

**SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL, NAVI MUMBAI**  
**Department of Electronics and Telecommunication**  
**Annual Report 2022-23**

**Department Achievement:**

- Received The Best IEEE MTTs chapter award 2021 from IEEE Bombay Section on 10/12/2022.



- Received The best IEEE chapter award 2022 for IEEE MTTs SIESGST chapter on 25/6/2023.

**Collaboration (MoUs and other extra ordinary achievements)**

- Signed MoU with Electronics Enterprises Pvt.Ltd on 10/8/2022.
- Signed MoU with e-Stone , Mumbai .
- Signed MoU with Efficient Innovation , Mumbai

**Institutional Social Responsibility (ISR)**

- Coordinated the Electrician course of BEACON

**Initiatives:**

- Organized project competition on 30/9/2022 for second year and third year students.
- Initiated and completed consultancy project of Electronics Enterprises Pvt.Ltd named "Python program development for alpha particulate monitor model" for the period of July 2022 to December 2022 of Rs.20000/-.

**Academic/Technical achievements of students:**

- Mr. Kartikram and Ms. Prachi Jain our alumni invited in Department Advisory Board meeting on 25/2/2023.
- Ms. Shruti Singh got first place in shark tank event conducted by IEEE VIT.
- Ms. Shruti Tiwari secured 2nd place in Hackthon Joy2023 organized by Pillai group of Institutions.
- Ms.Vinitha Odiyar and Mr.Varad, Patil third year students qualified the GATE 2023 examination .
- Ms.Anjana Ashokkumar and Mr. Surya Madhavan received recieved best paper presentation award in Conference for the title "Virtual Cloth Warping using Deep Learning" in WCASET,2022. .

- Mr.Anurag Nala , Mr.Hiten Sharma and Mr. Khush Patil of BE EXTC received third place in Project Management Institutes Make Reality Challenge 2021
- Mr. Vatsal Kore , Ms. Anusha Ganapathy, Mr. Aaryan Kumbhar , Ms. Shruti Singh , Mr. Swapnendu Mukherjee , Ms. Krishnaveni Doki , Ms .Harshita Shrivastav , Ms.Nandita Nandakumar and Prathamesh Patil attended Attended IEEE AISYWLC 2022 at COE Pune during 7/10/2022 to 9/10/2022.
- Mr.Satyam S., Mr .Aarav Sinha, Mr.Tanmay Tandel and Mr. Tejas T. received first prize in second year project competition held at SIES GST on 30/9/2022 as a part of Cognition 2022. .
- Mr. Sameehan J , Chaitanya K. , Anand K. and Adinath K received second prize in second year project competition held at SIES GST on 30/9/2022 as a part of Cognition 2022. .
- Mr. Nijesh N. , Ms. Kinnari D. , Mr. Prasad A. and Shruti W. received first prize in third year project competition held at SIES GST on 30/9/2022 as a part of Cognition 2022. .
- Mr. Rohan S. , Mr. Soumya V. , Mr. Vigneswaram G. , and Ms. Sayali received second prize in third year project competition held at SIES GST on 30/9/2022 as a part of Cognition 2022.

### Paper Publications by Students:

Name of the student	Title	Name of Journal/Conference
Anjana Ashokkumar	Virtual Cloth Warping using Deep Learning	Virtual Cloth Warping using Deep Learning" in Scopus indexed journal, Resmilitaris
Shamika Aslekar		
Manasi Deshpande		
M. Surya		
Smruti Kotian	Cotton Leaf Disease Detection Using Machine Learning	Conference on Advancement in Electronics & Communication Engineering 2022
Pravalika Ettam		
Karuna Saravanan		
Kavitha Ashokkumar		
Pallavi Motilal Lodhi	Business Meeting Summarization System	IEEE
Dikshita Kambri		
Sumaiya Saleem Khan		
Sadish Ramajayam Nadar	Train automation using ARM7	International Research Journal of Engineering and Technology (IRJET)
Ganapathyraman Lakshminarayanan		
Greeshma Nair		
Ashutosh Mishra		
Ms. Aditi Khuspe	Credit Card Fraud Detection using Machine Learning	International Journal of All Research
Ms. Divya Kamila		

Ms. Poorva Chaudhary		Education and Scientific Methods
Aniket wagh	Biomedical waste management using IoT	IJREAM
Aniket Koli		
Pintu Mishra		
Subodh Shinde		
Pratik Mohite	Covid Chamber	International conference on Advancement in Electronics & communicatio Engineering
Sakshi Mahadik		
Aqsa Shaikh		
Shashank Thakur		
Ayshwarya Mohan	Design of Textile antenna for Military application	Asian conference on Innovation in Technology
Nishant Gharat		
Bhumika Goaple		
Tanvi Gujar		
Sakshi Shetty	Vehicle anti-theft face recognition system, speed control and obstacle detection using R-Pi	IEEE ROMA
Punit Suryarao		
Rashmi Singh		
Sparsha Upadhyay		
Vaishnavi Mukku	Real time remote user controlled military robot	IEEE ICAST 2022
Sneha Parne		
Parvati Krishnan		
Pratik Shinde		
Priyanka Naidu	IoT based social distancing and monotorion robot for queue	International conference on Advancement in Electronics & communicatio Engineering
Abhishek S		
Pranay P		
Prathmesh G.		
Govind Iyer	Modelling of Implantable Antenna for Biomedical Applications	International conference on Advancement in Electronics & communicatio Engineering
Prateek H.		
Avinash Indla		
Sumit Jadhav		
Ritika Nair	Helmet detection using CNN and deep ldearning	IEEE
Abhilash Poojary		
Aditi Rao		
Aditya Singh		
Shrishti Patil	Implementation of Toll Collection System Using Li Fi	International Journal for Research in Engineering Application and Management
Shruti T		
Vilasini		
Mrunal Shinde		

Abhinya Naik	Development of 3 Axis CNC machine	IJIRCCE
Saurav Rajendra		
Ved Chakre		
Shubham Rasal		
Tanuj Bhoir	Smart Food Container	NOVYI MIR Research Journal
Mrudula Borhade		

### Sports achievement:

Ms. Purna Aswal second year student won the final inter college badminton tournament held at Mumbai university on 9/9/2022.

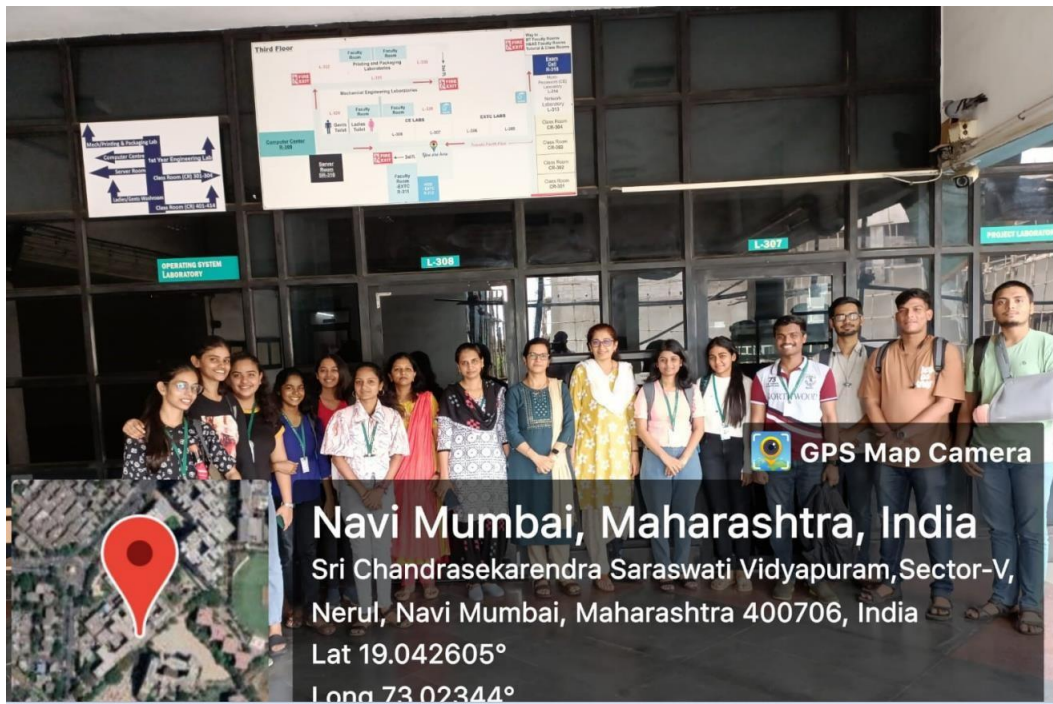


### Cultural Achievement:

- Ms. Nidhi Kulkarni third year student Secured First position in Storytelling Group B in the zonals of Youth Festival organized by Mumbai University in August 2022.
- Ms. Kritika Pandey secured second prize in singing of Youth festival organized by Mumbai University in August 2022.

### Technical Activities:

- Dr. Preeti Hemnani , Prof. Swati Rane , Prof. Shyamala M and Prof. Madhuri Kulkarni organized and conducted value added course on Image Processing and Machine Learning using Python during 26/6/2023 to 4/7/2023.



- Prof. Vandana Sawant ,Prof. Sonal Hutke and Prof. Hema Gavali organized and conducted value added course on Advanced Antenna Design during 26/6/2023 to 3/7/2023.



- Organized national level technical festival TECHOPEDIA XI during 20/1/2023 to 22/1/2023. Four different events Squabble-a national level debate competition, Inquisitive-a National level Quiz Competition, Mystification a game and Cold War-game were organized.
- Dr.Preeti Hemnani and Ms. Pranavi Nikam organized and conducted SDP on “Digital system design on FPGA Design using Verilog” during 2/1/2023 to 7/1/2023.





- Mr. Vishal Gaikwad and Ms. Vaishali Mangrulkar organized and conducted student development program on “Workshop on Embedded System Design Using Arduino Uno “during 2/1/2023 to 7/1/2023 .



- IEEE SIESGST Organized IEEE Xtreme 16.0 Programming Competition during 22/10/22 to 23/10/2022.



- Prof. Vandana Sawant , Prof. Sonal Hutke and Prof. Hema Raut organized expert lecture in -value added course Advanced Antenna Design on topic “Antenna testing ” by Mr. Akshay Jain ,Hardware Engineer at Gurutva Industries Pvt. Ltd Pune on 27/6/2023.
- Prof. Preeti Hemnani , Prof. Swati Rane ,Prof. Shyamala M and Prof. Madhuri Kulkarni organized expert lecture in value added courses-Image processing and machine learning on topic “ Use and Applications of AI and ML” by Mr. Abhay Phanshikar, Business Development Director at Azilen Technologies Pvt Ltd, Mumbai on 3/7/2023.
- Prof. Preeti Hemnani , Prof.Swati Rane ,Prof. Shyamala M and Prof. Madhuri Kulkarni organized expert lecture in value added course -Image processing and machine learning on topic “Applications of CNN in industry” by Mr. Pawan Hebli, 2018 Alumni, AI engineer at Assert AI, Mumbai on 30/6/2023.
- Prof. Pranavi Mhatre organized expert talk on Importance of GATE and career opportunities in EXTC field by Mr.Soham Lakhote , Research scholar ( IISC Bangalore) for third year students on 17/3/2023.
- Prof. Shyamala M. and Prof. Vandana Sawant organized expert talk Seminar on Role of Optical Communication and Networks in Industry by Mr. Pratik Atha, Sr. Manager – Technical, Fiber Optic Sensing Solutions Private Limited, Mumbai for final year students on 23/3/2023.
- Prof. Pranavi Mhatre organized workshop on Ultimate SQL Bootcamp: Query, Project, Interview preparation" by Mr.Umesh Mahind , Software Engineer ,Relx group for third year students on 11/3/2023.

- IEEE WIE organized Women of Vision: IMPERIUM- panel discussion and interaction with students on Entrepreneurship on 9/3/2023.
- IEEE SIESGST organized WEBASCEND: 2 days web design workshop during 18/3/2023 to 19/3/2023.
- Prof. Pratibha Joshi organized Hands on session of Networking by Industry Expert - Mr Bhargav Upadhyay -NTT Global company on for third year students on 11/3/2023.
- Prof. Priyanka Kadam organized Expert Talk on Cyber Security and Ethical Hacking by Mr.Azare Shaikh ,Founder Axximum Info Solution for third year Students on 31/3/2023.
- Department advisory board meeting was conducted on 25/2/2023.
- Prof. Biju Balkrishnan organized Industrial Visit on 24/2/2023 at ISRO Space Exhibition BARC exhibition center at VJTI, Mattunga.
- Prof. Biju Balkrishnan organized Research Lab visit at VJTI and arranged an interactive session with Dr. Faruq Kazi, Dean R&D, VJTI for BE students on 24/2/2023.
- Prof. Shubhangi Kharche organized expert talk on Applications of Linux in Industry for students on 15/2/2023 by Mr. Gaurav Shikhare ,Senior Consultant at Capgemini India Technology Services
- Organized national level technical festival Techopidea XI during 20/1/2023 to 21/1/2023.
- Prof. Preeti Hemnani and Prof. Pranavi Nikam organized a workshop for students by students on Digital system design using Verilog on 28/1/2023.
- Prof. Vaishali Mangrulkar organized expert session on Robotics and its applications on 15/10/2022 by Ms. Dharini Dutia ,Software Engineer, Open Robotics, USA.
- IEEEGST organized IEEE Year book TECHNOZINE launch Ceremony on 1/8/2022.
- IEEEGST organized IEEE Investiture 2022 ceremony on 1/8/2022.
- IEEEGST organized Inspect Element 2.0 National level Front end Web development competition on 8/8/2022.
- IEEEGST organized international three days Symposium-Epsilon 2022 on topic Cyber security-Conclave ,Blockchain Conference and 5G & IoT security during 13/8/2022 to 15/8/2022.





- IEEE SIESGST organized alumni interaction in After Graduation episode 1 with Sahil Pandita on 19/6/2022. .
- IEEE SIESGST organized alumni interaction in After Graduation episode 2 with Dharini Dutia on 26/6/2022.
- IEEE SIESGST organized SELENIUM: MTTs WEBINAR-Power Beaming and Space Solar on 11/4/2022.
- IEEE SIESGST organized SELENIUM:CS WORKSHOP- Unboxing the Web on 11/4/2022.
- Student development program is organized on “IP and ML using python” during 27/6/2022 to 15/7/2022.SDP conducted by Dr. Preeti Hemnani, Prof. Swati Rane , Prof. Pushkar Sathe and Prof. Shyamala Mathi.



- Student development program is organized on “workshop on Raspberry-Pi” during 27/6/2022 to 15/7/2022.SDP conducted by Prof. Vishal Gaikwad, Prof. Vaishali Mangrulkar and Prof. Nita Patil. .



- Student development program is organized on “ Advanced Antenna design” during 27/6/2022 to 4/7/2022 .SDP conducted by Prof.Vandana Sawant , Prof. Sonal Hutke and Prof. Hema Raut.

### **Research Grants/Paper publications:**

- Prof. Pranavi Nikam , Prof. Priyanka Kadam , Shyamala M and Prof. Hema Gavali, published a paper in JETIR journal titled" Real time tracking surveillance ROBOT using Rasberry PI "on 15/6/2023
- Prof. Pranavi Nikam , Prof. Priyanka Kadam , Shyamala M , Prof. Sonal H.and Prof. Hema Gavali presented a paper titled “ Blockchain based E-Voating system” in IEEE CONIT conference on 23/6/2023.
- Prof. Pranavi Nikam , Prof. Priyanka Kadam ,Shyamala M and Prof. Hema Gavali Copyright registered " LORA based underground messenger for Miners " on 14/6/2023.

- Prof. Sonal Hutke published a paper titled "Wearable CPW Antenna for WBAN Applications" in 3rd International Conference on Intelligent Technologies (CONIT 2023) during 23rd to 25th June 2023.
- Prof. Biju B. published a paper titled "Development of 3-axis CNC machine" at International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE, Peer reviewed journal), Volume 11, Issue 5, May 2023.
- Prof. Biju B. received The best IEEE chapter award for IEEE MTT-S SIESGST chapter on 25/6/2023.
- Dr. Preeti Hemnani and Dr. Shubhangi Kharche submitted proposal on 5G lab on use cases to AICTE in the month of April 2023.
- Dr. Shubhangi Kharche published a paper in Journal of Mobile Multimedia "6G Intelligent Healthcare Framework: A Review on Role of Technologies, Challenges and Future Directions" on 22.02.2023.
- Dr. Shubhangi Kharche registered copyright on topic A Simple Life Literary/Dramatic.
- Prof. Biju Balkrishnan Published a paper titled "Real-time Remote User Controlled Military Robot" in IEEE explore.
- Dr. Preeti Hemnani published a paper titled "Virtual Cloth Warping using Deep Learning" in Scopus indexed journal, Resmilitaris January 2023.
- Mr. Biju Balkrishnan. presented paper titled "Real time remote user controlled military robot" at IEEE ICAS 2022, KJ Somaiya IEIT, sion on 3/12/2022.
- Ms. Sonal Hutke presented a paper titled "Design of T shaped UWB textile antenna for WiMax/WLAN application" at IEEE ICAS 2022, KJ Somaiya IEIT, sion on 3/12/2022.
- Mr. Biju Balkrishnan. published an article in IEEE R10 Connect Newsletter 4th issue "R10 student branch- IEEE SIES Graduate School of Technology SB" pp 28-29, December 2022.
- Ms. Pratibha Joshi published paper titled "Past, Present and Future of Automated Mammographic Density Measurement for Breast Cancer Risk Prediction" in 4th International conference on ICAS.Vol.2327 on 23/9/2022.
- Prof. Pushkar Sathe published paper titled "Helmet detection and number plate recognition using deep learning" got published in IEEE Xplore on 1/9/2022.

- Dr. Shubhangi Kharche attended conference & presented paper titled “Business meeting summarization system” in IEEE Asiancon 2022.
- Mr. Biju Balkrishnan. published paper titled “Vehicle anti-theft face recognition system, speed control and obstacle detection using R-Pi “in IEEE ROMA 2022 during 6/8/2022 to 8/8/2022
- Ms. Madhuri Kkularni published paper on "Credit Card Fraud Detection using Machine Learning", in UGC approved journal of International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 8, August-2022.
- Dr. Shubhangi Kharche presented and published a paper in International Conference-AECE proceedings on cotton leaf disease detection using ML held on 14th and 15th July 2022.
- Ms. Vaishali Mangrulkar presented and published a paper in International Conference-AECE on IOT based social distancing and monitoring robot for queue held on 14th and 15th July 2022.
- Prof.Sonal Hutke presented paper in International Conference-AECE on Implantable antenna for Biomedical applications on 15/7/2022.
- Prof.Vandana Sawant presented paper in International Conference-AECE on Contagious Disease Preventing Chamber Using Raspberry Pi held on 14th and 15th July 2022.
- Prof. Swati Rane presented paper titled Effective strategies for detection of abnormal activities in surveillance video streams”” in Soft computing and signal processing Springer conference on 24/6/2022.
- Dr. Shubhangi Kharche registered copyright for CONCEPTUAL FRAMEWORK OF WEBCRAWLER on 27/6/2022.
- Dr. Shubhangi Kharche registered copyright for CONCEPTUAL FRAMEWORK FOR 6G INTELLIGENT HEALTHCARE on 22/4/2022.
- Ms. Pratibha Joshi Presented paper at 4th International Conference on Intelligent Circuits and Systems (ICICS 2022) April 9, 2022 at Lovely Professional Univ.Punjab.
- Dr. Shubhangi Kharche published a paper titled Interoperability Issues and Challenges in 6G Networks in Journal of mobile multimedia on 4/4/2022.



## **Seminars/Workshops organized/attended by Faculty of GST:**

- Organized expert talk on Importance of GATE and career opportunities in EXTC field by Mr.Soham Lakhote , Research scholar ( IISC Banglore) for third year students on 17/3/2023.
- Organized expert talk Seminar on Role of Optical Communication and Networks in Industry by Mr. Pratik Atha, Sr. Manager – Technical, Fiber Optic Sensing Solutions Private Limited, Mumbai for final year students on 23/3/2023.
- Organized workshop on Ultimate SQL Bootcamp: Query, Project, Interview preparation" by Mr.Umesh Mahind , Software Engineer ,Relx group for third year students on 11/3/2023.
- IEEE WIE organized Women of Vision: IMPERIUM- panel discussion and interaction with students on Entrepreneurship on 9/3/2023.
- IEEE SIESGST organized WEBASCEND: 2 days web design workshop during 18/3/2023 to 19/3/2023.
- Dr. Preeti Hemnani was invited as a speaker in Panel Discussion on "The Edunext Series-Tech Driven Learning- Preparing students to become workforce of future" organized by Mint and Microsoft on 23/3/2023.
- Prof. Biju Balkrishnan invited as a speaker on “Exploring Perspective: Award Awareness Session on IEEE MGA Student Activities Awards” at Award awareness session organized by IEEE Bombay Section Student Activities Committee (SAC) on 28-03-2023.
- Prof. Sonal Hutke completed course on Mastering STM32 microcontrollers Developing applications exploring many STM32F4 peripherals in May 2023.
- All faculties attended STTP on “AR and VR” organized by SIESGST during 19/6/2023 to 24/6/2023.
- Dr. Preeti Hemnani successfully completed course on “Mathematic foundation for Machine learning AI from Eduinox Learning solutions “ by Udemey in May 2023.
- Prof. Biju Balkrishnan Successfully completed One week IEEE Bombay Section sponsored FDP on “Cloud Computing” by G H Rasoni Institute of Engg and Technology and G H Rasoni College of Engg, Nagpur.
- Prof. Biju Balkrishnan participated 3-days IEEE Bombay Section’s Student, Young professionals, Women in engineering and Life member Congress IB-SYWLC 23 at

Annasaheb Dange College of Engineering and Technology, Ashta during 23/6/2023 to 25/6/2023.

- Prof. Biju Balkrishnan organized workshop for students Techtonic: Applications of Python in AI/ML and Image Processing “” on 2/4/2023.
- Prof. Biju Balkrishnan Participated in “IEEE Educational Activities Workshop” conducted by IEEE EAC Bombay Section on the occasion of IEEE Education Week 2023 on 6/4/2023.
- Prof. Biju Balkrishnan Organized workshop for students Design 101: Design and Photoshop Workshop”” on 9/4/2023.
- Prof. Biju Balkrishnan Invited as Expert for Department Quality Assurance Committee at Father Agnel Engineering college, Vashi on 28/4/2023.
- Prof. Biju Balkrishnan attended and participated IEEE India Council Day seminar and Quiz at D J Sanghvi CoE, Mumbai on 29/4/2023.
- Dr. Shubhangi Kharche Organized and conducted a “Handson Session on Amazon VPC for TE EXTC Students” on 3/4/2023.
- Dr. Shubhangi Kharche Invited at Vivekanand Education Society Polytechnic College, Chembur for expert talk topic 5G, 6G and IoT: Emerging Technologies with use cases on 11/4/2023.
- Prof. Biju Balkrishnan participated in IEEE Xplore webinar: Search strategies to maximize your research experience organized and attended Talk on "Meeting Technological Challenges 2023" by Dr. Kushal R Tuckley, Chairman and Director, R&D, AGV systems Pvt Ltd, organized by for MHRD IIC Cell, SIESGST on 29/03/2023.
- Prof. Biju Balkrishnan participated in IEEE Xplore webinar: Search strategies to maximize your research experience.
- Prof. Biju Balkrishnan organized and attended Industrial Visits at ISRO Space Exhibition BARC exhibition center at VJTI, Matunga.
- Prof. Biju Balkrishnan attended 5 days FDP on Recent Trends in High Frequency Communication during 20/2/2023 to 24/2/2023 by Dr. Somak Bhattacharyya, IIT Varanasi at Annant Gyan Knowledge and Skills Pvt Ltd.
- Prof. Shyamala M. attended orientation of sem VIII subject Optical Communication and Network on 14/1/2023 organized by Bharati Vidyapeet of Engineering, Navi Mumbai

- Ms. Vandana Sawant attended orientation of sem VIII subject Optical Communication and Network on 14/1/2023 organized by Bharati Vidyapeet of Engineering, Navi Mumbai
- Ms. Vaishali Mangrulkar attended orientation of sem VIII subject Network Management in Telecommunication on 13/1/2023 organized by Atharva College of Engineering, Malad, Mumbai-400095.
- Dr. Preeti Hemnani completed certificate course on Verilog HDL: VLSI Hardware Design Comprehensive Masterclass ,28th Dec 2022
- Mr. Biju Balkrishnan attended IEEE Bombay Section Signature Conference 2022 at NMIMS University during 8/12/2022 to 10/12/2022.
- Mr. Biju Balkrishnan. attended 6 days national level workshop on “Moodle-LMS” by ESSGEE Digiskills Learning Center during 21/12/2022 to 26/12/2022.
- Ms. Sonal Hutke attended two days STTP on Research Trends in Antenna Design and Beyond Applications" during 5/12/2022 to 6/12/2022.
- Ms. Vandana Sawant and Ms.Sonal Hutke attended workshop on “5G – Advanced Antenna design and analysis using Ansys HFSS by ARK solutions on 7/12/2022.
- Ms. Vaishali Mangrulkar attended IEEE Bombay section WIE affinity group Symposium on 17/12/2022 at VSIT WIE AG,Wadala,Mumbai.
- Ms. Vandana Sawant , Ms. Sonal Hute and Ms. Hema Raut attended HFSS training during 1/6/2022 to 2/6/2022.
- Prof. Vaishali Mangrulkar organized expert session on Robotics and its applications on 15/10/2022 by Ms. Dharini Dutia ,Software Engineer, Open Robotics, USA.
- Prof. Pratibha Joshi , Prof. Nita Patil an Prof. Vandana Sawant organized expert session on Networking security on 15/10/2022 by Mr.Bhargav Upadhyay,From NTT global Networks.
- Prof. Vandana Sawant an Prof. Honal Hutke organized expert talk session on Role of RF Engineering in Industry by Ms. Gitimayee Sahu is currently serving as a Senior Manager in the Jio Platforms ltd for BE students on 12/10/22.
- Prof.Biju Balkrishnan and Prof. Vaishali Mangrulkar organized · STEM workshop at NMMC school no.11 , Nerul on 14/9/2022 and STEM workshop at Gyan Jyoti Savitribai Phule school, Nerul on 14/9/2022.



- Prof. Biju Balkrishnan Organized workshop on Outcome Based Education: “Designing Course Outcomes and Outcomes-focused Questions” on 17/9/2022.
- Prof. Madhuri Kulkarni undergone training on Innovation Ambassador "Foundation Level" conducted in online mode by MoE's Innovation cell and AICTE (15 sessions).
- Ms. Pratibha Joshi organized Industry(SIEMENS LTD.)Expert Session for SE & TE students on 23/09/22.
- Ms. Madhuri Kulkarni Successfully completed course on "Introduction to Python Programming" by Coursera with 86.76 grade on 23/8/2022.
- Mr. Biju Balkrishnan organized international three days Symposium during 13/8/2022 to 15/8/2022 .
- Mr. Biju Balkrishnan. organized IEEE Year book TECHNOZINE launch Ceremony on 1/8/2022.
- Mr. Biju Balkrishnan. organized Inspect Element 2.0 National level Front end Web development competition .
- Prof. Sonal Hutke attended webinar titled IP awareness training program on 17/8/2022.
- Dr. Preeti Hemnani attended IEEE Bombay Section's Panel of Conference Organizers (POCO) 2022 on Saturday, July 30th 2022 at MPSTME NMIMS University Mumbai.
- Dr. Preeti Hemnani worked as a Reviewer for ICIS2022: 2nd International Conference on "Intelligent Systems".
- Dr. Shubhangi Kharche conducted orientation of Sem VII subject Internet communication Engineering on 15/7/2022 organized by SIESGST .
- Dr. Shubhangi Kharche attended orientation of Sem VII subject Cloud Computing.
- Dr. Shubhangi Kharche attended orientation of sem VII subject "Mobile Communication Systems" R-2019 C syllabus as a resource person.



- Dr. Shubhangi Kharche attended orientation of sem VII subject 5G Technology as a resource person.
- Mr. Biju Balkrishnan..organized IEEE Investiture 2022 ceremony on 1/8/2022.
- Mr. Biju Balkrishnan. invited as a expert in Department Quality assurance Committee at Fr. C. Rodrigues Institute of Technology, Vashi on 30/7/2022.
- Mr. Biju Balkrishnan distinguished Microwave Lecture by Dr Kaushik Sengupta, Princeton University, USA on 27/7/2022.
- Ms.Swati Rane organized Alumni interaction session on 9/7/2022. Alumni invited were Ms. Unnati Wadkar - 2014 batch- Director (India region), NuCUrrent on Topic- Wireless Power Transfer - Applications, working and growth and Mr. Rahul Seshadri - 2012 batch-Director of Engineering, Dozee on Topic- Career Path: From Student to Engineering Leader.
- Ms. Vaishali Mangrulkar Completed course on Raspberry Pi for beginners-2022 complete by Udemy in July2022.
- Ms. Vaishali Mangrulkar attended orientation of Sem VII Robotics on 15/7/2022.
- Ms.Nita Patil Attended orientation of Sem VII Internet communication Engineering on 15/7/2022 organized by SIESGST.
- Ms.Vandana Sawant and Prof.Sonal Hutke attended orientation of Sem VII subject Microwave Engineering on 11/7/2022 organized by VESIT.
- Mr. Pushkar Sathe attended orientation of Sem VII Deep Learning on 15/7/2022 organized by Thadumal Sahani.
- Prof. Biju Balkrishnan attended IEEE Sponsored FDP on Education 4.0: Tools for effective NEP2020 implementation during 27/6/2022 to 2/7/2022.
- Ms. Vandana Sawant attended STTP on Digital forensic for cybersecurity during 18/6/2022 to 24/6/2022 , organized by D. Y. Patil college of engineering.
- Mr. Biju Balkrishnan..attended FDP of IEEE Sponsored FDP on Education 4.0: Tools for effective NEP2020 implementation during 27/6/2022 to 2/7/2022.
- Ms Vandana Sawant ,Ms. Sonal Hutke and Ms. Hema Raut attended HFSS Antenna software training during 1/6/2022 to 2//2022.
- Dr. Shubhangi Kharche completed certificate course of AWS solutions architect associate on 20/6/2022

### **Alumni Activities:**

- Organized expert lecture in value added course -Image processing and machine learning on topic “Applications of CNN in industry” by Mr. Pawan Hebli, 2018 Alumni, AI engineer at Assert AI, Mumbai on 30/6/2023.
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- Organized expert session on Robotics and its applications on 15/10/2022 by our Alumni Ms. Dharini Dutia ,Software Engineer, Open Robotics, USA.
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- Organized Alumni interaction session on 9/7/2022. Alumni invited were Ms. Unnati Wadkar - 2014 batch- Director (India region), NuCurent on Topic- Wireless Power Transfer - Applications, working and growth and Mr. Rahul Seshadri - 2012 batch- Director of Engineering, Dozee on Topic- Career Path: From Student to Engineering Leader.
- Organized alumni interaction in After Graduation episode 1 with Sahil Pandita on 19/6/2022. .
- Organized alumni interaction in After Graduation episode 2 with Dharini Dutia on 26/6/2022.