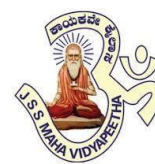




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electronics & Communication & Engineering.



EXTRA-CURRICULAR ACTIVITIES

Academic Year 2022-23

| IEEE-SPS Activity in AY 2022-23 | | | | |
|---|---|--------------|---------------|---|
| Sl No | Events Name | Dates | Venue | Resource Person/ Brief Description |
| 1 | HOW TO START A STARTUP | 01-05-2022 | ECE , JSSATEN | Mr. Krishna Khandelwal, chemical engineer (IIT, Kanpur) |
| 2 | Introduction to Verilog HDL | 02-10-2022 | ECE , JSSATEN | Mr. Vaibhav Mishra, Semiconductor professional and founder of Aujus Technology & Pine Training Academy (18+ years' experience) |
| 3 | AI_elev8: How AI/ML learning helps to develop the product in the field of healthcare, agriculture, telecom & smart cities | 09-10-2022 | ECE , JSSATEN | Mr. Devesh Srivastava, Industry professional (elev8, MNC in USA) |
| 4 | How to write research article? | 28-10-2022 | ECE , JSSATEN | Dr Nagaraja BG, Associate professor at Department of Electronics & Communication Engineering Vidyavardhaka College of Engineering, Mysuru |
| IEEE-Robotics Activity in AY 2022-23 | | | | |
| 5 | One Day online HANDS-ON session on "Simulation in NS2 and NS3" | 17-09-2022 | ECE , JSSATEN | Dr Rajeev K Shakya (NS3 expert), Dr Gayatri Sakya(NS2 Expert) |
| 6 | Hands on Session on LoRaWAN | 07-10-2022 | ECE , JSSATEN | Mr Harsh Sharma, Engineer, Touch Techno, New Delhi |
| IETE Activity in AY 2022-23 | | | | |
| 7 | Hands-on session on ORCAD Cadence Tool | 24/09/2022 | ECE , JSSATEN | This training is scheduled to effectively use the |

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| | Suite | | | latest software features, stay on cutting edge and to sharpen skills. |
| 8 | VLSI Design Flow using CADENCE TOOLS | 20/09/2022 | ECE , JSSATEN | This initiation helped students to enhance the practical aspects and subject knowledge in VLSI Design and VLSI Design Lab. This session will help in core company placements by strengthening individual employability skills, opportunity to gain new ideas, insights into the nature of problem solving and the industry scope of the subject of study. |
| 9 | Hands On Session on Python Programming | 16/11/2022 | ECE , JSSATEN | This session included an introduction to python and a proper guide to installing python and pycharm. This session covered various topics such as variables in Python, Using input(), string concatenation, Data types conversion, Strings, Keywords, operators, comments, Lambda |
| 10 | Expert talk on : VLSI design tools, technologies and applications | 11/11/2022 | ECE , JSSATEN | This session included Knowledge about the stages of IC design for the product line including Ethernet and WLAN product development. Described the standardization of the chipsets, stages of IC design, algorithms, system architecture, and software development tools for RTL coding for power and area efficient designs. |
| 11 | Data Analytics Using | 30/09/2022 | ECE , JSSATEN | The workshop offered preliminary training on the |

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| | Python | | | most in-demand Data Science and Machine learning skills with hands-on exposure to key tools and technologies including python and concepts of machine learning. Students worked on Datasets to to learn and explore the reasons which affects the Marks scored by students and Chest infection detection using ML and AI. |
| 12 | IOT with Raspberry Pi & Arduino | 27/09/2022 | ECE , JSSATEN | Introduced students to the world of IoT and enable them to get fair experience in this field. Gain knowledge through theory and Hands-on-sessions on the Raspberry Pi and Arduino. |
| E-Yantra Activity in AY 2022-23 | | | | |
| 13 | Hands-On Workshop in e-Yantra: Embedded Systems | 24/11/2022 and 25/11/2022 | e-yantra Lab | Hands On workshop on Fire Bird V robotic Kits. |

Academic Year 2021-22

| IEEE-SPS Activity in AY 2021-22 | | | | |
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| Sl. No | Events Name | Dates | Venue | Resource Person |
| 1 | Express yourself | 26-08-2021 to 02-09-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |
| 2 | IEEE YESIST12 - Makerfair 2021 | 18-09-2021 to 20-09-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |

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| 3 | Web development workshop | 03-10-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |
| 4 | Circuitronics event on occasion of IEEE Day | 02-10-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |
| 5 | Codelogix event | 06-11-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |
| 6 | Techno-Write event | 21-11-2021 | ECE , JSSATEN | Vedika Mishra: Chairperson Tushar Srivastava: Vice chairperson Kanishka Tripathi: General Secretary |
| 7 | GATEWAY TO VLSI DESIGN | 13-03-2022 | ECE , JSSATEN | Mr. Akash Yadav (Synopsys) graduate of JSSATE of 2019 batch |
| 8 | THE STARTUP JOURNEY | 23-04-2022 | ECE , JSSATEN | Mr. Deepak Khatri (Founder, Upside Down Labs) |
| 9 | Signalling and Telecommunications in Indian Railways | 30-04-2022 | ECE , JSSATEN | Mr. Shubham Dwivedi (IES, JSSATE'14) Divisional engineer(S&T), Indian railways |
| IEEE-Robotics Activity in AY 2021-22 | | | | |
| 10 | Guest Lecture on Patent filing process in India | 09-09-2021 | Department of ECE, JSSATE, Noida | Resource person: Pooja Kumar, Director Innove Intellect LLP (Online: Cisco-Webex platform) |
| 11 | A pre project talk on project selection, literature survey and plagiarism checking | 01-10-2021 | Department of ECE, JSSATE, Noida | Resource person: (Pro) Dr Manish Sharma, Chitkara University |
| 12 | Short Term Training on | 03rd and 4th | Department of ECE, | Resource person: |

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| | Intellectual Property Rights” Jointly organized by CIPAM | June 2022 | JSSATE, Noida | CIPAM HR |
| 13 | Online webinar on “How to start a start-up” | 01-05-2022 | Department of ECE, JSSATE, Noida | Resource person: Mr. Krishna Khandelwal, Founder of Human AI (IIT Kanpur) |
| 14 | IEEE RAS JSSATEN organized a "Poster making competition" on Mother's Day | 8th May, 2022. | Department of ECE, JSSATE, Noida | POSTER MAKING Competition |
| 15 | QUIZTRONICS – A Technical Quiz Competition | 20th March 2022 | Department of ECE, JSSATE, Noida | Mentor: Dr. Gayatri Shakya, IEEE RAS Chapter Advisor |
| 16 | Webinar on Latest Communication Trends | 24th May 2022 | Department of ECE, JSSATE, Noida | Resource person: Dr Prem Chand Jain |
| 17 | WEBINAR: EMBEDDED WEB TECHNOLOGY | 30th April 2022 | Department of ECE, JSSATE, Noida | Mr Kartik Gupta (Expert on IoT , Python) |

Academic Year 2020-21

| IEEE-SPS Activity in AY 2020-21 | | | | |
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| Sl No | Events Name | Dates | Venue | Resource Person / Description |
| 1 | Quizorama | 04-04-2021 | ECE , JSSATEN | Online Quiz |
| 2 | Workshop on Data Science | 08-05-2021 | ECE , JSSATEN | Dr Manish Sharma, Chitkara University |
| 3 | Vocabster | 16-05-2021 | ECE , JSSATEN | Dr. B.P. Mishra, Chapter Advisor, IEEE SPS and Ms. Gunjan Varshney, Student Branch Counsellor |
| 4 | Ad-Mad | 06-06-2021 | ECE , JSSATEN | Dr. B.P. Mishra - Chapter Advisor, IEEE SPS and Ms. Gunjan Varshney, Student Branch Counsellor |
| 5 | Express yourself | 26-08-2021 to 02-09-2021 | ECE , JSSATEN | Event conducted in online platform |
| 6 | IEEE YESIST12 - Maker fair 2021 | 18-09-2021 to 20-09-2021 | ECE , JSSATEN | Event conducted in online platform |

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| 7 | Web development workshop | 03-10-2021 | ECE , JSSATEN | Event conducted in online platform |
| 8 | Circuitronics event on occasion of IEEE Day | 02-10-2021 | ECE , JSSATEN | Event conducted in online platform |
| 9 | Code Logix event | 06-11-2021 | ECE , JSSATEN | Event conducted in online platform |
| 10 | Techno-Write event | 21-11-2021 | ECE , JSSATEN | Event conducted in online platform |
| E-Yantra Activitiy in AY 2020-21 | | | | |
| 11 | eLSI Lab set up | 7th August 2020 | JSSATE, Noida(Online) | IIT Bombay, e-Yantra Lab Setup Initiative (eLSI) |
| 12 | e-Yantra Robotics competition 2020-21 | 25th Aug - Jan2021 | JSSATE, Noida(Online) | Completed till three tasks:Shiva Kushwaha and Team (IV EC3) |
| 13 | e-Yantra Robotics competition 2020-21 | 25th Aug - Jan2021 | JSSATE, Noida(Online) | Completerd till three tasks:Siddartha and team (EEE) |