EIE Times

- Measure the power of Instrumentation -

Department of Electronics and Instrumentation Engineering

Editorial

Automation-Boon or Bane

Every coin has two sides. So does the enhancement in technology. When one side offers opportunities and confidence, the other plunges its harder truth in the fear of losing existing opportunities along with the white collar jobs. The Indian economy is in transition with the on-going impact of automation on the employment of certain population which are involved in industrial control and services sector. Though automation leads to creation of various new jobs(which are in need of high experience),the destruction of the jobs which are high in number with the present economic situation is even more concerning. Under controlled scenarios automation reduces the cost of a firm, leads to reduced corruption and bureaucratic discretion. It also increases the social economic infrastructural level which in turn attracts high range investments developing the country's national and international standards. Automation becomes a problem when higher number of jobs is at stake. The requirement of new jobs is freelancing at nature thus pressuring abnormal situations among employees. As we can clearly integrate the changes brought by this developing side of technology, let's hope for the right mix of solution to be brought in the varied interests of the economy as a whole.

Message from HOD

Factual content and procedures that constitute the knowledge base of the discipline around the big ideas of the domain, links new knowledge to what is already known by presenting concepts in a conceptually and logically sequenced order that builds upon previous learning within and across grade levels. Some Interaction session are organized for faculty members of ECE & EIE like "Seizure Predictability and Study of sudden unexpected death in Epilepsy using machine learning and Association Measures", by Dr.Bharat K Karumuri (USA) and Psychological Counselling Session for of I, II &III Year EIE students is organized by "Roshni". Looking forward for an improved, bright and enthusiastic environment in the department.

Dr. R. Manjula Sree
HOD: EIE

Students Achievements

➢ **Students Internship Details**:

6 Students of EIE has selected for Internship in Verzeo, Seneca Global and TCS.

S.No	Name	Roll No.	Name of the Company
1	Sirivella Rohit	18071A10B3	VERZEO
2	Yeshwanth Satyadev	19071A1054	SENECA GLOBAL
3	Ausali Venkat Sai	20071A1066	VERZEO
4	Korrapati Vineela	20071A1031	VERZEO
5	Bussa Krishna Chaitanya	18071A1071	TCS
6	Dondapati Sujith	18071A1078	TCS

➢ **Students Placement:**

S.No	Name	Roll No.	Name of the Company
1	Yeshwanth Satyadev	19071A1054	SENECA GLOBAL
2	Mohd Farhan	18071A1036	CAPGEMINI
3	Gummadi Vinila	18071A1084	Square yards
4	Guguloth Venkatesh	18071A1020	Capgemini

"Be the change that you want to see in the world"   - Mahatma Gandhi -

Students Achievements (Contd.)

S.No	Name	Roll No.	Name of the Company
5	Sangeetha Yadav	18071A1061	Tech Mahindra
6	Nrupesh Chandra	18071A1074	Square yards (Business Development Associate)
7	Nallabothula Pranay Teja	18071A1096	Cognizant-Internship
8	Koushik BSR	18071A1069	Wipro
9	P. Sai Alekhya	18071A10A9	JP Morgan -Internship
10	Vallabhaneni Arun Datta	18071A10B9	Square yards (B2B Channel Management)
11	Viswa chandrika	18071A1065	Mindtree-internship
12	Guguloth Venkatesh	18071A1020	Mindtree digital practicum (internship)
13	Naredla Ajay Kumar Reddy	18071A1097	TCS (Internship)

Students sponsored for Guest Lecture / Seminars / Workshops / Training Programmes /Sports / Webinars conducted in the Institute/outside the Institute:

S. No.	Details of participants	Event attended	Organized by	Topic	Dates of Event
1	II Year ECE, EIE & EEE Students	guest lecture	IEEE Students chapter of VNRVJIET	Brainstorming in Silicon	15th Mar 2022 at 1:40PM to 2:40PM
2	III Year ECE, EIE & EEE Students	guest lecture	IEEE Students chapter of VNRVJIET	Brainstorming in Silicon	15th Mar 2022 at 2:40PM to 3:40PM

"Don't follow the crowd, let the crowd follow you"   **- Margaret Thatcher-**

Student Publications:

S. No.	Student Name, & Roll No.	List of Authors in the order that appears on the paper	Full title of the paper	In which the paper published	Impact of Program
1.	Palak Singh (19071A1035)	Kandala Kalyan Srinivas, Anudeep Peedi,Shabrinath BB,Neelima, K.Aditya Bharagathi	Artificial Intelligence based early Detetion and Timely Diahnosis of Mental Health- A Review	IEEE International conference on Mobile and Embedded Technology Conference (MECON - 2022), Amity University Uttar Pradesh	Paper will be presented during 10th - 11th March 2022,
2	Palak Singh (19071A1035)	Kandala Kalyan Srinivas, Anudeep Peedi,Shabrinath BB,Neelima, K.Aditya Bharagathi	Artificial Intelligence based early Detection and Timely Diagnosis of Mental Health- A Review	IEEE International conference on Mobile and Embedded Technology Conference (MECON - 2022), Amity University Uttar Pradesh	Paper presented during 10th - 11th March 2022,
3	Palak Singh (19071A1035)	Kandala Kalyan Srinivas, P.Bhavana Manaswini, Anudeep Peddi, K.Jyosthna, N.Sudhakar Yadav,Jeppala Venkata Ramana	Artificial Intelligence Technique to revolutionize the market strategies for enormous Business Expansion	IEEE International conference on Breakthrough in Heuristics and Reciprocation of Advanced Technologies (BHARAT-22), at GITAM, AP	Paper presented during 13th - 14th March 2022,

Events Organized

➢ Online Guest Lecture is organized for III Year ECE & EIE Students on "**ARM Cortex-M3 Programming", by** Mr. Mahesh Patil, Technical Director, CDAC. As part of partial coverage of syllabus by industry expert, in the subject Microprocessor and Microcontrollers on 6th January 2022.

➢ Motivation Lecture Session is organized for IV Year EIE Students on "A talk on Higher studies", by Mr. Bernard and his team from Rapid Overseas on 6th January 2022.

➢ The Dept. of EIE in association with ISOI student chapter have organized VOLTAIC—a gaming contest for first year students across all departments on 6th January 2022. The games include: Sudoku, Rubics Cube, and three electronic games named Buzz Wire,   LED Racer and Cyclone Arcade. The electronic games were designed and developed by senior students of EIE were thoroughly enjoyed and appreciated by all the participants.

"Every time you have to speak, you are auditioning for leadership."   **- James Humes**

LED Racer

BUZZ WIRE

CYCLONE ARCADE

SODO

RUBICS CUBE

➢ **Students sponsored for Guest Lecture / Seminars / Workshops / Training Programmes /Sports / Webinars conducted in the Institute/outside the Institute:**

S.No.	Details of participants	Event attended	Organized by	Topic	Dates of Event
1	III Year EIE Students	Training Classes	CDC Cell, VNRVJIET	GATE Classes	18th & 19th Dec 2021
2	III Year EIE Students	Training Classes	CDC Cell, VNRVJIET	GATE Classes	4th,7th,8th,21st, & 22nd Jan 2022

Faculty Participation

➢ Dr. R.Manjula Sri,Professor & Head, has attended Ninth International Conference in Transformations in Engineering Education (ICTIEE 2022), organized by Indo Universal Collaboration for Engineering Education (IUCEE) at Hyderabad during 07th -09th Jan 2022.

➢ Mr. V.Nageshwar, Assoc.Professor, has attended Ninth International Conference in Transformations in Engineering Education (ICTIEE 2022), organized by Indo Universal Collaboration for Engineering Education (IUCEE) at Hyderabad during 07th -09th Jan 2022.

➢ K.Vijay Chandra ,Asst.Professor, attended Refresher Programme on 5G cognitive Communication organized by Chalapathi Institute of technology, Dept of ECE, Guntur during 17th- 22nd Jan 2022.

➢ A.Adithya Kashyap, Asst.Professor, attended 3 day AICTE workshop on Examination Reforms Organized by AICTE and KLE Tech University, Karnataka during 3rd – 5th Jan 2022.

➢ N.Akshay, Asst.Professor, attended 3 day Online short Term Course on Bio-Inspired Optimization Techniques organized by NITTTR, Chandigarh during 17th-21st Jan 2022.

➢ The following EIE Faculty members has attended Training session on "Derwent Innovation", A Global patent data and summarizing the patent information through a tool called "Derwent World Patents Index (DWPI)". on 27-01-2022 from 2:00 to 3:00pm.

➢ Dr.R.Manjula Sri, Dr.K.Vidya Sagar, Dr.S.Pranavanand, Dr.K.Sudha Rani, Mr.M.Hari Krishna, Dr.C.Kiran, Mr. C.V. Ram Babu, Ms.S.Vandana, Mr.N.Akshay, Ms.D.Srilaxmi, Mr.P.V.Gopi Kumar, Ms.D.Swetha and Dr.S.Senthil Kumar.

➢ Dr.C.Kiran, Assoc.Professor, went to attended monthly meeting of Telangana Incubators and Enablers Network Meeting at Lord's Institute of Engineering and Technology's Technology Business Incubator as the Manager of VJ Hub.

"Failure will never overtake us if our determination to succeed is strong enough."
- Mahatma Gandhi

- Mr.V. Nageshwar, Assoc.Professor, Attended & presented Paper with title Seizure and Drowsiness Detection using ICA and ANN", in 4th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2022) during 10-11 Feb 2022.
- The following faculty members were attended 3-day online workshop on "Examination Reform", organized by AICTE during 14th -16th Feb 2022.

Dr.R.Manjula Sri,	Professor & Head.
Dr.M.Sreedhar,	Professor
Dr.S.Pranavanand,	Assoc.Professor
Mr.M.Hari Krishna,	Assoc. Professor
Mr.C.V.Ram Babu,	Sr.Asst.Professor

- The following faculty members were attending Online NPTEL Faculty Development Program on "NATE Week-2-5", during 24th Jan – 24th April 2022

Dr.R.Manjula Sri,	Professor & Head.
Dr.M.Sreedhar,	Professor
Anitha Kulkarni,	Assoc.Professor
V.Nageshwar,	Assoc.Professor

- Ms.Anitha Kulkarni, Assoc Professor, attended online Faculty Development Program on "IoT & Applications (Smart Systems)", during 14th to 25th Feb 2022.
- Mr.V.Nageshwar, Assoc.Professor, attended online 4 Day Faculty Development Program on "Design Thinking", during 2nd-5th Feb 2022.
- Dr.B.Raja Shekara Reddy, Asst.Professor, Attended online Faculty Development Program on "Python Data Science with the Temperature Control Lab", organized by Udemy during 15th-25th Feb 2022.
- Ms.Anitha Kulkarni, Assoc.professor, attended Webinar on Academic Integrity for Research Scholars on 26th Feb 2022.
- Dr.C.Kiran, Assoc.Professor, EIE went to attend the launch of Cinepreneur Programme by T-Hub and meeting the VP-Innovation Ecosystem to discuss Institute's collaboration with T-Hub and also visited Mamata Hospital in the afternoon to discuss potential collaboration for healthcare data access on 09-03-2022.

- The following faculty members attended "An orientation program on the importance of Mentoring and how to use the mentoring app-eMpact for mentoring the first B. Tech students", for all the I.B.Tech (Faculty) mentors on 16th March, 2022 at 4.00pm at A.P.J Abdul Kalam Auditorium.

"Every time you have to speak, you are auditioning for leadership."   - James Humes

1) Dr.M.Sreedhar,   Professor
2) V.Nageshwar   Assoc.Professor
3) K.Vijay Chandra   Asst.Professor
4) S.S.Bharathi Sagi   Asst.Professor
5) D.Srilaxmi   Asst.Professor
6) P.Sampurna Lakshmi   Asst.Professor
7) D.Swetha   Asst.Professor
8) Dr.B.Raja Shekara Reddy   Asst.Professor
9) Dr.S.Senthil Kumar   Asst.Professor

➢ N.Akshay, Asst.Professor, attended online 8th International Conference on Advanced Computing and Communication Systems (ICACCS) on Respiratory Analysis –Detection of Various Lung diseases using Audio Signals at Sri Eshwar College of Engineering, Coimbatore, TamilNadu, India. Technically Sponsored by IEEE Madras Section during 25th-26th Mar 2022.

Research and Development (R & D)

Faculty Name, Designation & Department	List of Authors in the order that appears on the paper	Full title of the paper	Conference in which the paper published	Volume Issue, Page Nos.	Date/ Month & Year of publica-tion
Nageshwar V., Associate Professor/EIE	Nageshwar V., Sai Charan Reddy, N.Rahul sai, K.Narendra	Seizure and Drowsiness Detection Using ICA and ANN	4th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2022)	-	10th & 11th Feb 2022
Dr.K.Sudharani, Associate Professor/EIE	Dr.A Sumalatha, Dr.A .Bhujanga Rao, Dr.K.Sudha Rani	An Experimental study of Boiler Drum Level Controller performance through System Identification Models	First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2022)	-	16th -18th Feb 2022
Dr.R.Manjula Sri, Professor & Head/EIE	Lakshmi KalaPampana, Manjula SriRayudu	Domain-specific trained model to auto grade AV Nicking severity level	Journal of Biomedical Signal Processing and Control	Volume 76,	July 2022

"**Reading Is To The Mind, As Exercise Is To The Body**."   **- Brian Tracy** -