

VR Siddhartha Engineering College

Department of Electronics & Instrumentation Engineering

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NEWS LETTER

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VISION

To impart excellent education to provide globally competent Electronics and Instrumentation Engineers.

To establish Centre of Excellence and Research in Electronics and Instrumentation Engineering and allied fields.

MISSION

To prepare competent Electronics and Instrumentation Engineers who can pursue professional career and/or higher studies.

To promote excellence in teaching with academically good ambiance that allows the learners to be socially responsible with professional ethics.

PEO'S

PEO 1: Graduates excel in academic and professional career in Electronics and Instrumentation enabled industries or software industries or be an entrepreneur in the domain area.

PEO 2: Graduates pursue higher education in the core or allied areas of electronics and instrumentation engineering and actively contribute to academic/R&D activities.

PEO 3: Graduates exhibit professional and ethical attitudes having all-round personality to work in multi-disciplinary allied areas to be of use to the society.

PO'S

PO1	An ability to apply knowledge of mathematics, science and engineering fundamentals appropriate to the discipline
PO2	An ability to identify, formulate and solve problems by applying the principles of electronic instrumentation and control systems
PO3	An ability to design and implement instrumentation and control systems to meet desired needs with appropriate consideration for public health and safety, environment, society, economics and sustainability
PO4	An ability to design and conduct experiments as well as to analyse and interpret data
PO5	An ability to use the techniques, skills and modern engineering tools necessary for his engineering practice
PO6	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context
PO7	A knowledge of contemporary issues
PO8	An understanding of professional, ethical, legal and social issues and consequent responsibility relevant to professional engineering practice
PO9	An ability to function on multidisciplinary teams
PO10	An ability to communicate effectively with a range of audience in his professional engineering practice
PO11	A recognition of the need for and an ability to engage in lifelong learning
PO12	An ability to use engineering and management principles to one's own work, as a member and leader in a team to manage projects.

PSO'S

PSO1	Use basic engineering principles, concepts of measurement and sensor selection to design an industrial process.
PSO2	Apply basic knowledge related to circuits and devices for designing electronic systems to solve engineering problems.
PSO3	Demonstrate proficiency in the use of software and hardware required in industrial automation systems.

Two-day national seminar on “Applied Python & IoT with Raspberry Pi”

The Department of EIE, VRSEC in association with The Institution of Engineers, India and Physitech Electronics, Hyderabad organized a two-day national seminar on “**Applied Python & IoT with Raspberry Pi**” during 10th to 11th April 2023. The resource person is G.Aashay Reddy, Executive Director from Physitech Electronics. Around 41 faculty from different colleges participated in this event. This event was coordinated by Dr.P.Srinivas, Associate Professor, EIE and Mr. M.Srinivas, Assistant Professor, EIE.



Guest Lecture on “Growth and different fields in VLSI”



The Department of EIE organized a Guest Lecture on “**Growth and different fields in VLSI**” on 24th March, 2023 by speaker Mr.SK. Sameer, Managing Director, Analogue Port Company, Hyderabad, Telangana State, India. The speaker addressed about the importance and various opportunities in the field of VLSI. All the 4/4 EIE students participated and benefited from this guest lecture. Mr.P.Rajesh, Assistant Professor, EIE coordinated this event.

One day seminar on “PCB Printing Machine”

The Department of EIE, VRSEC Engineering College has organized a one-day seminar on “**PCB Printing Machine**” for department faculties on 13th March 2023. The objective of the program is to bring practice and operation of PCB machine to design various PCB boards and also improve the consultancy from various industries in Vijayawada. Resource persons from Apply volt company, Vijayawada has explained the importance, operation, working and role of PCB machine in detail. About 10 Faculty from dept. of EIE had participated in this event and also interacted with the resource persons to acquire useful information regarding the design of PCB boards.



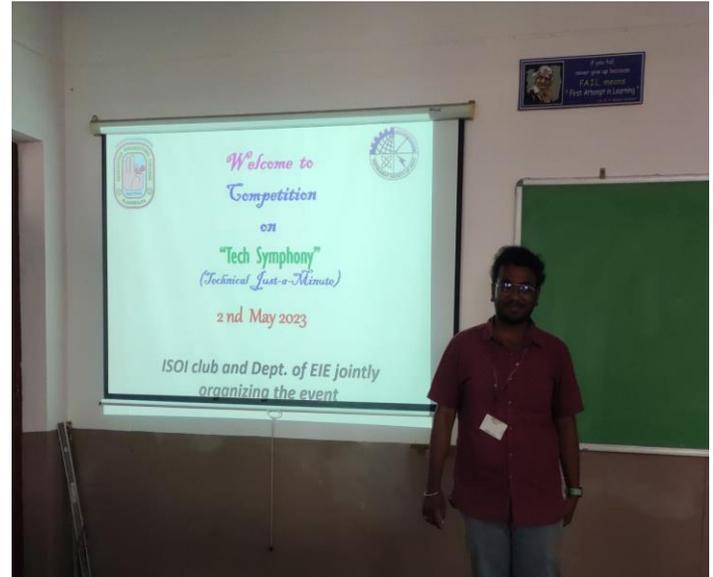
ISOI Events

Tech Symphony (Technical Just-a-minute)

Instrument Society of India (ISOI) Student chapter organized a technical event “**Tech Symphony (Technical Just-a-minute)**” for the students of 3/4 B.TECH. (EIE) to develop effective oral communication skills. This event was conducted on 2nd May 2023. A total of 18 students participated in this event where they were asked to choose one topic and speak about that for a minute.

Topics:

1. What do Engineers aim for after B. Tech?
2. Will Robots replace humans one day?
3. The one change you want to bring to Indian Education System.
4. Impact of Startup
5. Social media sites and their impacts on Students.



Spandana Student Club events- Mahotsav-2023



Department of EIE in association with Spandana (EIE student club) celebrated Mahotsav-2023 on the occasion of Ugadi and conducted several competitions on 21st March 2023. The competitions are 1) Fireless Culinary 2) Jewelry Making 3) Rangavalli 4) Mr. Telugu Abbayi and Ms. Telugu Ammayi. Many students enthusiastically participated in these competitions and made the event a grand success.



Technical and Social events organised as part of AFOSEC 2023

Various technical and social events are organised every year as part of college fest with the objective to provide platform for the students to showcase their talent with a competitive spirit. The department of EIE conducted an events “Techno Pick & Talk”, “PCB Design Challenge”, “Techno Cross Word”, “Technical Quiz”, “Technical Poster Presentation” on 24th February as part of college fest AFOSEC 2023.

• Techno Pick & Talk

The participants will pick up a chit and on the selected topic they will speak for about 3 minutes on the spot. A Total of 14 students participated in this event. The winners are encouraged with trophies and cash prizes. Certificates are presented to all the participants as a token of encouragement.



• PCB Design Challenge

This event consists of two levels. In level 1 participants are shown a circuit diagram, all the participants should identify the components required to complete the circuit. If all the components are correct, they are promoted to next level, failed participants are eliminated. In level 2, participants are required to connect the circuit and solder it perfectly. The Soldering must be neat. Participants are required to show the output. No. of students participated in the event are 13. D. L Srinivasa Rao of PSCMR College of Engineering and Technology secured first position and A. Raghu Varma of VRSEC secured second place

• Techno Cross Word

This event consists of 2 rounds of Technical Puzzles through crossword. In round 1, all the participants will have to play which will be an elimination round. Participants will be selected for round 2 on the basis of time and correct answers. Out of all participants qualified for round 2, top 2 participants will be declared as prize winners. No. of students participated in this event are 37. S Nagendra Sai of VRSEC and G Sirisha of JNTUK secured first and second position



- **Technical Quiz**

This is a 3-round event, and 3 participants are expected to form a team. Only team entries are eligible. Round 1 is Screening Test, round 2 is Rapid Fire round and round 3 is Buzzer round. No. of students participated in the event are 38. P. Sravanthi, S. Subhash Goud of NRI and S. Vijay Kumar of VRSEC secured first position and P. Avinash, T. Sri Harika and K. Sai Phani Bhavanth of VRSEC secured second position.



- **Technical Poster Presentation**

A Total of 22 students participated in this event and presented unique posters regarding advanced technological concepts.

Faculty Achievements

- Mr. P Duraga Prasada Rao **submitted his Ph.D. thesis** titled “**Analysis of optimized indoor localization techniques for wireless sensor networks**” to K L Deemed to be University, Vijayawada on 16th June 2023.
- Dr. Md. Firose Shaik completed a **one year Post graduate certificate program** in “Artificial Intelligence and Deep Learning” from IIT Guwahati during May 2022 to April 2023.
- Dr. Md. Firose Shaik secured **First position** in **Data Science Hackathon** organized as a part of Post graduate certificate program in Artificial Intelligence and Deep Learning conducted by IIT Guwahati during 9th and 10th January 2023.

Projects Applied by Faculty

- Dr CSS Anupama, Dr. S Srinivasulu Raju applied for a project with the title “Design, Modelling, Fabrication and Testing of MEMS Based Resonant Glucose Sensor” to SERB on 14th March 2023.

Patents Published by Faculty

1. Dr.Venkateswara Rao Kolli, Dr. Dudla Prabhakar, **D. Anusha**, Dr. Srinivas Talabattula, **granted with patent** titled “Integrated optical MEMS serially coupled double racetrack resonator-based accelerometer and high Q-factor photonic crystal microring-resonator based pressure sensor” with application No. 202141040452 on 09/06/2023.
2. **Polepogu Rajesh**, Dr.A. Vijaya Sankar, Mr. Manda Rajarao, filed a patent titled “A Nanorobotic Arm to Operate in the Endoscopy” with application No. 202341037699 on 31/05/2023.
3. **K Umamaheswari, Kranthi Madala**, Pavithra B, Madona B Sahaai, E. Swarnalatha published a patent titled “Patient Medical Database Access System Using Fingerprint Over a Cloud Computing” with application no: 202341001708 A on 03/02/2023.

Faculty Publications

International Journals:

1. C.S.S.Anupama, Rafina Zakieva, Afanasiy Sergin, E. Laxmi Lydia, Seifedine Kadry, Chomyong Kim and Yunyoung Nam, "Feature Fusion Based Deep Transfer Learning Based Human Gait Classification Model", : Intelligent Automation & Soft Computing, 37(2), 1453-1468.
2. Satya Saketh Kumar. G, Jalalu. G "Hazardous Gases Detection and Alerting System in Underground Coal Mines", IJIEMR Transactions, Volume 12, ISSUE 02, Pages: 392-397.
3. Gade Harish Babu, M. Srinivas, C. Gnanaprakasam, R. Thandaiah Prabu, M. Rajani Devi, Shaik Hasane Ahammad, Md. Amzad Hossain & Ahmed Nabih Zaki Rashed, "Meander Line Base Asymmetric Co-Planar Wave Guide (CPW) Feed Tri-Mode Antenna for Wi-MAX, North American Public Safety and Satellite Applications", Plasmonics, Vol. 18, Issue - 2 1007 - 1018 (2023).
4. Jalalu Guntur, S Srinivasulu Raju et al. "IoT Enhanced Smart Door Locking System with security" SN Computer Science, Volume 4, Issue 2, March 2023, Article number 209.
5. Sushma Chowdary, P., Panda, S.K. & Naidu, V.P. "High gain circular slot MIMO antenna for Wi-Max and WLAN application with minimum ECC value", Evolving Systems (2023).
6. Kausar Jahan, P. Srinivas, Shaik Hasane Ahammad, et. al., "Superior Gain and Polarization Control in MIMO Circular Ring Surface Plasmonic Planar Differential Antenna for Wireless Systems", Plasmonics journal, Vol.18, Issue.3, June 2023, Page No.: 877–887.
7. P. Durgaprasadarao, N. Siddaiah, "Group teaching optimization with improved Chan-Taylor algorithm for 3D indoor localization", Microprocessors and Microsystems, Volume 98, 2023, 104757, ISSN 0141-9331, <https://doi.org/10.1016/j.micpro.2023.104757>.
8. Korapati. Prasanti, Kumari, A.K., Kosuri, Y.R. et al. "Influence of MoS2 film thickness for nitric oxide gas sensing applications", J Mater Sci: Mater Electron 34, 72 (2023). <https://doi.org/10.1007/s10854-022-09432-x>.
9. P Pandiyan, Y Sujana and S Srinivasulu Raju "Design and simulation of piezoelectric MEMS logic gates", Journal of Ferroelectrics, Vol.602, pp.105-120, 2023 (Science Citation Indexed: Impact factor 0.761). <https://doi.org/10.1080/00150193.2022.2149306>.

Book Chapters:

1. K. Sabarish, Y. Prasanth, K. Chaitanya, N. Padmavathi, and K. Umamaheswari published a chapter "Automation of Railway Gate Using Raspberry Pi" in the book Soft Computing and Signal Processing with ISBN: 978-981-19-8668-0 on 27th June 2023.

International Conferences:

1. Khaja Mohinuddin Shaik, CSS Anupama, Supraja Paluru, Sarath Chandra Pedada, Balaram Krishna Attuluri, "Application of Deep CNN Networks in Ocular Disease Detection", 3rd International Conference on Smart Data Intelligence (ICSMDI2023) organized by Kongunadu College of Engineering and Technology during 30/03/2023 to 31/03/2023.
2. Vagdevi Adusumilli, Mahammad Firose Shaik etc. al., "Reading Aid and Translator with Raspberry Pi for Blind people", International Conference on Advanced Computing and Communication Systems (ICACCS 2023) organized by Sri Eshwar College of Engineering, Coimbatore during 17/03/2023 to 18/03/2023.
3. N. Nav Bharathi, Mahammad Firose Shaik et. al., "Heart attack Prediction using Artificial Neural Networks" International Conference on Advanced classification Computing and Communication Systems (ICACCS 2023) organized by Sri Eshwar College of Engineering, Coimbatore during 17/03/2023 to 18/03/2023.

4. P. Akhil Sai, CSS Anupama, R. Vamsi Kiran, P. Bhaskar Reddy, N. Naga Goutham, "Alzheimer's Disease Classification on SMRI Images Using Convolutional Neural Networks and Transfer Learning Based Methods", 2nd International Conference for Innovation in Technology (INOCON2023), organized by Sai Vidya Institute of Technology during 03/03/2023 to 05/03/2023.
5. Simhadri Parvathi, S. Srinivasulu Raju, M. Srikanth, Geetha Kusuma Y "Design, Simulation, Optimization and performance of a MEMS based piezoelectric energy harvester" 2nd International Conference on Innovation in Technology (INOCON 2023), Organised by Sai Vidya Institute of Technology, sponsored by IEEE Bangalore Section, Bengaluru, Karnataka, India, during 03/03/2023 to 05/03/2023.
6. Y.Nandini, K.Vijaya Lakshmi, T.Indra Sai Srujan, M,Yasheswi and K.Sri Jagadish, "Design of Real-time Automatic Drainage Cleaning and Monitoring System using IOT", 7th International Conference on Computing Methodologies and Communication (ICCMC-2023), organized by Surya Engineering College during 23/02/2023 to 25/02/2023.
7. G.Nikitha Sri , S.Kalpana etc. al., "Non-Invasive Detection of Coronary Artery Disease Symptoms using Cardio care Application" IEEE 7th International Conference on Computing Methodologies and Communication (ICCMC 2023)" organized by Surya Engineering College during 23/02/2023 to 25/02/2023.
8. Charitha, Prasanti Korapati, et.al., "An Automated segregation and storage of Onion", IEEE 7th International Conference on Computing Methodologies and Communication (ICCMC 2023)" organized by Surya Engineering College during 23/02/2023 to 25/02/2023.
9. K Siva Ravi, A Sumalatha, JVKS Chandra Rao, "An Integrated Wireless Aquaculture Monitoring and Feed Management System" 7th International Conference on Computing methodologies and communication (ICCMC 2023) organized by Surya Engineering College, Erode, India, held on February 23-25, 2023.
10. P.Rajesh, R.Sairam, M.Dinesh Kumar, P.Kasi Eswar and Y.Keerthi, "Arduino based Smart Blind Stick for People with Vision Loss", IEEE 7th International Conference on Computing Methodologies and Communication (ICCMC 2023), organized by Surya Engineering College during 23/02/2023 to 25/02/2023.
11. Manne Sowmya, Dr. N. Swathi, A. Raja Sri, M. Sai Prakash, K. Jayadeep, "Smart Vision Goggles for Blind People", International Conference on Advances in Information, Telecommunication and Computing organized by Hinweis Research, during 17/02/2023 to 18/02/2023.
12. I. Teja Sai Ethesh, Dr. N. Swathi, M. Sai Vamsi Reddy, N. Anusha, A. Yashwanth Krishna, "Automatic Industrial Gas Leakage Detection and Control System", International Conference on Control System and Signal Processing (CSSP), organized by Hinweis Research, during 17/02/2023 to 18/02/2023.
13. D Chandrashekar, A Sumalatha, K Poojitha, G Neeraj Manikanta Sai, K Kavya, "Automatic Rail Track Inspection System" 7th International Conference on Control System and Signal Processing (CSSP 2023) organized by Hinwies Research during February 17-18, 2023.
14. Ch. PSVL Anjani Pujitha, K.Umamaheswari, A. Karthik, J. Harshavardhan, D.V S Gopi Sivanadh, "Floating sun tracking solar panel" International Conference on Control System and Signal Processing (CSSP), organized by Hinweis Research, during 17/02/2023 to 18/02/2023.
15. S. Srinivasulu Raju, M. Srikanth, K Guravaiah, P Pandiyaan, B. Teja, K. Sai Tarun "A Three-Dimensional Approach for Stock Prediction Using AI/ML Algorithms: A Review & Comparison" 4th International Conference on Innovative Trends In Information Technology (ICITIIT'23), Organised by Indian Institute of Information Technology Kottayam, sponsored by IEEE Kerala Section, Kerala, India, during February 11-12, 2023.
16. Jayanth S, Jayalakshmi Chandra, M Parthive, V Chandra kala, B Uha Sushma "Smart Garbage Monitoring System by using an Android Application and the Internet of Things" 7th International Conference on Computing Methodologies and Communication (ICCMC-2023), February 23-25 2023, PP.1263-1269, doi: 10.1109/ICCMC56507.2023.10084308.

17. S. Srinivasulu Raju, K Guravaiah, P Pandiyaan, "Morphology of red blood cells classification using deep learning approach" IEEE 3rd International Conference on Technology, Engineering, Management for societal impact using marketing, entrepreneurship & talent (TEMSMET-23), Organised by Vidya Vikas Institute of Engineering and Technology, Mysuru, India, during February 10-11, 2023.
18. Chivukula Venkata Sanjana, S. Srinivasulu Raju, Munji Anusha, Boyapati Sivani, "Classification and Detection of Skin Cancer Using Deep Learning Methods" 2023 International Conference on Computer Communication and Informatics (ICCCI), Organised by Sri Shakthi Institute of Engineering and Technology, IEEE Madras Section, Coimbatore, TamilNadu, India, during Jan 23-25, 2023.
19. Jalalu Guntur, S. Srinivasulu Raju, M. Srikanth, N Surya Seshu Kumar, "Automatic Shopping Cart Using RFID and Node MCU" 2023 International Conference on Computer Communication and Informatics (ICCCI), organised by Sri Shakthi Institute of Engineering and Technology, IEEE Madras Section, Coimbatore, TamilNadu, India, during Jan 23-25, 2023.
20. Ravi Kumar K, Vijaya Lakshmi K, Rohin Kumar G, Jagan Mohan G, Devi Vara Prasad P, "Smart Manhole Monitoring System", 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023), organized by Francis Xavier Engineering College, during 23/01/2023 to 25/01/2023.
21. Sushma Chowdary Polavarapu, Sravya Yalavarthi, Lokesh Pallampati, Mubeen Mahammad "Smart Library using Arduino", International conference on computer communication and informatics, organized by Sri Shakthi Institute of Engineering and Technology during 23/01/2023 to 25/01/2023.
22. Sushma Chowdary Polavarapu, "High Precision Non-Invasive Blood Glucose Monitoring Device for Diabetic Patients", International conference on computer communication and informatics, organized by Sri Shakthi Institute of Engineering and Technology during 23/01/2023 to 25/01/2023.
23. K Niharika, S. Srinivasulu Raju, Y Sujana, K. Sai Tarun, B. Teja, "Design and Implementation of Fuzzy Logic Controller for Boiler Temperature Control using LabView" 2023 International Conference on Computer Communication and Informatics (ICCCI), Organised by Sri Shakthi Institute of Engineering and Technology, IEEE Madras Section, Coimbatore, TamilNadu, India, during Jan 23-25, 2023.
24. K.Jayadeepthi, S Srinivasulu Raju, Ch.Sravani, K Nanda Kishore, L Bhargav Nadh "Performance analysis and Numerical Modelling of Thin film sensor" 2nd International Conference for Advancement in Technology (ICONAT), Organised by Rajarambapu Institute of Technology, Rajaramnagar, sponsored by IEEE Bombay Section, Goa, India, during 24-26 January 2023.
25. N.NagaSai Kaushik, Paruchuri Srinivas, S.V.K.D.Krishna Chetan, P Yuva Teja, S. Harish, "Satin Bower Bird Algorithm Based Solar Photovoltaic System", IEEE Sponsored Third International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2023), January 2023, PP:1-8 doi:10.1109/ICAECT57570.2023.10118272.
26. RGV Prasanna, Md. Firose Shaik et. al., "Evaluation of Bone Age by Deep Learning Based on Hand X-Rays" ICOECA-2023.
27. Dinesh. S.V.S., Madala Kranthi, Rakesh. T, Harshitha Priya, M, Ramesh Babu. P; "Garbage Monitoring Ultrasonic Sensor Development by Using Nodemcuesp8266"; 2023 International Conference for Advancement in Technology, ICONAT 2023; IEEE explorer, RIT college, Goa.
28. Prasanti Korapati, Chandrasekhar. Savalam, Chinmai.V and Avinash.P, "Charging of Wearable Devices Using Human Warmth" 2023 International Conference on Communication, Circuits, and Systems.
29. CSS Anupama, E. Laxmi Lydia, K. Vijaya Kumar, "Prediction of Sepsis Disease using random search to optimize Hyperparameter tuning based on lazy predict model", 11th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023).

30. Talada Siva Sree, Maganti Srinivas, Kakaraparthi Jyothi Swaroop, Bodapati Shiva Venkata Sai Pavan, Palleda Abhishek, "An Autonomous Crop-Cutting Mechanism Using a Drone" 2023 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India.
31. Ramu A, Jayalakshmi Chandra, Maganti Parthive, Jayanth S "Rider Safety System using IoT for Two-Wheelers" 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023), pp. 557-561; doi:10.1109/ICSSIT55814.2023.10061027.
32. Y. Roshini, P. Durgaprasadarao, R. Sai Sarvan, L. V. Koushik Varma U and V. Sireesha, "High Precision Non-Invasive Blood Glucose Monitoring Device for Diabetic Patients," 2023 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICCCI56745.2023.10128321.

FACULTY PARTICIPATION IN FDP'S/WORKSHOPS/STTP'S

1. Dr.P.Srinivas attended a 7 Day national level FDP on "ChatGPT & AI tools for Educators" during 14/06/2023 to 21/06/2023.
2. Dr.P Srinivas, P.Durgaprasadarao and Dr.CSS Anupama attended a one week training program on "Plant automation and calibration of various transmitters" at KCP Sugars and Industries Corporation LTD, Vuyyuru, during 29/05/2023 to 03/06/2023.
3. K Vijaya Lakshmi attended a one-week FDP on "Current Trends in Artificial Intelligence and Machine Learning" during 19/06/2023 to 24/06/2023.
4. K Vijaya Lakshmi attended a one-day workshop on "Process Simulator and Industrial Communication protocols- Modbus, Profibus and HART" on 30/05/2023.
5. Srinivas Maganti and P.Durgaprasadarao attended a 2 Weeks FDP on "Multidisciplinary Research Methodology" during 24/04/2023 to 03/05/2023.
6. K Vijaya Lakshmi attended a 2 days' workshop on "Empowering Researchers with Chat GPT for Writing Assistance" during 18/04/2023 to 19/04/2023.
7. Dr. A Sumalatha attended a 10 days FDP on "Real Life Applications of AI ML and Data Science" during 07/04/2023 to 16/04/2023.
8. Kancharla Niharika, Kranthi Madala, K. Umamaheswari and P.Durgaprasadarao attended a 2 days seminar on "Applied Python & IoT With Raspberry PI" during 10/04/2023 to 11/04/2023.
9. Kancharla Niharika attended a 5-day STTP on "Machine Learning and IoT Applications" during 31/03/2023 to 04/04/2023.
10. K Vijaya Lakshmi attended a 6 days STTP on "Recent Trends in Computer Vision, Artificial Intelligence (AI) and Robotics" during 20/03/2023 to 25/03/2023.
11. K Vijaya Lakshmi attended a Two-Week Industrial Training on "Digital Twin for Infrastructure" during 07/03/2023 to 21/03/2023.
12. Dr. Sumalatha Akunuri and Jayalakshmi Chandra attended a 5 days Online Short-Term Course on "Role of Deep Learning in Interdisciplinary Research" during 06/03/2023 to 10/03/2023.
13. Kalpana Seelam attended a 1-day FDP on "Journal paper writing" on 10/02/2023.
14. Kancharla Niharika attended a 2 days' workshop on "Emerging Trends in Power Engineering" during 30/01/2023 to 31/01/2023.
15. Kancharla Niharika attended a 5 days STTP on "Artificial Intelligence and Machine Learning" during 27/01/2023 to 31/01/2023.
16. Dr. N.Swathi attended a DST sponsored national level 7 days training program on "LabVIEW Real-time Applications" during 18/01/2023 to 24/01/2023.

MAJOR EQUIPMENT AND SOFTWARES PURCHASED

- PCB Prototype Machine worth Rs. 5,01,500 for **Innovation and Incubation Centre**
- LCR meter -2 worth Rs. 66,080 for Measurements lab
- Digital Oscilloscopes -2(100 MHZ, 2 Channels) worth Rs. 84,960 for Measurements lab
- Digital Storage Oscilloscopes -1(100 MHZ, 2 Channels) worth Rs. 39,530 for Control systems lab
- Digital multi meter -44 ½ digit worth Rs. 15,576 for Control systems lab
- Magnetic amplifier -2 worth Rs. 67,260 for Control systems lab
- IC trainer kits -10 worth Rs. 1,49,034 for Analog Electronics Lab

Students Achievements

1. Maganti Parthive (198W1A1047) established a **startup** named Khrana Eats (UVKOS Technologies) in June 2023.
(Please find the attached document for more information.)



2. M. Parthive (198W1A1047) and SVS Dinesh (198W1A1067) of IV/IV EIE participated in “Project Expo 2k23” organized by CBIT college, Hyderabad and won **first prize worth Rs.3,000/-** on 31/01/2023.
3. V. Sai Bhargav of 3/4 EIE received 1st prize in the Poster Presentation, AFOSEC-2k23 organized by VRSEC.
4. D. Seshagiri of 3/4 EIE received 2nd prize in the Poster Presentation, AFOSEC-2k23 organized by VRSEC.
5. A. Raghu Varma of 3/4 EIE received 2nd prize in the PCB Design Challenge Event, AFOSEC-2k23 organized by VRSEC.
6. S. Nagendra Sai of 4/4 EIE received 1st prize in the Techno Cross Word, AFOSEC-2k23 organized by VRSEC.
7. S. Vijay Kumar of 3/4 EIE received 1st prize in the Technical Quiz, AFOSEC-2k23 organized by VRSEC.
8. P. Avinash, T. Sri Harika, K. Sai Phani Bhavanth of 3/4 EIE received 2nd prize in the Technical Quiz, AFOSEC-2k23 organized by VRSEC.
9. P Avinash of 3/4 EIE received 2nd prize in the Technical Poster Presentation, AFOSEC-2k23 organized by VRSEC.

Placements

A total of **15** placement offers are obtained by 4/4 B.Tech. students in software and hardware companies like **COROMANDEL INTERNATIONAL LIMITED, JSW, CAPGEMINI and DECCAN CHEMICALS** during Jan – June 2023.

S.NO	NAME	ROLL NUMBER	COMPANY	PAY PACKAGE
1	DASARI SAI CHANDRA SEKHAR	208W5A1004	COROMANDEL INTERNATIONAL LIMITED	4LPA
2	SANAGALA NAGENDRA SAI	208W5A1014	COROMANDEL INTERNATIONAL LIMITED	4LPA
3	CHARITA SRI BOLLAREDDY	198W1A1005	JSW	9.5 LPA
4	PALLEVADA YUVA TEJA	198W1A1054	CAPGEMINI	4LPA
5	SUPRAJA PALURU	198W1A1056	DECCAN CHEMICALS	3.6LPA
6	ARAVIND KUMAR THOTA	208W5A1015	DECCAN CHEMICALS	3.6LPA
7	SATYA SAKETH KUMAR G	208W5A1019	DECCAN CHEMICALS	3.6LPA
8	RAMA KRISHNA P SAI SIVA	208W5A1027	DECCAN CHEMICALS	3.6LPA
9	SAI RAM RAYUDU	208W5A1029	DECCAN CHEMICALS	2.5LPA
10	PALLEVADA YUVA TEJA	198W1A1054	DECCAN CHEMICALS	3.6LPA
11	S V K D KRISHNA CHETAN	198W1A1062	DECCAN CHEMICALS	3.6LPA
12	JAYANTH SANDIREDDY	198W1A1063	DECCAN CHEMICALS	3.6LPA
13	LIKHITH BALAJI MANI TEJA A	208W5A1001	DECCAN CHEMICALS	3.6LPA
14	BHARGAV NADH LIMGUNTLA	208W5A1011	DECCAN CHEMICALS	3.6LPA
15	SAI RAM RAYUDU	208W5A1029	DECCAN CHEMICALS	3.6LPA