

**NALLA NARASIMHA REDDY EDUCATION
SOCIETY'S GROUP OF INSTITUTIONS
(AN UGC AUTONOMOUS INSTITUTION)**

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**



**ELECTRONICS COMMUNICATION
AND ENGINEERING**

DEPARTMENT NEWSLETTER

2022-23

(MAY-JUNE)

SCHOOL OF ENGINEERING

INSTITUTE'S VISION AND MISSION

VISION : To be a premier institution ensuring globally competent and ethically strong professionals.

MISSION :

- To provide higher education by refining the traditional methods of teaching to make globally competent professionals
- To impart quality education by providing the state of the art infrastructure and innovative research facilities.
- To practice and promote high standards of professional ethics, transparency and accountability.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION :

- ❖ To produce creative Electronics and Communication engineering graduates with cutting edge technology and Research to meet Industry and societal needs.

MISSION :

- ❖ To provide innovative learning environment to enable the students to face the challenges
- ❖ To provide value based education by promoting activities addressing societal needs
- ❖ To enable graduates to develop the skills to solve complex problems in multidisciplinary activities

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DEPARTMENT OF ELECTRONICS &
COMMUNICATIONS ENGINEERING

ECE DEPARTMENT NEWSLETTER 2020-21

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1. SALIENT FEATURES

ABOUT ECE DEPARTMENT

Electronics is the branch of study that has revolutionized the life style of humanity. It is a pace setter and a prime mover behind the transition to a technological society. The field of Electronics and Communication Engineering encompasses all areas of human life. Radio, television, telephones, computers, automobiles, office machinery and house-hold appliances, life saving medical equipments and space vehicles represent a mere sample in the wide spectrum of application of Electronics.

In the age of satellite transmitted television and transcontinental computer network, the challenge and opportunities in this profession continue to mushroom. Electronics and Communication Engineering graduates have unlimited opportunities in the field of terrestrial and extra terrestrial communication systems like telephones, cellular phones, television, optical fibre communication, consumer and entertainment devices. Highly rewarding and greatly satisfying opportunities await the Electronics and Communication Engineers in the field of satellite space programs, embedded technologies etc.

The Department of Electronics and Communication was started in the year 2009. It is a full-fledged academic department for emerging ECE engineers. B.Tech. (ECE) program was duly approved by the AICTE and affiliated to JNTU, Hyderabad. An intake of 60 was sanctioned initially and then it is raised to 180 from the year 2019. PG Programme in M.Tech with specialisation VLSI & Embedded Systems is approved by AICTE for the academic year 2013-14, with an intake of 18. Faculty of the department are 30 in number out of them 8 are doctorates, and 10 faculty are pursuing their PhD. Younger faculty of the department is having more than 4 years of teaching experience. Department is having nine well equipped and spacious state-of-the-art laboratories. Seminars, Workshops and Technical Symposia are conducted in the department to keep faculty and students updated with latest developments in various technologies. The department is committed to provide students the opportunity to embark on a rewarding and exciting learning journey in preparation for a future career.

The Electronics & Communication Engineering (ECE) Department has built a reputation for excellence in teaching and service. Electronic engineers are changing the world to a comfortable global home. The information and technology revolution has been built on the advances of Electronics.

ECE is making exhilarating progress in areas ranging from microelectronics, mobile

communications to VLSI Design Automation. In labs and classrooms, students draw on the expertise and knowledge of our faculty, integrating practical with challenging and interesting course-work. The team approach is very warm in the Department of ECE.

The software's and major Equipments that are available in the department are:

- Cadence EDA Tool
 - MATLAB-2014b and Tool Boxes (Simulink, Image Processing, Communication, Signal Processing and Digital Signal Processing System)
 - Spectrum Analyzer and Signal Generator
 - OFDM trainer kit
 - Digital Signal Processors Kits(TMS320C6713)
 - Advanced RISC Machine Processor Kits(LPC2148)
 - Xilinx SPARTAN 3Em FPGA Boards
-

2. DEPARTMENT EVENTS

2.1 Faculty Development Programme

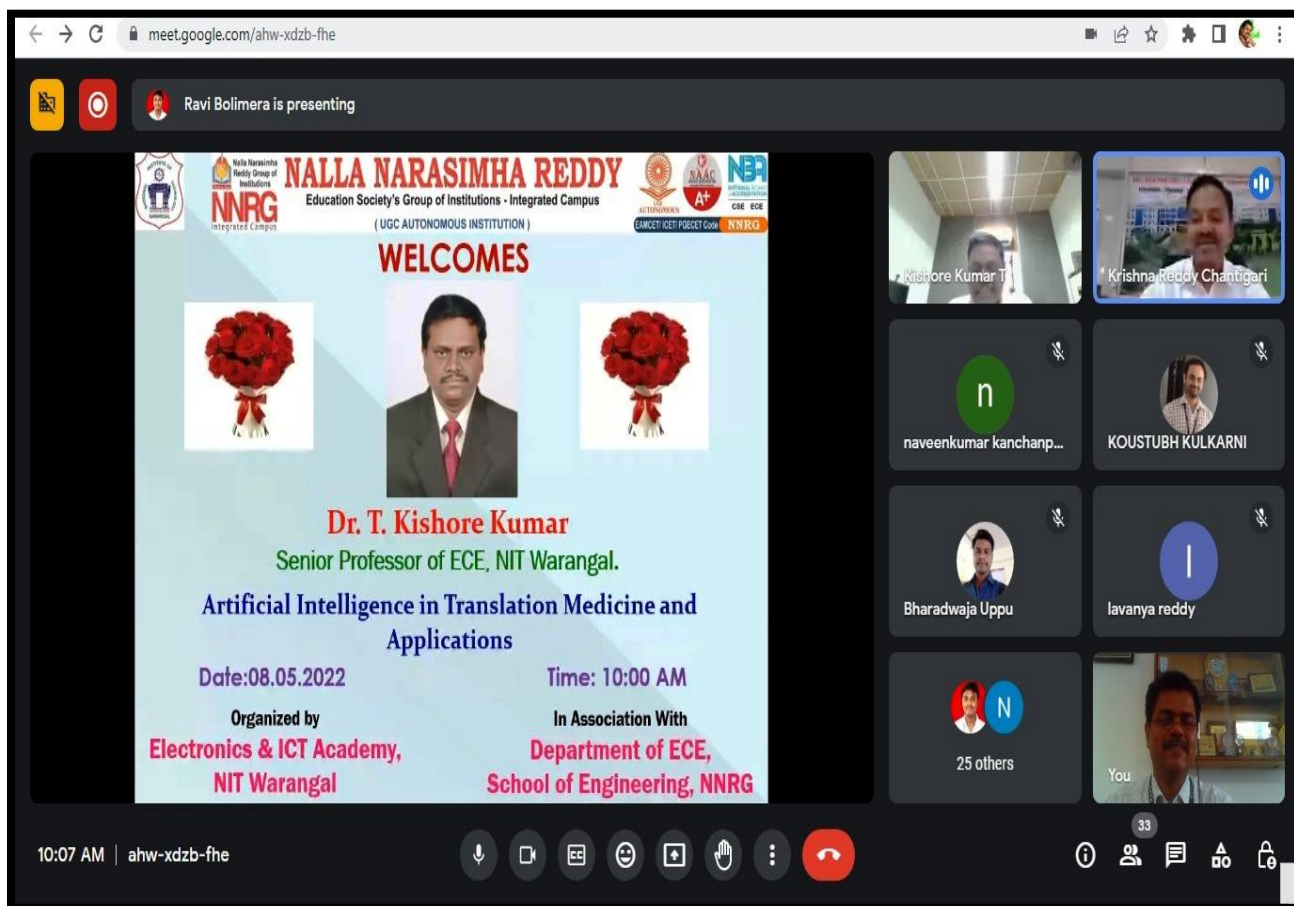
The Electronics & Information and Communication Technology (E&ICT) Academy of National Institute of Technology (NIT), Warangal in association the Department of Electronics & Communication Engineering (ECE) and Institute Innovation Cell (IIC) of Nalla Narasimha Reddy Education Society's Group of Institution, Hyderabad had organized a Faculty Development Programme (FDP) on "RECENT RESEARCH TRENDS AND APPLICATIONS OF ARTIFICIAL INTELLIGENCE & INTERNET OF THINGS" from 05th May, 2023 (Friday) to 13th May, 2023 (Saturday) through Online mode (Google Meet platform).

The inaugural session was held at 10.30 am by and Dr. C.V.Krishna Reddy, Director, NNRESGI, Hyderabad and Prof. T.Kishore, Professor, Dept. of ECE, NIT, Warangal followed with welcome messages and brief introduction of FDP program. The Head of Department, ECE Dr. S. Ravichand, had welcomed the delegates, speakers and participants, The Coordinator of the program Dr.Ravi Bolimera, Assistant Professor, ECE department had briefed up the session topics and schedule. Strength of 48 participants including faculty and research scholars across the country had actively involved in all the sessions of program.

FACULTY DEVELOPMENT PROGRAMME


Lecture Schedule - 05th May – 13th May, 2023



DATE	Session – I (10:00 AM - 12:00 AM)		Session – II (02:00 PM - 04:00 PM)	
05/5/23 FRI	Inauguration	Keynote Address The Role of AI in Defense Applications Dr G Mallikarjuna Rao Scientist & Head, RFSD1 / DRFS1 Research Centre Imarat DRDO	Introduction to AI, IoT and Its Applications Prof. T. Kishore Kumar, Dept. of ECE, NITW	
06/5/23 SAT	Intelligent Frameworks for Smart Applications Prof. G Ram Mohana Reddy Dept. of IT, NIT Surathkal		Hands on Session Advanced Python Libraries for signal processing applications Dr. K Sunil Kumar, SRF, NITW	
07/5/23 SUN	Data Trends in AI and ML Mr. Tony Sandeep Senior Associate Consultant, Infosys		-	
08/5/23 MON	Artificial Intelligence in Translation Medicine and Applications Prof. T. Kishore Kumar Dept. of ECE, NITW		Dr. Satish Kumar, Chief Scientist, CSIO Chandigarh Topic: Edge Computing & Applications	
09/5/23 TUE	Applications of IoTs, AI-ML and Image Processing in Smart Cities & Villiages Prof. Vinay Kumar. Mittal, Director, NETI research center and Vice Chancellor, GIET University		Deep Learning for Computer Vision Dr I Earnest Paul, Associate Professor Department of CSE, NITW	
10/5/23 WED	Hands on Session Raspberry Pi Its architecture, Programming and case studies M. Manoj Kumar JRF, NITW		LUNCH	
11/5/23 THU	Introduction to optimization Techniques & Its usage in AI & ML Dr.P.Kishore Kumar, Former Head, Department of ECE, NIT AP		2:00-3:30 AI Applications & IoT Assisted WSN Dr.G.Kiran Kumar, Head, Dept of ECE, NIT AP	3:35PM-5:00PM AI in Multi Objective IOT Systems Dr. Sibi Chakravarthy S, School of CSE, VIT AP
12/5/23 FRI	State of the art Machine Learning models for classification and regression Dr.Jothi Prabha Appadurai Associate Professor Dept. of CSE-N, KITSW		1:30-2:05 AI in Multi Objective IOT Systems Dr. Sibi Chakravarthy School of CSE, VIT AP	2:15-4:00 Dr.Krishna Naik, HOD ECE, IITDM, Kurnool, IoT & Its Applications
13/5/23 SAT	10:00-11:00 Machine learning for emotion detection Prof. T. Kishore Kumar Dept. of ECE, NITW	11:00-12:00 VAG based Knee Joint Healthcare Monitoring Dr.K.Ashok Reddy Principal, KITS, Warangal	2:00 PM to 3:00 PM. National Education Policy 2020_An overview Dr. C. V. Krishna Reddy Director, NNRG Group of Institutions	Test /Quiz Valedictory



2.2 WEBINARS

To get more practical knowledge about various emerging areas and its applications in the field of Electronics and Communication Engineering, ECE Department very often organizes various webinars to bridge the gap between Industry and Academics.

S. No	Date of Event	Name & Designation of the Resource person	Topic	Photo
1	31 th May 2023	Ms.Santoshi Buddhiraju, CEO, Autocracy Machinery Private Limited, Hyderabad	Prototype/Process Design and Development	

2	3rd June 2023.	Mr. Vijay Kumar Reddy, <i>Director</i> , EAIESB Software Solutions, Hyderabad	Digital Transformation Services	
3	24 th June 2023	Mr. Vijay Kumar Reddy, <i>Director</i> , EAIESB Software Solutions, Hyderabad	Middleware Meet up on Mulesoft & Boomi with Salesforce	

3. FACULTY ACHIEVEMENTS

3.1 Accepted / Published SCI/Scopus Journals

1. Dr.S. Ravi Chand & Dr.T.Raja Sekhar, published a SCI journal entitled, “A novel approach for design energy efficient inexact reverse carry select adders for IoT applications”, in Results in Engineering (RINENG) Volume 18, June 2023,101127, ISSN: 2590-1230, <https://doi.org/10.1016/j.rineng.2023.101127>.
2. Dr.S. Ravi Chand published a Scopus journal entitled “Design and Modeling of Tunnel Field Effect Transistor- using TCAD Modeling”, May 5, 2023, Volume 11 Issue (4), pp. 224–231, DOI: <https://doi.org/10.17762/ijritcc.v11i4s.6532>
3. Dr.S.Ravi Chand published a paper entitled "Performance Analysis of Forecasting Price Prediction of Crypto-Currency using Deep Learning Algorithm “In European Chemical Bulletin, Scopus indexed with ISSN:2063-5346, Volume -12, issue -8 (2023) <https://doi:10.48047/ecb/2023.12.8.206>
4. Ms E.Suneetha published a paper entitled "Colour Image Processing for Non-Invasive Prediction of the Quality of Edible Oils" In European Chemical Bulletin, Scopus indexed with ISSN:ISSN 2063-5346 <https://doi:10.31838/ecb/2023.12.si4.200>

3.2 Faculty Development Programs attended and NPTEL certifications

<u>S.No</u>	<u>Name of the Faculty</u>	<u>Topic</u>	<u>Organization & Place</u>	<u>Duration (From - To)</u>
1	Dr.S.RaviChand	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
2	Dr.S.RaviChand	Advanced Communication Systems	Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	5 th -9 th June 2023
3	Mr.P.S.Sreenivasa Reddy	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
4	Ms.E.Suneetha	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
5	Mr.Dr.S.Karthick	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
6	Mr.Dr.S.Karthick	Op-Amp Practical Applications: Design, Simulation and Implementation	NPTEL Certificate, Indian Institute of Science, Bangalore	Jan-April 2023
7	Dr.B.HariPrasad Naik	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
8	Mr.Dr.T.Rajasekhar	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
9	Mr.Dr.V.Sravan	Recent Research Trends	Electronics & ICT Academy,	5 th -13 th May

	Kumar	and applications of Artificial Intelligence and Internet of Things	NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	2023
10	Mr.Dr.Sravan Kumar	Foundation of Cloud IoT Edge ML	NPTEL Certificate, Indian Institute of Technology, Kanpur	Feb-April 2023
11	Ms.K.Madhavi	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
12	Mr.Prashant Krishnaji Kulkarni	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
13	Mr.Koustubh Kulkarni	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
14	Mr.Koustubh Kulkarni	Optical Wireless Communications for Beyond 5G Networks and IoT	NPTEL CERTIFICATE, Indraprastha Institute of Information Technology, Delhi	Jan-April 2023
15	Mr.K.Rambabu	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
16	Mr.K.Naveen Kumar	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
17	Ms.T.Swetha	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
18	Ms.T.Swetha	NBA Accrediation and	NPTEL Certificate, Indian	Jan-April 2023

		Teaching and Learning in Engineering(NATE)	Institute of Science, Bangalore	
19	Ms.Dr.S Rekha	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
20	Ms.M.Sharat Chandra	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
21	Mr.Alampally Aravind	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
22	Mr.Alampally Aravind	Data Science and Chat GPT	K L Deemed to be University in Collaboration with ExcelR.	15 th -19 th May 2023
23	Mr.Alampally Aravind	Advanced Communication Systems	Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	5 th -9 th June 2023
24	Mr.U.Bharadwaja	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
25	Mr.K.Ramesh	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
26	Mr.V.Neelavathi	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
27	Mr.Ravi Bolimera	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's	5 th -13 th May 2023

			Group of Institutions.	
28	Ms.Dr.Nettem Adithya Valli	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
29	Mr.Nitesh Gaikwad	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
30	Mr.Nitesh Gaikwad	Cloud Computing	Indian Institute of Technology Kharagpur, NPTEL Certification	Jan –April 2023
31	Mr.N.Suresh	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
32	Ms.N.Lavanya	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
33	Ms.N.Lavanya	Advanced Communication Systems	Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	5 th -9 th June 2023
34	Ms.Anuradha K	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
35	Ms.Anuradha K	Advanced Communication Systems	Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	5 th -9 th June 2023
36	Mr.CH.Phanindra	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
37	Mr.V.Nandhini	Recent Research Trends and applications of Artificial Intelligence	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics	5 th -13 th May 2023

		and Internet of Things	and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	
38	Ms.Y.Subashini	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
39	Ms.K.Mamatha	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023
40	Ms.R.Manasa	Recent Research Trends and applications of Artificial Intelligence and Internet of Things	Electronics & ICT Academy, NIT Warangal in Association with Department of Electronics and Communication Engineering at Nalla Narasimha Reddy Education Society's Group of Institutions.	5 th -13 th May 2023

4. STUDENTS' ACHIEVEMENTS

4.1 STUDENTS PUBLICATIONS

Student Publications - Details						
S.No	Roll Number	Name of the Student	Title	Name of the Journal / Conference	ISSN / ISBN	Date
Academic Year 2022-23						
1	197Z1A0447	K. Amulya	Performance based metric evaluation of Error-Tolerant Adders for video coding	JETIR	2349-5162	JUNE 2023
	197Z1A0409	B. Ruma				
	197Z1A0402	A. Ganesh Kumar				
2	197Z1A0429	G. Rishika	A smart helmet's design for safe driving	IJRAR	2349-5138	JUNE 2023
	197Z1A0412	B. Koushik Reddy				
	197Z1A0438	J. Nuthan				
3	197Z1A0410	B. Sai Nithin	Design of approximate adders and multipliers using majority logic gate	IJRAR	2349-5138	JUNE 2023
	197Z1A0415	B. Ginitha				
	197Z1A0432	G. Venu Gopal				
4	197Z1A0416	B. Varsha	Gesture control elevator	IJRAR	2349-5138	JUNE 2023
	197Z1A0403	A. Sai Krishna				
	197Z1A0407	B. Poojitha				
5	197Z1A0437	J. Lakshmi Divya	Substation monitoring	IJRAR	2349-	JUNE

	197Z1A0422	D. Sai Teja Goud	and controlling system		5138	2023
	197Z1A0405	A. Sai Shiva				
6	197Z1A0419	Ch. Deepak Reddy	Bank Locker Security System using Dual Password	IJRAR	2349-5138	JUNE 2023
	197Z1A0433	G.Lavanya				
	197Z1A0414	B.V. Rajesh Chary				
7	197Z1A0441	K. Susmitha	Wireless sensor based railway bridge damage and track fault notification with alarm system	IJAEMA	0886-9367	JUNE 2023
	197Z1A0443	K. Sujatha				
	197Z1A0439	J. Vijay				
8	197Z1A0418	Ch. Sai Shivani	Led countdown timer display for examination hall	IJAEMA	0886-9367	JUNE 2023
	197Z1A0427	G. Pramitha				
	197Z1A0435	I.Suhas Reddy				
9	197Z1A0436	J. Karthik	Wireless Electric Bike Charging System	IJRAR	2349-5138	JUNE 2023
	197Z1A0448	K. Anudeep				
	197Z1A0423	D. Jaya Krishna Reddy				
10	197Z1A0425	D. Tanvitha Reddy	Secure Data Encoding Scheme for Visual Cryptography	IJRAR	2349-5138	JUNE 2023
	197Z1A0421	D. Shashivardhan				
11	197Z1A0413	B. Anuhya	A Power-Efficient Parallel Design for Linear Feedback Shift Register	IJRAR	2349-5138	JUNE 2023
	197Z1A0417	B. Divya				
	197Z1A0401	A. Akhil Kumar				
	187Z1A0488	Sreeja Deshpandey				
12	197Z1A0406	M. Anvesh Reddy	IOT Based locker system using authenticator application	IJRAR	2349-5138	JUNE 2023
	197Z1A0434	G. Sathvika				
	197Z1A0426	E. kedarnath				
13	197Z1A0445	K. Prasanna	Design of High Speed and Low Power carry select adder	IJRPR	2582-7421	JUNE 2023
	197Z1A0424	D. Divya				
	197Z1A0431	G. Badrinath Goud				
14	197Z1A0411	B. Mukesh Kumar	Smart Helmet for Underground Mining workers	IJRAR	2349-5138	JUNE 2023
	197Z1A0440	J. Praveen Kuamr				
	197Z1A0444	K. Mahesh				
15	197Z1A0461	M. Aditi Reddy	Design of a multitasking robot for enhanced surveillance and monitoring using DTMF and GSM technology	IJRAR	2349-5138	JUNE 2023
	197Z1A0458	L. Neha				
	197Z1A0452	K. Ankith				
16	197Z1A0462	M. Girish	Intelligence based Traffic control system for ambulance using IoT	IJSRST	2395-6011	JUNE 2023
	197Z1A0459	L. Srinija				
	197Z1A0473	M. Navyanth				
17	197Z1A0475	N. Akhil Sai	Mobile Technology (GSM) Based Remote Monitoring And Control Of Energy Meter	JES	0377-9254	JUNE 2023
	197Z1A0460	Lydia Rachel				
	197Z1A0469	M. Vamshi Krishna				
18	197Z1A0468	M. Omkar Reddy	Design of 8 bit carry select adder using 90nm cmos technology	IJRAR	2349-5138	JUNE 2023
	197Z1A0470	M. Bhanu Chandra Sheker Rao				
	197Z1A0455	Amogh Krishna				

19	197Z1A0467	M. Akshay Reddy	Motion Based Message Conveyor for Paralytic/Disabled People	JETIR	2349-5162	JUNE 2023
	197Z1A0471	M. Soumya				
	197Z1A0474	M. Yashwanth				
20	197Z1A0449	K. Ramya	A Wireless IoT System Towards Gait Detection in Stroke Patients	IJRAR	2349-5138	JUNE 2023
	197Z1A0456	K. Sirisha				
	197Z1A0454	K. Sai Kiran				
21	197Z1A0465	M. Raghu	Design of 4-bit braun multiplier using cntfet technology	IJRAR	2349-5138	JUNE 2023
	197Z1A0466	M. Aishwarya				
	197Z1A0463	M. Pavan Kumar Reddy				
22	197Z1A0489	P.Nikitha	Design of low power high performance mixed logic line decoders	IJRAR	2349-5138	JUNE 2023
	197Z1A0490	P. Sathwik				
	197Z1A0498	R.Sravani				
23	197Z1A0483	P. Keerthi	A High Speed and Low Noise Modified Version of Three – Stage Comparator	IJRAR	2349-5138	JUNE 2023
	197Z1A0482	Manoj Kumar				
	197Z1A0497	R. Sai Avinash				
24	197Z1A0479	Nikitha Sharma	Design and Simulation of Phased Array Antenna using HFSS	JETIR	2349-5162	JUNE 2023
	197Z1A0486	P. Vivek				
	197Z1A0487	P. Madan				
25	197Z1A0493	P.Sowmya	Touch Screen and Zigbee Based Wireless Communication Assistant for Dumb and Illiterates in Airlines	IJRAR	2349-5138	JUNE 2023
	197Z1A0492	P.Ashwini				
	197Z1A0496	P.Shiva Teja				
26	197Z1A0480	N. Chandu	Manhole Detection and Monitoring System	IJRAR	2349-5138	JUNE 2023
	197Z1A0491	P.Naveen				
	197Z1A0494	P.Gnaneshwar				
27	197Z1A0477	Devendar	Voice Controlled Humanoid Robot	IJRAR	2349-5138	JUNE 2023
	197Z1A0495	P.Leela Chakradhar				
	197Z1A0484	P. Pavan				
28	207Z5A0404	D.Venkatnath Dass	Smart Energy Meter using IoT	IJSRST	2395-6011	JUNE 2023
	197Z1A04A7	S.Akhila				
	197Z1A0499	R.Prasanjith				
29	197Z1A04C1	Vidhatri Joshi	Satellite Image Classification using Extended Local Binary Patterns & Support Vector Machine	JES	0377-9254	JUNE 2023
	197Z1A04A6	S.Sai Charan				
	197Z1A04C7	Y.Akash				
30	207Z5A0408	M.Pavan	Weed Detection using Image Processing	JETIR	2349-5162	JUNE 2023
	197Z1A04A3	S.Sai Sujith Raju				
	197Z1A04A9	T.Mohan Sai				
31	197Z1A04C5	Y. Sai Lokesh	Design of Fingerprint Cum GPS Tracking Prototype for Vehicle and License	JES	0377-9254	JUNE 2023
	197Z1A04B2	T. Gowri Shankar				
	197Z1A04C9	Ch.Sravani				

			Authenticity			
32	197Z1A04B9	V.Dhrithik	Compact 4-Element Beam Steerable Adaptive Array Antenna for 5G Application	IJESAT	2250-3676	JUNE 2023
	197Z1A04B1	T.Sai Kiran Singh				
	197Z1A04B4	Sk.Sameer				
33	197Z1A04B5	T.Bhargavi	Kidney Stone Detection from Ultra Sound Images by using Canny Edge Detection and CNN Classification	IJRAR	2349-5138	JUNE 2023
	197Z1A04A8	S.Durga Prasad				
	207Z5A0414	P.Krishna Charan				
34	207Z5A0406	K. Shoba Rani	Implementation of Speech Enhancement Techniques using DSP Processor	IJRPR	2582-7421	JUNE 2023
	197Z1A04C6	Y.Sankeerth				
	207Z5A0416	P.Mahedar				
35	207Z5A0420	V.Madhuri	Diabetic Retinopathy Detection using Image Processing	IJRPR	2582-7421	JUNE 2023
	197Z1A04B7	V.Ragini Santoshi				
	197Z1A04D0	G.Indra Karan Reddy				
36	207Z5A0417	P.Aravind	Determination and Analysis of Arthritis using Digital Image Processing Techniques	JETIR	2349-5162	JUNE 2023
	207Z5A0409	Harshitha				
	207Z5A0405	Sai Kiran				
37	197Z1A04B6	Vaibhav Avasthy	Automatic Ration Distributions Based on RFID Technology	IJSR	2319-7064	JUNE 2023
38	197Z1A04A2	R.Vivek Krishna	U-slot Loaded Half-Circled Microstrip Patch Antenna Analysis Using XGBOOST Machine Learning Algorithm	IJSRST	2395-6011	JUNE 2023
	197Z1A04C4	V.Naveen				
	207Z5A0411	Md.Ibrahim				
39	207Z5A0401	A.Sri Laxmi Prasanna	Computer Speech Recognition using Machine Learning	IJRPR	2582-7421	JUNE 2023
	207Z5A0402	B.Teja				
	207Z5A0410	M.Priyanka				
	207Z5A0418	R.Srikanth				
	197Z1A04B4	T.Jagadeesh				
40	197Z1A04A1	R.Harika Reddy	Recognizing Clothes Patterns and Colours for Blind People using Neural Network	IJRAR	2349-5138	JUNE 2023
	197Z1A04C3	V.Neeraj				
	197Z1A04A0	R.Pranay				
41	197Z1A04B3	T.Akshaya	Night Vision Patrolling Robot	IJRAR	2349-5138	JUNE 2023
	207Z5A0412	M.Prashanth				
	207Z5A0403	B.Sai Dhanush				
42	207Z5A0407	K.Ravali	Design of a 4-Bit Ripple Carry Adder Based on Quantum-Dot Cellular Automata Technology	IJRAR	2349-5138	JUNE 2023
	207Z5A0419	S.Shiva Teja Reddy				
	197Z1A04C2	V.Hitesh				

4.2 EXTRA-CURRICULAR ACTIVITIES

S.No	Roll Number	Name of the Student	Year	Name of the Event	Name of Host Institution	Prize details	Date(s)
Academic Year 2022-23							
1	207Z1A0449	K.Varun	2023	Parakram (Robo War)	MVSR College	1 st position	23-June -23
2	207Z1A0421	D.Rafi	2023	Parakram (Robo War)	MVSR College	1 st position	23-June -23
3	207Z1A0421	D.Rafi	2023	Boddhiki (Tech Quiz)	MVSR College	Participation Certificate	23-June -23
4	207Z1A0448	K.Vishnu	2023	Boddhiki (Tech Quiz)	MVSR College	Participation Certificate	23-June -23
5	207Z1A0421	D.Rafi	2023	Tech Taboo	MVSR College	Participation Certificate	23-June -23
6	207Z1A0448	K.Vishnu	2023	Tech Taboo	MVSR College	Participation Certificate	23-June -23
7	207Z1A0449	K.Varun	2023	Vartis(A Circuit Design)	MVSR College	Participation Certificate	23-June -23
8	207Z1A0448	K.Vishnu	2023	Vartis(A Circuit Design)	MVSR College	Participation Certificate	23-June -23
9	207Z1A0407	A.Swathi	2023	Treasure Hunt	MVSR College	Runner Up Certificate	23-June -23
10	207Z1A0407	A.Swathi	2023	Code X and O	MVSR College	Participation Certificate	23-June -23

4.3 PLACEMENT SELECTS

<u>Sl. no.</u>	<u>Roll no.</u>	<u>Name</u>	<u>MNC name</u>
1	197Z1A0436	J.Karthik	TCS
2	197Z1A0483	P.Keerthi	SYNOPSIS
3	197Z1A0462	M.Girish	BYJU'S
4	197Z1A04B6	Vaibhav Avasthy	BYJU'S
5	197Z1A0462	Boddupalli Chandu	BYJU'S
6	197Z1A0468	Mandi Omkar Reddy	BYJU'S
7	197Z1A0488	Pindrathi Radhika	BYJU'S
8	197Z1A0405	Akula Sai shiva	BYJU'S
9	197Z1A0460	Lydia Rachel	BYJU'S
10	197Z1A0430	Garlapati sai santhosh Reddy	BYJU'S
11	197Z1A0406	Malireddy Anvesh Reddy	BYJU'S
12	197Z1A04B8	Veeramalla Anivesh	BYJU'S
13	197Z1A0483	Pandrapragada Keerthi	BYJU'S
14	197Z1A04B2	T. Gowri Shankar	BYJU'S
15	197Z1A0419	Ch.Deepak Reddy	BYJU'S
16	197Z1A04B5	T.Bhargavi	BYJU'S

17	197Z1A04B7	Ragini Sanoshi	BYJU'S
18	197Z1A04A1	Soumya	BYJU'S
19	197Z1A0462	R.Harika Reddy	BYJU'S
20	207Z1A0420	V.Madhuri	BYJU'S
21	207Z1A0410	M.Priyanka	BYJU'S
22	197Z1A04B1	T.Sai Kiran Singh	BYJU'S
23	197Z1A04A2	R.Vivek Krishna	BYJU'S

EVENTS

➤ **WORLD ENVIRONMENT DAY**

World Environmental Day, celebrated on June 5th 2023, is a global initiative by the United Nations to raise awareness and promote positive action to protect the environment. It provides an opportunity to engage individuals, communities, and governments to take responsibility for creating a sustainable future.

The theme for World Environmental Day changes annually, highlighting different environmental issues and challenges. It serves as a platform to encourage people to become active participants in protecting nature and addressing environmental concerns.



➤ **INDUSTRIAL VISIT**

As a part of IIC and Yoga club the ECE department visited Shantivanam on 8th June 2023. 18 students from III year B.Tech and two faculty members Mr.P K Kulkarni and Mrs.N.Lavanya. During our visit to Shantivanam, located in the vibrant city of Hyderabad, is a renowned spiritual retreat center that offers solace and tranquility to seekers of inner peace.



➤ **FAREWELL PARTY**

A farewell party is a celebration or gathering held to bid goodbye to someone who is leaving or moving away. It is a way to express good wishes and show appreciation for the individuals' time and contributions. It was celebrated on 17 June 2023 (Saturday).



➤ **YOGA DAY**

Yoga Day refers to International Day of Yoga, Celebrated on June 21st every year. It was first proposed by the current Prime Minister of India, Narendra Modi, during his speech at the United Nations General Assembly in 2014. The purpose of Yoga Day is to promote and raise awareness about the physical, mental, and spiritual benefits of practicing yoga.



WISHING YOU ALL SUCCESS AND GOOD HEALTH!!

