

**VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY**



**DEPARTMENT OF ELECTRONICS &
TELECOMMUNICATION ENGINEERING**

Departmental Report

(January 2022 to October 2022)



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

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Department Report (From 1st January 2021 to 31st October 2022)

Various activities conducted in the Department of Electronics & Telecommunication, from 1st January 2022 to 31st October 2022 have been categorized as mentioned below.

Faculty Contribution

1. Orientation Programs attended by Faculty

Sr. No.	Attended By	Course description	Organized by	Date
1	Mrs. Ashwini Sawant	Electromagnetic and Antenna (ECC 601)	Electronics & Telecommunication Engg Dept, Vivekanand Education Society's Institute of Technology, Chembur	18/01/2022
2	Dr. Nandini Ammanagi	Electromagnetics and Antenna (ECC 601)	Electronics & Telecommunication Engg Dept, Vivekanand Education Society's Institute of Technology, Chembur	18/01/2022
3	Mr. Mrugendra Vasmatkar	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
4	Dr. Monali Chaudhari	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
5	Mrs. Ashwini Sawant	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
6	Mrs. Manisha Joshi	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
7	Mrs. Jyoti Bagate	Mini-Project 2B:FPGA based	Vivekanand Education	15/01/2022



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		project (ECM601)	Society's Institute of Technology, Chembur	
8	Dr. Nandini Ammanagi	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
9	Mrs. Arti Sawant	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
10	Mr. Chintan Jethva	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
11	Mrs. Rasika B. Naik	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
12	Mr. Shobhit K. Khandare	Mini-Project 2B:FPGA based project (ECM601)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
13	Mrs. Ashwini Sawant	Artificial Neural Network and Fuzzy Logic(ECC604)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
14	Mrs. Manisha Joshi	Artificial Neural Network and Fuzzy Logic(ECC604)	Vivekanand Education Society's Institute of Technology, Chembur	15/01/2022
15	Dr. Nandini Ammanagi	Skill Lab : Linux & Networking and Server Configuration(ECL_604)	Computer Engg Dept, Terna Engg College, Nerul, Navi Mumbai	15/01/2022
16	Dr. Monali Chaudhari	Computer Communication network (ECC602)	SIES Graduate School of technology	14/01/2022
17	Mrs. Jyoti Bagate	Computer Communication network (ECC602)	SIES Graduate School of technology	14/01/2022
18	Mrs. Rasika B. Naik	Computer Communication Networks (ECL 602)	SIES graduate school of Technology	14/01/2022



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19	Mr. Chintan Jethva	Computer Communication network (ECC602)	SIES Graduate School of technology	14/01/2022
20	Mr. Mrugendra Vasmatkar	Image Processing and Machine Vision (ECC 603)	Vivekanand Education Society's Institute of Technology, Chembur	13/01/2022
21	Dr. Monali Chaudhari	Image Processing and Machine Vision (ECC 603)	Vivekanand Education Society's Institute of Technology, Chembur	13/01/2022
22	Mrs. Ashwini Sawant	Image Processing and Machine Vision (ECC 603)	Vivekanand Education Society's Institute of Technology, Chembur	13/01/2022
23	Mr. Shobhit K. Khandare	Database Management System	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai	12/01/2022
24	Dr. Monali Chaudhari	cloud computing and security	RAIT, Nerul	16/07/2022
25	Dr. Monali Chaudhari	on 5G Technology	Pillai HOC COE, Rasayani	16/07/2022
26	Dr. Monali Chaudhari	Internet Communication Engineering	SIES Graduate School of Technology, Nerul , Navi Mumbai on behalf of University of Mumbai.	15/07/2022
27	Dr. Nandini Ammanagi	Internet Communication Engineering	SIES Graduate School of Technology, Nerul , Navi Mumbai on behalf of University of Mumbai.	15/07/ 2022
28	Mrs Rasika B. Naik	Orientation Program on Internet Communication Engineering	SIES Graduate School of Technology, Nerul , Navi Mumbai on behalf of University of Mumbai.	15/07/2022
29	Mrs Rasika B. Naik	Orientation Program on Mobile Communication Systems	Vidyavardhini College of Engineering and Technology, Vasai Road	14/07/2022



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30	Arti Sawant	Orientation Programme for the course Cloud Computing and Security (ECCDLOC 7013)	RAIT, Nerul	16/07/2022
31	Mr.Gaurav Tawde	Online Faculty Orientation Program for the subject Internet Communication Engineering (ECCDLO_7023) Revised 2019-C Scheme syllabus	SIES Graduate School of Technology, Nerul , Navi Mumbai on behalf of University of Mumbai.	15/07/2022
32	Mr.Gaurav Tawde	Online Faculty Orientation Program for the subject Robotics Revised 2019-C Scheme syllabus	Fr. Conciecao Rodrigues College of Engineering, Bandra, Mumbai	15/07/ 2022
33	Mr.Gaurav Tawde	Online Faculty Orientation Program for the subject Deep Learning (ECCDLO_7012) Revised 2019-C	Thadomal Shahani COE, Bandra, Mumbai	15/07/2022
34	Mr.Gaurav Tawde	Online Faculty Orientation Program for the course of “Mobile Communication “System	Vidyavardhini's College of Engineering and Technology, Vasai, on behalf of University of Mumbai	14/07/2022
35	Mr.Gaurav Tawde	Online Faculty Orientation Program for the department level elective course “5G Technology (ECCDLO7022)” Rev 2019 'C' Scheme	Pillai HOC College of Engineering and Technology, Rasayani, Dist. Raigad	14/07/2022
36	Mr.Gaurav Tawde	Online Faculty Orientation Program for the department level elective course “Big Data Analytics (ECCDLO7014)”	RAIT, Nerul	14/07/2022
37	Anuradha Jadiya	Orientation Programme for the course Cloud Computing and Security (ECCDLOC 7013)	RAIT, Nerul	16/07/2022



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2. Workshops/Courses conducted by Faculty

Sr. No.	Conducted By	Course description	Organized by	Date
1	Dr. Ranjan Bala Jain, Mrs. Rasika Naik, & Mrs. Manisha Joshi	Software Defined Radio and MIMO Configurations	EXTC, VESIT	14/03/2022 - 15/03/2022

3. Workshops/Courses attended by Faculty

Sr. No.	Attended By	Course description	Organized by	Date
1	Dr. Monali Chaudhari	Global Navigation satellite system and location based services	ISRO & Indian Institute of Remote Sensing, Dehradun	21/2/22 to 4/3 /22
2	Dr. Nandini Ammanagi	Global Navigation Satellite System and Location based services	ISRO & Indian Institute of Remote Sensing, Dehradun	21/02/2022 to 04/03/2022
3	Mrs. Rasika B. Naik	Global Navigation Satellite System and Location based services	ISRO & Indian Institute of Remote Sensing, Dehradun	21/02/2022 to 04/03/2022
4	Mrs. Ashwini Sawant	Practical perspective on decision making education	AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology, Mumbai	03/01/2022 to 07/01/2022
5	Mrs. Manisha Joshi	Practical perspective on decision making education	AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology, Mumbai	03/01/2022 to 07/01/2022
6	Dr. Nandini Ammanagi	Practical perspective on decision making education	AICTE Training and Learning (ATAL) Academy, Bharati	03/01/2022 to 07/01/2022



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			Vidyabhavan Sardar Patel institute of Technology, Mumbai	
7	Mrs. Rasika B. Naik	Practical perspective on decision making education	AICTE Training and Learning (ATAL) Academy, Bharati Vidyabhavan Sardar Patel institute of Technology, Mumbai	03/01/2022 to 07/01/2022
8	Mrugendra Vasmatkar	Innovation Ambassador-IA Training Foundation Level	Ministry of Education, AICTE, MOE's Innovation Cell Government of India, IIC	Sept-Oct-2022
9	Mrugendra Vasmatkar	Innovation Ambassador-IA Training Advanced Level	Ministry of Education, AICTE, MOE's Innovation Cell Government of India, IIC	Sept-Oct-2022
10	Dr. Monali Chaudhari	Amazon Web Services	E&TC Department, AISSMS Institute of Information Technology, Pune in collaboration with BRAINOVISION SOLUTIONS INDIA PVT. LTD & AICTE, Ministry of Education, India	22nd August 2022 to 27th August 2022
11	Mr. Gaurav Tawde	Five Days Faculty Development Program(FDP) on "Computer Vision in Machine Learning"	Department of Computer Engineering, at Datta Meghe College of Engineering, Navi Mumbai	17th October 2022 to 21st October 2022



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4. Project Exhibition

Sr. No.	Project description	Date
1	E-SANCHAR 2021	18/04/2022 & 19/04/2022

5. Skill Enhancement Lectures (SEL)

Sr. No	Company Name	Name of Speaker	Designation	Date	No of students	Subject	Topic	Subject Teacher
1	Tech Mahindra	Mr. Rajhans Shere	Network Architect	25/03/22	60	Network Management in Telecommunication	Cloud Networking	Mrs. Arti Sawant, Mrs. Himali Patel
2	NESA Radiation Solutions Pvt Ltd	Mr. Vikas Singh	Chief RF Engineer	16/09/22	76	Mobile Communication System	Radiation Hazards and remedies	Dr. Saylee Gharge, Mrs Rasika Naik
3	Accenture	Mr. Aditya Krishnan	Digital Strategist & Consultant	15/09/22	80	Big Data Analytics	Search Engine Optimization and Algorithms	Dr. Ranjan Bala Jain, Mrs. Manisha Joshi

6. National Initiative for Technical Teachers Training courses attended by faculty

Sr. No.	Attended By	Module No.	Course description
1	Mr. Chintan Jethva	3	Communication Skills and Knowledge Dissemination
		5	Technology Enabled Learning and Life-long self-learning
		7	Creative Problem Solving, Innovation and Meaningful research and development
		8	Institutional Management & Administrative Procedures
2	Mr. Gaurav Tawde	3	Communication Skills and Knowledge Dissemination



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		4	Instructional Planning and Delivery
		5	Technology Enabled Learning and Life-long self-learning
		6	Student Assessment and Evaluation
		7	Creative Problem Solving, Innovation and Meaningful research and development
		8	Institutional Management & Administrative Procedures
3	Mrs. Himali Patel	1	Orientation Towards Technical Education and Curriculum Aspects
		2	Professional Ethics & Sustainability
		3	Communication Skills and Knowledge Dissemination
		4	Instructional Planning and Delivery
4	Mrs. Anuradha Jadiya	3	Communication Skills and Knowledge Dissemination
		4	Instructional Planning and Delivery
		5	Technology Enabled Learning and Life-long self-learning
		6	Student Assessment and Evaluation
		7	Creative Problem Solving, Innovation and Meaningful research and development
		8	Institutional Management & Administrative Procedures
5	Mrs. Neeta Chavan	3	Communication Skills and Knowledge Dissemination
		4	Instructional Planning and Delivery
		5	Technology Enabled Learning and Life-long self-learning
		6	Student Assessment and Evaluation
6	Mrs. Arti Sawant	3	Communication Skills and Knowledge Dissemination
		4	Instructional Planning and Delivery
		5	Technology Enabled Learning and Life-long self-learning
		6	Student Assessment and Evaluation
		7	Creative Problem Solving, Innovation and Meaningful research and development
		8	Institutional Management & Administrative Procedures
7	Mrs. Jyoti Bagate	3	Communication Skills and Knowledge Dissemination
		4	Instructional Planning and Delivery
		5	Technology Enabled Learning and Life-long self-learning



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		6	Student Assessment and Evaluation
		7	Creative Problem Solving, Innovation and Meaningful research and development
		8	Institutional Management & Administrative Procedures

7. Research Paper Publications

Sr. No	Name of authors	Title	Date	National/ International	Journal / Conference	Organized By	Publisher
1	Ashwini Sawant	Ultrasound Image Enhancement using Super Resolution	June 2022	International	ELSEVIER Journal	Biomedical Engineering Advances Journal, Volume 3, June 2022, 100039	ELSEVIER
2	Mrs. Rasika Naik	Vehicle anti-theft immobilization System	30th April, 2022	National	Conference	National Level Technical paper presentation - "Technovation"	-
3	Mrs. Rasika Naik	Precision based Pseudo Random Sequence Generator using B Exponential Map	March, 2022	-	Journal	Journal of The Institution of Engineers (India) (IEIB): Series B	Springer
4	Dr. Ranjan Bala Jain	ExFAURL Scanner: A Framework for Malware	19th & 20th February, 2022	International	Conference	IEEE International Students'	IEEE



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		Detection in Binary Files and URLs using Machine Learning Techniques				Conference on Electrical, Electronics and Computer Science (SCEECS)	
5	Mrs. Rasika Naik	Review on Applications of Chaotic Maps in Pseudo-Random Number Generators and Encryption	January, 2022	–	Journal	Annals of Data Science (AODS) Jan 2022	Springer
6	Mr. Mrugendra Vasmatkar	Data Leakage in Android and Anomaly Based Intrusion Detection and Prevention System	26-28/8/2022	International	Conference		IEEE

8. Research Forum - Experts talk

Sr. No.	Date	Duration	Name of Expert	Designation & Organization	Topic	Attended By
1	22/04/2022	1Hr	Mr. Girish Dandige	Business Transformation Consultant, Ex Program Director, TCS	Success Mantra for Project Management	VESIT Staff
2	12/8/2022	1 Day	Dr. S.P. Bhattacharya	Professor, College of Engineering, Texas A&M University	PID Controller Design	Students and staff of EXTC, ETRX & INST department



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9. Patent Publication

Sr. No	Patent Inventor Name	Patent Name	Patent Co-Inventor	Patent Status
1	Mrs. Manisha Joshi	Electronic Vision Assistance system	Mrs. Shoba Krishnan, Premkumar Joshi, Sanket Agarwal, Pawan Ailani, Harsh Shambhwani, Amit Israni	Published



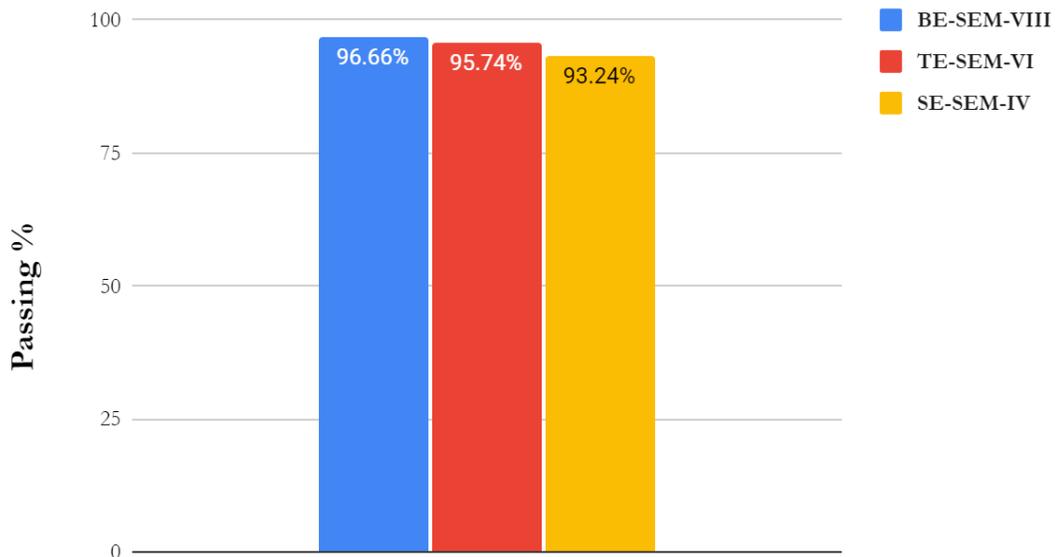
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Students Achievements

1. Academic excellence

Statistical graphs illustrating the performance of the students by the end semester results from University of Mumbai for Academic year 2021-22 even semester.



Department of EXTC- Academic result - 2021-22 (Even Sem)

2. Placement statistics

Campus placement holds are of utmost importance for students in today's competitive world.

a. 2021-22 Batch

2021-22 batch EXTC students are placed in renowned organizations with very good packages. A total of 36 companies visited the college and a total of 119 offers from various companies like JPMC CFG, IVP, Deloitte, TSS, Accenture, LTI, Capgemini, Quantiphi, EY, TCS, Wipro, etc. were given. These include 34 dream job offers. Details are as follows:



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Sr. No.	Company	Number of Job offers =119	Salary (Lac/Annum)
1	JPMC-CFG	1	14
3	Indus Valley Partners	1	7.52
4	Interactive brokers	0	9,35,185/- + Bonus
5	Carwale	0	7.5
6	Dolat capital	0	8
7	Deloitte	7	7.6
8	TSS	1	4
9	Quantiphi	4	8.5
10	Selec Control(core)	4=3(1)	4.25
11	EY	7	4.5
12	Accenture(ASE)	16=14(2)	4.5
13	Accenture (AFSE)	4=3(1)	6.5
14	CapGemini	13=9(4)	4
15	LTI	4	5
16	EVO Sys(off campus)	1	3.6
17	TCS Ninja	9=5(4)	3.36
18	Wipro	10=7(3)	3.5
19	Alight Services	5	5
20	Games 24*7	2=1(1)	11
21	Kotak Securities	1=0(1)	10
22	L&T GET(core)	0	6
23	NSEIT	7=5(2)	6
24	Research Wire (core)	1	6
25	AWS	2	6
26	Sciative Solution	3=2(1)	4
27	Acumen Security	3	6
28	Citius Tech	3	5.5
29	GEP	2	5.5
30	Schneider Electric	0	7
31	Media.net	0	7



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32	Here Technology	0	7.5
33	Aver Solutions	1	4
34	HCL	1	4
35	Godrej	2	5.5 + variable
36	Adapty	1	4.4
37	JT Optics	1	2.8
38	Browser Stack	1	10.45
39	Reliance Jio	1	3.65

b. 2022-23 Batch

For 2021-22 EXTC batch, a total of 15 companies visited the college and a total of 119 offers from various companies like JPMC, Deloitte, Acumen Security (Acucert LLP), Accenture, LTI, Capgemini, Quantiphi, Kotak Mahindra Bank etc. were given. These include 34 dream job offers. Details are as follows:

Sr.No.	Company	Number of Job offers = 54	Salary Lacs/Annum
1	JPMC	4	17.75
2	Carwale	1	9
3	Quantiphi	3	8.5
4	Deloitte	16	7.6
5	Selec Control	3	5-7
6	Acumen Security (Acucert LLP)	5	6
7	Accenture	5	4.5
8	Ernst & Young	3	6.37
9	FYND	1	13.5
10	ITC Infotech	3	4.25
11	LTI (Level 2)	2	6.5
12	LTI (Level 1)	1	5
13	LTI (Level 0)	1	4
14	Apport Software solution Pvt Ltd (QuickSell)	1	15
15	Kotak Mahindra Bank	5	10



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3. Higher Studies

Sr. No.	Name of Student	University	Field of Specialization
1	Aman Kadam	University College of Dublin	MSc Supply Chain Management
2	Madhumita Menon	University of Manchester	MSc Communications and Signal Processing
3	Harshit Joshi	Syracuse University	Master's in Information Systems
4	Pranav Pawar	Southern Methodist University	Masters in Networking
5	Sameer Nimse	Northeastern University	Master of Science in Information Systems
6	Mansi Kasar	Indiana University-Purdue University Indianapolis	Masters in Human Computer Interaction
7	Manasee Parulekar	University of Southern California	MS - Electrical and Computer Engineering
8	Ishika Misal	Boston University	Masters in Computer Information Systems
9	Muskaan Bhargava	North Carolina State University	MS - Electrical Engineering
10	Satadru Debnath	University of Texas at Austin	MS in Information Studies
11	Veerabh Mahadik	Rochester Institute of Technology, NY	MS in Information Technology & Analytics
12	Aarya Naik	University of Southern California	MS - Electrical and Computer Engineering
13	Pendyala Sri Mahalakshmi	University of Texas at Dallas	MS -Information Technology and Management

4. Competitive Exams

Sr. No.	Name of Student	Name of Exam
1	Akshay Khanna	TOEFL
2	Arnab Saha	TOEFL



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3	Aman Kadam	IELTS
4	Dhairya Nagpal	GATE
5	Ishika Misal	TOEFL
6	Mansi Kasar	TOEFL
7	Muskaan Bhargava	TOEFL, GRE
8	Pranav Pawar	TOEFL
9	Satadru Debnath	IELTS
10	Sameer Nimse	TOEFL
11	Madhumita Menon	IELTS
12	Harshit Joshi	TOEFL, GRE
13	Saheb Wadhwa	GATE
14	Jatin Dandelia	GATE
15	Manasee Parulekar	TOEFL, GRE
16	Aarya Naik	TOEFL, GRE
17	Kritika Pathak	TOEFL

5. Industry Projects

Sr. No.	Name of Industry	Title of Project	Name of Students	Project Mentor
1	Development of FPGAS based systems for radiation monitoring system	Development of FPGAS based systems for radiation monitoring system	Tanmayee Bochare, Kaustubh Pawar, Shantanu Deshmukh Milind Sawant	Mrs. Jyoti B
2	Development of FPGAS based systems for radiation monitoring system	Development of FPGAS based systems for radiation monitoring system	Dsouza Alrich Xavier, Pratik Patkar, Atharva Petkar, Aayushi Rajeshirke	Mr. Mrugendra Vasmatkar
3	Development of FPGAS based systems for radiation monitoring system	Development of FPGAS based systems for radiation monitoring system	Vaishnavi Amritwar, Ashutosh Deorukhkar, Madhura Ghanwat, Atharva Nayak	Mr. Mrugendra Vasmatkar



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6. Industrial Visit

Sr. No.	Company Name	Company Location	Date	Duration
1	CETTM MTNL, Powai	Powai, Mumbai	14/09/2022	1 day

7. Workshops/Seminars attended by students

Sr. No.	Attended By	Course description	Organized by	Date
1	Sujay Manchekar	Introduction to IPR and Patent Filing Procedure.	VESIT- Institution's Innovation, Council	23/02/2022
2	Aryan Chaudhary	7 Habits of Highly Effective People	National Institute of Technology, Andhra Pradesh	30/01/2022
3	Udit Koli, Pooja Narayanan, Pooja Ghadge, Pradeesh Reddy	8051 Workshop	ISA, VESIT	30/07/22
4	Mansi Pawar, Madhura Ghanwat, Pooja Narayanan, Gaurang Kedare, Omkar Maurya, Shreyash Dhasade, Vikas Dhakane	PCB Workshop	ISA, VESIT	3/8/2022, 04/08/2022 & 05/08/2022
5	Vrushabh Karavde, Rohit Dahara, Vedant Vijay Patil	3D Printing Workshop	ISA, VESIT	25/08/22 & 26/08/22
6	Aditya Naresh, Anushka Darure, Ashutosh Deorukhkar, Chaitali Kulkarni, Pooja Narayanan,	THREE.JS Workshop	ISA, VESIT	17/9/22 & 18/9/22



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	Pooja Mahankuda			
7	Shweta Mane, Tanmayee Bochar, Atharva Petkar, Pooja Ghadage, Pratham Patil, Shreyas Sarang, Hemraj Jeetarwal, Satyam Mishra, Pratik Patkar, Pooja Mahankuda, Alrich Dsouza, Yuvraj Harad, Prince Gupta, Omkar Maurya, Milind Sawant, Pooja Narayanan, Rohit Kumar Singh, Tejas Sharma, Sheeza Khan, Rishika Chaubal, Achintya Kumar,	ROBOTICS Workshop	ISA, VESIT	24/09/22

8. Students Internship

Sr. No.	Attended By	Course description	Company Name	Date
1	Nishant Pathare	Graphic Design	Pi R Square	01/01/2022 to 30/04/2022
2	Maitreya Kadam	Data Science and Business Analytics	The Sparks Foundation	01/06/2022 to 02/07/2022
3	Rajat Sunil Mhatre	Business Development Associate	Vkonex AI	15/01/2022 to 15/03/2022



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4	Avantika Shetty	Network monitoring and management with Cloud fundamentals	Orange Business Services	20/06/2022 to 15/07/2022
5	Abhishek Bhatia	Network monitoring and management with cloud fundamentals	Orange Business Services	20/6/2022 to 15/7/2022
6	Atharva Kale	Maintenance Department	Hindustan Petroleum Corporation Limited(HPCL)	6/6/2022 to 6/7/2022
7	Yash Chavan	Data Science And Business Analytics	The Sparks Foundation	2/6/2022 to 2/7/2022
8	Kshitij Nag	Data Science and Business Analytics	The Sparks Foundation	1/2/2022 to 21/2/2022
9	Manas Mahendra Singh	Network Management and Monitoring with Cloud	Orange Business Services	30/6/2022 to 15/7/2022
10	Atharva Joshi	Data Science And Business Analytics	The Sparks Foundation	1/6/2022 to 30/6/2022
11	Shreya Raghunath Kate	Networking	Commtel Networks Pvt. LTD.	1/6/2022 to 15/6/2022
12	Manu Siddharth	Satellite and Radio Communication. SCADA	Oil and Natural Gas Corporation	5/6/2022 to 4/7/2022
13	Aryan Gupta	Networks and Cybersecurity.	KGreen Technology	20/6/2022 to 20/7/2022
14	Ameya Dikshit	Python Instructor	Learn For Cause	14/7/2022 to 14/8/2022
15	Rahul Jeswani	Java and MySQL	Kamal Classes	8/6/2022 to 9/7/2022
16	Rahul Jeswani	MySQL WITH PL/SQL DATABASE	Kamal Classes	8/6/2022 to 27/6/2022



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		PROGRAMMING		
17	Abhishek Ajit Bhingarde	Core Java(Application development)	Internshala	1/6/2022 to 13/7/2022
18	Abhishek Ajit Bhingarde	Core Java(Java App Development)	Internshala	1/6/2022 to 13/7/2022
19	Harshal Sanjay Raut	Digital signal processing	IIT KHARAGPUR	5/6/2022 to 15/7/2022
20	Aishvarya Mahadeo Birambole	Ethical Hacking	Techgyan Technologies	1/5/2022 to 25/6/2022
21	Puja Mahankuda	Iot and App development	VESIT	1/6/2022 to 5/7/2022
22	Shantanu Nilesh Deshmukh	VLSI FPGA Development	VESIT RENAISSANCE	1/6/2022 to 30/6/2022
23	Kaustubh Pawar	FPGA development	VESIT	1/6/2022 to 30/6/2022
24	Ayush Pramod Kotkar	IOT and App Development	Vesit Renaissance	1/6/2022 to 5/7/2022

9. Value Added NPTEL Courses

Sr. No.	Year of Students	NO. Of Students Enrolled	NPTEL Course description	Period
1	TE	78	Ethics in Engineering Practices	July-oct
2	BE	25	Entrepreneurship	July-oct
3	SE	77	Developing Soft Skills and Personality	July-oct



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10. Student paper publications

Sr. No.	Group Members	Project Mentor	Topic of the paper	Organized By	Published by	Date
1	Saachi Dudani	Mr. Chintan Jethva	Stock Analyzer and Bot using Machine Learning	IEEE Region 10 Symposium (TENSYP 2022)	–	July, 2022
	Esa Malik					
	Manish Sonje					
	Gaurav Tanna					
2	Mr. Abhishek Singhal	Dr. Monali Chaudhari	Enhanced Energy Efficient clustering protocol	International Conference on Advances in Science and Technology	Scopus, CPCI, Crossref and Google Scholar	27th & 28th May, 2022
	Mr. Sameer Nimse					
	Ms. Vanshila Dangi					
	Ms. Ayushi Ved					
3	Mr. Shiv Kaul	Dr. Monali Chaudhari	Analysis of Power in WSN using Energy Harvesting Sources	International Conference on Advances in Science and Technology	Scopus, CPCI, Crossref and Google Scholar	27th & 28th May, 2022
	Mr. Kamlesh Madan					
	Mr. Suraj Sahu					
	Mr. Siddesh Kurhade					
4	Altaf Bin Sarfraz	Mrs. Himali Patel	Drone Detection using Deep Learning	IEEE International conference on Applied Artificial Intelligence and Computing (ICAAIC 2022)	–	9th to 11th May, 2022
	Rohit Ambesh					
	Harshit Joshi					
	Chirag Kapoor					
5	Mohit Adhikari	Mrs. Arti	Comparative analysis of Fake	7th International conference on	–	May, 2022



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	Asif Khan	Sawant	reviews monitoring and detection using Logistic regression, Decision tree and Support vector machine	Innovation and Research in Technology and Engineering		
	Janhavi Gogawale					
	Deepak Dhumal					
6	Saurav Telge	Dr. Ranjan Bala Jain	Tumordc.AI: A Comprehensive Deep Learning-based Brain Tumor Detection and Classification system	3rd International Conference on Artificial Intelligence: Advances and Applications (ICAI AA 2022)	–	23rd & 24th April, 2022
	Ryan Rodricks					
	Adarsh Singh					
	Mrunmayee Waingankar					
7	Ms. Anisha Naik	Dr. Monali Chaudh ari	Cardiac Arrhythmia Detection using Deep Learning	Science, Technology and Development Journal	UGC care approved Journal	April, 2022
	Ms. Deepali Pathak					
	Mr. Dilip Hingroni					
8	Shardul Khot	Mr. Gaurav Tawde	Automated Attendance Management System	International Research Journal of Engineering and Technology (IRJET) Volume: 09	–	April, 2022
	Deepesh Shahdadpuri					
	Mahek Tardeja					
	Aakash Hotchandani					
9	Gaurav Jagwani	–	DDoS attack detection and Botnet Prevention using Machine	IEEE International conference on Advanced Computing and Communications	–	25th & 26th March, 2022
	Neha Nishad					
	Mohit Kukreja					
	Namrata Deb					



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			Learning	System (ICACCS 2022)		
10	Ms. Trupti Sonawane	–	M-VAHITARAM : AI based android application for automated crowd control management in bus transport service	International conference on Emerging Trends and Technologies on Intelligent Systems (ETTIS-2022) in association with the Petroleum-Gas University of Ploiesti, Romania	–	22nd & 23rd March, 2022
11	Mr. Arnab Saha	Mrs. Ashwini Sawant	Medical Image De-Speckling Using Fusion of Diffusion-Based Filters and CNN	International Conference on Advanced Computing and Communication Systems (ICACCS)	–	March, 2022
	Ms. Mansi Kasar					
	Mr. Swapnil Gore					
	Mr. Pranav Birawadkar					
12	Madhumita Menon	Mr. Gaurav Tawde	ISL Translator for Caregivers	International Research Journal of Engineering and Technology Volume: 09	–	March, 2022
	Mayur Shinde					
	Avinash Tripathy					
13	Bharati Eralla	Mr. Chintan Jethva	X-Ray-Based Quick COVID-19 Detection System	2nd International conference on engineering, social science & Humanities	–	March, 2022
	Manav Khemani					
	Hitesh Motwani					
	Disha Mangwani					
14	Kumar Bajaj	Mrs. Rasika Naik	Smart shopping cart with smart billing using	International Journal of Multidisciplinary	Sucharitha Publication, India	March, 2022
	Omkar Bodake					
	Shrirang Rathi					
	Nikhil Tekchandani					



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			NodeMCU and RFID	Educational Research		
15	Varun Vicharay	Mrs. Neeta Chavan	Driving assistant with crash detection and alert system using machine learning and IOT	International Journal of creative research thoughts	–	January, 2022
	Omkar Salunkhe					
	Siddhant Sawant					
	Ayush Sachdev					
16	Aditya R Achar	-	Data Leakage in Android and Anomaly Based Intrusion Detection and Prevention System	IEEE conference-2022 2nd Asian Conference on Innovation in Technology (ASIANCON), 26-28 August 2022	IEEE	
	Ambesh Mishra					
	Diksha Makhijani					
	Dhairya Nagpal					

11. Co-curricular activities

11.1. Inter college competitions

Sr. No.	Name Of The Student	Name Of The Event	Name Of College	Awards	Level
1	Isha Chavan	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
2	Isha Chavan	7th India International Science Festival- Engineering Students Festival	Ministry of Science & Technology and Ministry of Earth Sciences, Government of India	Participated	International



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3	Saakshi Karkera	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
4	Saakshi Karkera	7th India International Science Festival	Ministry of Science & Technology and Ministry of Earth Sciences, Government of India	Participated	International
5	Aishvarya Birambole	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
6	Aishvarya Birambole	7th India International Science Festival	Ministry of Science & Technology and Ministry of Earth Sciences, Government of India	Participated	International
7	Khan Md. Ayan	National level Tech Fest TANTRA 2022	Vasandada Patil Pratishthan's college of Engineering and Visual Arts	Participated	national
8	Risa Samanta	CIIA	CIIA	Participated	Mumbai University level
9	Risa Samanta	7th India International Science Festival	Ministry of Science & Technology and Ministry of Earth Sciences, Government of India	Participated	International
10	Nidhi Mundhada	Tech 4 good	VESIT	Participated	national
11	Riddhi Joshi	Tech 4 Good National Project Competition	VESIT	Second Prize	national



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		(Second Prize winner)			
12	Arunkumar Mariappan	Tech 4 Good National Project Competition (Second Prize winner)	VESIT	Second Prize	national
13	Farheen khan	Tech 4 Good National Project Competition (Second Prize winner)	VESIT	Second Prize	national
14	Heeral Chumber	Tech 4 Good National Project Competition (Second Prize winner)	VESIT	Second Prize	national
15	Nafees Akhter	National level Tech Fest TANTRA 2022	Vasandada Patil Pratishtan's college of Engineering and Visual Arts	Participated	national
16	Aishvarya Birambole	Tech Fest UNSCRIPT 2K22	Fr. Conceição Rodrigues College of Engineering	Participated	College Level
17	Riddhi Joshi	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
18	Arunkumar Mariappan	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level



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19	Farheen khan	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
20	Heeral Chumber	CIIA Inter-Institution Innovation Exhibition and competition	CIIA	Participated	Mumbai University level
21	Varun Bhat	IIT Bombay and IEEE "TENSYP 2022"	TENSYP 2022	shortlisted for poster presentation along with paper presentation	International
22	Pooja Ghadage	TECHFEST-Mesmerize event	IIT-Bombay	Participated	-

11.2. Intra college competitions

Sr. No.	Name Of The Student	Name Of The Event	Awards
1	Isha Chavan	LBS Championship 2021-22	Second Prize
2	Saakshi Karkera	LBS Championship 2021-22	Second Prize
3	Risa Samanta	LBS Championship 2021-22	Second Prize
4	Aishvarya Birambole	LBS Championship 2021-22	Second Prize



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11.3. E-Sanchar 2022 Project Exhibition

Sr. No.	Group Members	Project Mentor	Project Name	Awards
1	Kulkarni Yusuf Asif Ahmed	Mrs. Ashwini Sawant	Urja Bhavan	Second
	Soni Tanvi Raj			
	Wadhwa Saheb Shankar			
	Salve Kaustubh Arun			
2	Davkhar Sakshi Shivaji	Mr. A. Nagananda	Portable Retinoscope with VR- Name of Guide	Participated
	Borghare Sahil Kishor			
	Saindane Purva Mahendra			
	Patil Aayush Amit			
3	Khare Rohan Yogesh	Mr. Shobhit Khandare	Green Corridor Implementation and Real Time Adaptive Traffic Regulation using Machine Learning and Image Processing	Participated
	Naik Aarya Rajendra			
	Raj Shikhar			
	Srivastava Anusha Manoj			
4	Dudani Saachi Sanjeev	Mr Chintan Jethwa	Stock Analyser and trading bot using Machine Learning	Participated
	Sonje Manish			
	Tanna Gaurav Rakesh			
	Malik Esa			



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	Mohammed Hussain			
5	Salunke Omkar	Mrs. Neeta Chavan	Driving assistant with crash detection and alert system using ML and IoT	First
	Sachdev Ayush Shyamlal			
	Sawant Siddhant			
	Vicharay Varun			
6	Akshat Tiwari	Dr.Ranjan Bala Jain	Stock Market Prediction Using Machine learning	Third
	Simran Jadhav			
	Kritika Pathak			
	Shazia Shaikh			
7	Dhanshri Agrawal	Dr.C.D.Rawat	The analysis of peanut quality using digital image processing	Participated
	Kshitij Koli			
	Riddhi Rane			
	Shruti Varhadi			
8	Muskaan Bhargava	Dr.Nadir Charniya	Computer Vision Based Automated Crowd Management in Bus Transport Service	Participated
	Amogh Joshi			
	Akshay Khanna			
	Saurabh Maurya			

12. Extracurricular activities

12.1. Sports events

Second year EXTC had actively participated in Sphurti 2022 organized by the Sports Council of VESIT and they were awarded the **runners-up** of Sphurti seniors.

Sr. No.	Name of the Event	Name of the Students	Position
1.	Volleyball (Senior Boys)	Aniket Sangle Arya Hirlekar Aryan Chaudhary	Winners



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		Atharva Nayak Harsh Ranjan Jayesh Utekar Niraj Divekar Varun Bangad	
2.	Dodgeball (Senior Girls)	Aditi Bombe Bhoomi Gupta Manjiri Jadhav Manpreet Kaur Mitali Vichare Pooja Ghadge Pooja Narayanan Riya Gorade Srushti Pagar Tanmayee Bochare	First Runner up
3.	Kho Kho (Seniors)	Aditi Bombe Atharv Gaonkar Harsh Ranjan Hemraj Jeetarwal Mitali Vichare Niraj Divekar Riya Gorade Sairaj Watkar Siddhesh Gajare Srushti Pagar Tanmayee Bochare Varun Bangad	First Runner up
4.	Table Tennis (senior Boys)	Aniket Sangle Atharva Hedao Harsh Ranjan	First Runner up
5	Volleyball (Senior Boys)	Arya Hirlekar	Most Valuable Player (MVP)



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12.2. Literature events

Sr. No.	Name Of The Student	Name Of The Event
1	Priyal Singh	Battle of Brands by VESLit - 2nd place
2	Atharva Kale	VESLit's Trail-O-Rama(First Place)
3	Riya Gorade	VESLit's Trail-O-Rama(First Place)
4	Ashish Golsangi	Vivaad Debate competition by VESLit