</td><td>20.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></table>	Response	Percentage	Excellent	44.0%	Very Good	28.0%	Good	20.0%	Average	8.0%
Response	Percentage											
Excellent	44.0%											
Very Good	28.0%											
Good	20.0%											
Average	8.0%											
5	Courses in the syllabus promote Entrepreneurship	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Excellent</td><td>24.0%</td></tr><tr><td>Very Good</td><td>36.0%</td></tr><tr><td>Good</td><td>32.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></table>	Response	Percentage	Excellent	24.0%	Very Good	36.0%	Good	32.0%	Average	8.0%
Response	Percentage											
Excellent	24.0%											
Very Good	36.0%											
Good	32.0%											
Average	8.0%											
6	Research culture is encouraged	 <table><tr><th>Response</th><th>Percentage</th></tr><tr><td>Excellent</td><td>32.0%</td></tr><tr><td>Very Good</td><td>48.0%</td></tr><tr><td>Good</td><td>12.0%</td></tr><tr><td>Average</td><td>8.0%</td></tr></table>	Response	Percentage	Excellent	32.0%	Very Good	48.0%	Good	12.0%	Average	8.0%
Response	Percentage											
Excellent	32.0%											
Very Good	48.0%											
Good	12.0%											
Average	8.0%											

3. Departmental Performance

Feedback regarding specific departments shows strong interpersonal support and technical preparation.

- **Appreciation:** 88% of alumni (Strongly Agree + Agree) felt appreciated by their teachers and peers.
- **Recommendations:** A resounding 96% of alumni would recommend S.P.I.T. to their relatives or friends.
- **Technical Knowledge:** 80% agree or strongly agree that they obtained sufficient technical knowledge during their tenure.

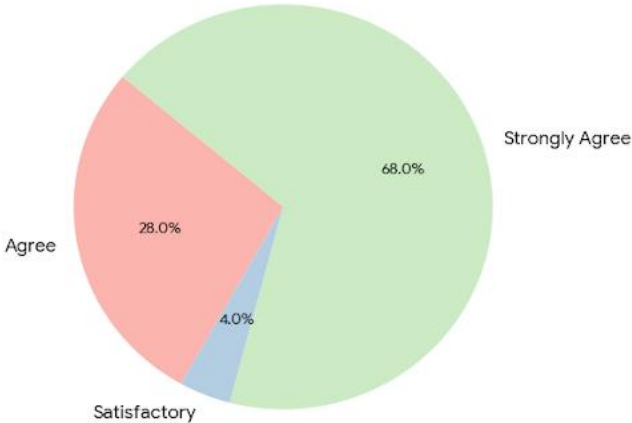
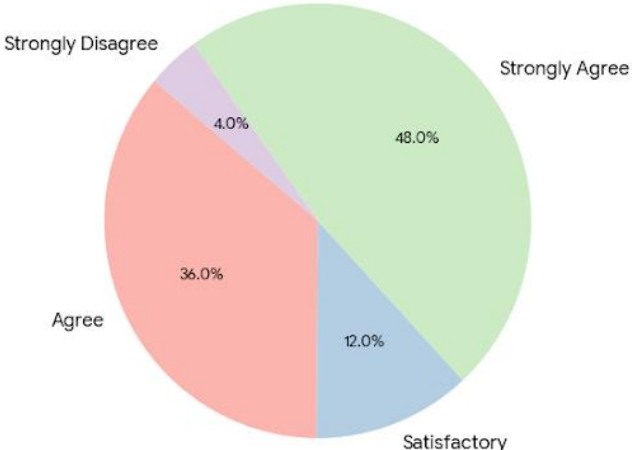
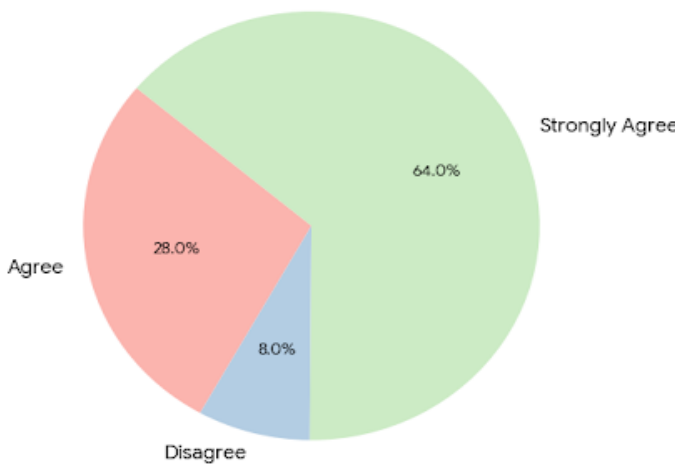
S. No.	Question	Response										
1	Have you ever been appreciated by your teachers, organization or peers?	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Disagree</td><td>4.0%</td></tr><tr><td>Disagree</td><td>8.0%</td></tr><tr><td>Agree</td><td>40.0%</td></tr><tr><td>Strongly Agree</td><td>48.0%</td></tr></tbody></table>	Response	Percentage	Strongly Disagree	4.0%	Disagree	8.0%	Agree	40.0%	Strongly Agree	48.0%
Response	Percentage											
Strongly Disagree	4.0%											
Disagree	8.0%											
Agree	40.0%											
Strongly Agree	48.0%											
2	You have obtained sufficient technical knowledge (both theory and practical) at SPIT during your studentship period?	 <table><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>32.0%</td></tr><tr><td>Satisfactory</td><td>20.0%</td></tr><tr><td>Agree</td><td>48.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	32.0%	Satisfactory	20.0%	Agree	48.0%		
Response	Percentage											
Strongly Agree	32.0%											
Satisfactory	20.0%											
Agree	48.0%											

S. No.	Question	Response								
3	Is there a need to improve alumni involvement in the development of the Department?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>40.0%</td></tr><tr><td>Agree</td><td>24.0%</td></tr><tr><td>Satisfactory</td><td>36.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	40.0%	Agree	24.0%	Satisfactory	36.0%
Response	Percentage									
Strongly Agree	40.0%									
Agree	24.0%									
Satisfactory	36.0%									
4	You will recommend your relative/friends to enroll at SPIT?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>56.0%</td></tr><tr><td>Agree</td><td>40.0%</td></tr><tr><td>Satisfactory</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	56.0%	Agree	40.0%	Satisfactory	4.0%
Response	Percentage									
Strongly Agree	56.0%									
Agree	40.0%									
Satisfactory	4.0%									

4. Institute-level Engagement & Pride

This section reflects the overall "brand value" and institutional support as perceived by the alumni.

- **Institutional Pride:** 96% of alumni feel proud to be associated with S.P.I.T.
- **Employability:** 92% agree that employability and higher education are prime focuses of the institute.
- **Alumni Involvement:** There is a clear consensus (72% Agree/Strongly Agree) that there is a need to further improve alumni involvement in the development of the institute.

S. No.	Question	Response										
1	Do you feel proud to be associated with S.P.I.T as an Alumnus?	 <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>68.0%</td></tr><tr><td>Agree</td><td>28.0%</td></tr><tr><td>Satisfactory</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	68.0%	Agree	28.0%	Satisfactory	4.0%		
Response	Percentage											
Strongly Agree	68.0%											
Agree	28.0%											
Satisfactory	4.0%											
2	Is the atmosphere at S.P.I.T helpful for learning?	 <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>48.0%</td></tr><tr><td>Agree</td><td>36.0%</td></tr><tr><td>Satisfactory</td><td>12.0%</td></tr><tr><td>Strongly Disagree</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	48.0%	Agree	36.0%	Satisfactory	12.0%	Strongly Disagree	4.0%
Response	Percentage											
Strongly Agree	48.0%											
Agree	36.0%											
Satisfactory	12.0%											
Strongly Disagree	4.0%											
3	Employability is one of the prime focuses in the Institute, as well as is the higher education.	 <table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>64.0%</td></tr><tr><td>Agree</td><td>28.0%</td></tr><tr><td>Disagree</td><td>8.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	64.0%	Agree	28.0%	Disagree	8.0%		
Response	Percentage											
Strongly Agree	64.0%											
Agree	28.0%											
Disagree	8.0%											

S. No.	Question	Response										
4	How do you rate development activities by the institution?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>36.0%</td></tr><tr><td>Satisfactory</td><td>16.0%</td></tr><tr><td>Disagree</td><td>4.0%</td></tr><tr><td>Agree</td><td>44.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	36.0%	Satisfactory	16.0%	Disagree	4.0%	Agree	44.0%
Response	Percentage											
Strongly Agree	36.0%											
Satisfactory	16.0%											
Disagree	4.0%											
Agree	44.0%											
5	Are you willing to contribute to the development of the institution?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>36.0%</td></tr><tr><td>Satisfactory</td><td>12.0%</td></tr><tr><td>Agree</td><td>52.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	36.0%	Satisfactory	12.0%	Agree	52.0%		
Response	Percentage											
Strongly Agree	36.0%											
Satisfactory	12.0%											
Agree	52.0%											
6	Are/Were your grievances properly handled by the institution as an alumnus?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>32.0%</td></tr><tr><td>Satisfactory</td><td>24.0%</td></tr><tr><td>Disagree</td><td>4.0%</td></tr><tr><td>Agree</td><td>40.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	32.0%	Satisfactory	24.0%	Disagree	4.0%	Agree	40.0%
Response	Percentage											
Strongly Agree	32.0%											
Satisfactory	24.0%											
Disagree	4.0%											
Agree	40.0%											

S. No.	Question	Response										
7	Is there a need to improve the general environment in the Institute/Department and attitude of the people?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>28.0%</td></tr><tr><td>Satisfactory</td><td>20.0%</td></tr><tr><td>Disagree</td><td>12.0%</td></tr><tr><td>Agree</td><td>40.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	28.0%	Satisfactory	20.0%	Disagree	12.0%	Agree	40.0%
Response	Percentage											
Strongly Agree	28.0%											
Satisfactory	20.0%											
Disagree	12.0%											
Agree	40.0%											
8	The undergraduate preparation at SPIT is better compared to that of your peers from other engineering colleges?	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>48.0%</td></tr><tr><td>Agree</td><td>44.0%</td></tr><tr><td>Satisfactory</td><td>4.0%</td></tr><tr><td>Disagree</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	48.0%	Agree	44.0%	Satisfactory	4.0%	Disagree	4.0%
Response	Percentage											
Strongly Agree	48.0%											
Agree	44.0%											
Satisfactory	4.0%											
Disagree	4.0%											
9	There is a need to improve alumni involvement in the development of the institute.	<table border="1"><thead><tr><th>Response</th><th>Percentage</th></tr></thead><tbody><tr><td>Strongly Agree</td><td>40.0%</td></tr><tr><td>Agree</td><td>32.0%</td></tr><tr><td>Satisfactory</td><td>24.0%</td></tr><tr><td>Disagree</td><td>4.0%</td></tr></tbody></table>	Response	Percentage	Strongly Agree	40.0%	Agree	32.0%	Satisfactory	24.0%	Disagree	4.0%
Response	Percentage											
Strongly Agree	40.0%											
Agree	32.0%											
Satisfactory	24.0%											
Disagree	4.0%											

Summary of Key Findings

- **Strong Academic Foundation:** The fundamental engineering knowledge and technical preparation are the highest-rated areas.
- **Brand Loyalty:** Alumni exhibit a very high level of pride and willingness to recommend the institute.
- **Opportunities for Growth: * Alumni Integration:** Alumni themselves express a desire for more structured involvement in the institute's development.
- **Entrepreneurship:** While the current performance is good, there is room to move more students from "Good" to "Excellent" in this area.

Strengths and Weaknesses

Institutional Strengths

The alumni feedback highlights several areas where S.P.I.T. excels, contributing to a high level of institutional pride.

- **Brand Value and Recommendation (96% Satisfaction):** An overwhelming majority of alumni are proud of their association with S.P.I.T. and would recommend the institute to others. This indicates strong "brand loyalty" and trust in the degree's value.
- **Focus on Employability (92% Positive):** Alumni strongly agree that the institute prioritizes employability and preparation for higher education, aligning its goals with student career success.
- **Superior Undergraduate Preparation (92% Positive):** Compared to their peers from other engineering colleges, S.P.I.T. alumni feel better prepared for the professional world.
- **Conducive Learning Environment (84% Positive):** The atmosphere is generally perceived as helpful for learning and academic growth.
- **Student Motivation for Competitions (84% Positive):** The institute successfully motivates students to participate in external competitions (Hackathons, technical meets, etc.), fostering a competitive spirit.
- **Willingness to Give Back (88% Positive):** A significant percentage of alumni expressed an active interest in contributing to the development of the institution.

Identified Weaknesses and Improvement Areas

While the overall sentiment is positive, specific areas were identified—both through lower survey scores and direct qualitative feedback—as needing attention.

- **Alumni Integration Gap:** There is a strong consensus (72% to 76% Agree/Strongly Agree) that alumni involvement in both the Department and Institute levels needs to be significantly improved. Alumni may be willing to help but may lack the formal channels or structured programs to do so effectively.
- **Curriculum & Industry Alignment:** Qualitative data suggests the syllabus requires more frequent updates to align with "current job market trends." Some feedback points to a need for higher flexibility regarding course selection, homework deadlines, and a more student-centric approach to individual exceptions.
- **Human Factor & Atmosphere:** Approximately 12% of alumni noted a need to improve the "general environment and attitude of people" within the institute/department. Qualitative remarks mentioned that some professors can be "really rigid" and suggests a more robust, anonymous student feedback system to monitor teaching quality effectively.
 - **Minor Dissatisfaction in Mentorship & Career Guidance:** While not a "failure," the high percentage of "Satisfactory" responses (as seen in parent surveys) combined with alumni suggestions for more market-aligned guidance indicates that current career mentorship may be too academic and not sufficiently "industry-oriented."

Recommendations

Based on the perceived weaknesses, the following actions are suggested:

1. **Formalize Alumni Engagement:** Create a "Department Advisory Board" involving alumni to bridge the gap between industry and curriculum.
2. **Agile Curriculum Review:** Implement a periodic curriculum review cycle that specifically invites input from alumni working in cutting-edge tech sectors.
3. **Soft Skills & Empathy Training:** Address the "rigidity" concerns by conducting workshops for faculty and staff on student-centric mentoring and modern pedagogical approaches.
4. **Flexible Learning Paths:** Explore "Minors" or "Electives" that allow students to pivot their learning based on personal career interests, as suggested by the alumni.

13.4 Students Feedback

This analysis outlines students' perceptions and suggestions across academic, administrative, and placement-related dimensions.

1. Teaching Quality & Classroom Experience

The primary concern highlighted is the **methodology of instruction**. Students feel there is a heavy reliance on reading from PowerPoint presentations and a "rush" to finish the syllabus.

- **Strengths:** Faculty members like "Talele sir" are cited as benchmarks for excellence due to their focus on numerical problem-solving and board-work.
- **Gap:** A significant mismatch exists between classroom teaching and the high difficulty level of exams (often compared to GATE/IIT standards).
- **Key Suggestions:** * Transition from PPT-based teaching to board-solving and logical explanations.
 1. Use interactive tools like Kahoot or Mentimeter for low-stakes, "fear-free" learning.
 2. Start subjects from the basics rather than assuming prior knowledge.

2. Curriculum & Academic Structure

The current curriculum is perceived as being heavily tilted toward rote learning and theory rather than hands-on industry application.

- **Technical Relevance:** Students suggest replacing the compulsory C language in the first year with more modern languages like Python or Java.
- **Project Integration:** There is a demand for at least one major project per subject to solidify practical understanding.
- **Subject Sequence:** Feedback indicates that **Data Structures** should immediately follow **PSIPL** for better continuity. Some subjects, such as "Selling Skills," are viewed as irrelevant.

3. Examination & Evaluation (The "Transparency Gap")

This section reveals significant friction regarding the assessment process.

- **Accuracy:** Errors in paper checking are reported to negatively impact CGPAs, leading to student frustration.
- **Transparency:** There is a call for online paper checking and the continuation of offline open-house sessions for re-evaluation.

- **Financial Burden:** Students explicitly requested the removal of fees for doubts, verification, or rechecking requests.

4. Attendance & Academic Pressure

A high level of academic congestion and pressure is noted, primarily due to rigid attendance policies and hectic timetables.

- **Attendance Reform:** Students suggest reducing the mandatory attendance from 75% to 65% to allow for self-study and reduce pressure.

Flexibility: There is a strong request for "flexible attendance" for those participating in hackathons or approved industry-level **projects**.

5. Placement & Industry Readiness

While placements are a priority, students feel the transition from academia to the corporate world could be better supported.

- **Internships:** Students recommend bringing back **semester-long internships** to provide real-world exposure.
- **Expert Instruction:** Suggestions include hiring industry professionals to conduct longer, specialized courses (4–6 months) to ensure students are updated on the latest technologies.
- **Alumni Network:** Students desire a more accessible alumni mentorship network for industry insights and career opportunities.

Conclusion

The feedback indicates a student body that is highly motivated but feels constrained by traditional academic structures. The overarching perception is a shift toward **autonomy, transparency in grading, and practical, project-based learning**. Addressing the "teaching-exam difficulty gap" and modernizing administrative processes (like digital marksheets and attendance flexibility) are the most critical immediate needs identified by the students.

13.5 Employer Feedback

Based on the analysis of the employer feedback forms from various companies (including Bitkraft, Zeta, Willis Towers Watson, GEP, and others) provided in the document, a detailed report is provided below on how industry partners perceive Sardar Patel Institute of Technology (SPIT).

1. Reasons for Choosing SPIT for Recruitment

Employers consistently cited two primary reasons for considering SPIT for their campus recruitment cycles:

- **Reputation of the Institution:** Almost every employer marked this as a key factor, indicating that SPIT's brand name carries significant weight in the corporate sector.
- **Performance of Alumni:** Companies that have previously hired from SPIT reported that the high performance of existing employees from the institute encourages them to return.
- **Interaction:** A secondary reason included positive interactions with students and faculty during seminars, internships, and projects.

2. Performance Ratings (Scale of 1 to 5)

The majority of employers rated SPIT students in the high-performance bracket (4 to 5):

- **Technical Skills (Rating: 4-5):** Students are generally viewed as technically sound, with strong foundational knowledge in their respective engineering domains.
- **Soft Skills (Rating: 4-5):** Employers noted that students are professional and possess good interpersonal skills, though this is also the area with the most suggestions for fine-tuning.
- **Hospitality & Logistics (Rating: 4-5):** The TPO (Training and Placement Office) was frequently praised for its seamless handling of the recruitment process.

3. Key Strengths Perceived by Employers

- **Enthusiasm and Keenness:** Recruiters specifically noted that students show a high level of "enthusiasm and keen interest" during the interview process.

- **Quick Learners:** Several forms mentioned that SPIT students are quick to grasp new concepts and adapt to the company's specific tech stacks.
- **Professionalism:** The "behavioral aspect" and "professionalism" of the candidates were highlighted as meeting or exceeding industry standards.

4. Areas for Improvement (Skills Gap)

While the feedback was overwhelmingly positive, employers identified specific areas where students could improve to be more "industry-ready":

- **Communication Clarity:** One recruiter (Bitkraft) specifically mentioned that "communication needs to be clearer." This refers to the ability to explain technical concepts simply and effectively.
- **Advanced Technical Exposure:** Suggestions were made to mentor students in emerging technologies beyond the standard curriculum to reduce the training time after joining.
- **Confidence in Presentation:** A few recruiters noted that while the technical content is present, the "delivery and confidence" during presentations or group discussions could be sharpened.

5. Desired Future Interactions

Companies expressed a strong interest in moving beyond just recruitment to build a deeper ecosystem with SPIT through:

- **Internships:** Nearly all recruiters checked this box, preferring to evaluate students over a longer period before offering full-time roles.
- **Industry Visits & Guest Lectures:** There is a high demand for industry experts to come to campus to bridge the gap between theoretical and practical knowledge.
- **Collaborative Projects:** Some companies (like Zeta) showed interest in engaging with students and faculty on live industry projects.

Summary Table: Employer Perception

Parameter	Perception	Industry Advice
Technical Competence	Exceptional	Focus on applying logic to real-world scenarios.
Recruitment Experience	Smooth	Maintain the high standard of TPO hospitality.
Soft Skills	Good	Enhance clarity of communication and presentation.
Alumni Impact	Strong	Alumni performance is the best advertisement for SPIT.

13.6 Feedback-Based Action Plan

Based on the feedback received from various stakeholders, the institute will undertake several focused actions for continuous improvement. Efforts will be made to enhance the research culture by increasing student participation in technical publications, conferences, and funded projects. Entrepreneurship support will be strengthened by improving the effectiveness of Start-up School mentorship and providing better guidance for student-led innovations. The mentorship system will be improved to offer more industry-oriented career guidance and raise satisfaction levels among stakeholders. To address concerns regarding extra-curricular activities, the institute will work towards balancing the academic schedule and providing better facilities for sports and related activities. Infrastructure-related issues, particularly cleanliness of washrooms, drinking water facilities, and canteen services, will be improved.

Further, structured mechanisms will be developed to enhance alumni engagement in academic and developmental activities of the institute. The curriculum will be periodically updated to align with current industry requirements, with increased flexibility in course selection. Faculty development initiatives will be undertaken to promote student-centric and interactive teaching methodologies. Transparency in the evaluation process will be strengthened, and measures will be taken to reduce academic pressure by reviewing attendance policies and allowing flexibility for participation in internships and competitions. Industry readiness will be enhanced through increased exposure to internships, involvement of industry experts, and practical learning opportunities. Additionally, training programs will be conducted to improve students' communication skills, presentation abilities, and overall confidence.

