MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
GANDIPET, HYDERABAD

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWSLETTER
JULY 2025
VOLUME 14 ISSUE 1

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Department of Electronics And Communication Engineering

ECE BLOCK:

Vision Statement: The Vision of the Department is to strive towards the development and dissemination of knowledge in the areas of Electronics and Communication Engineering and empower young engineers to acquire technical excellence imbibed with ethical and moral values that leads to collective global success.

Mission Statement:

M1: To inspire and motivate the students to acquire knowledge to develop and serve the industry and society with great zeal.

M2: To impart value based technical education of global standards and transform the students into disciplined, talented citizens of impeccable character.

M3: Fused the students with hands on training to make them good entrepreneurs.

M4: Emphasis to develop social, cultural, ethical and environmental consciousness and life-long learning.

EDITORIAL BOARD:

FACULTY:

Dr. S. P. Singh

Dr. D. Venkat Reddy

Dr. Ch. Raja, In-Charge

Mr. P. Vinod Reddy

Mr. D. Anji Reddy

N.Y.Karthikey

Jupalli Sindhu

Richa Mishra

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

I. Graduates will possess a strong foundation in Mathematics, Science, and core engineering principles, equipping them to analyze and solve real-world challenges in Electronics and Communication Engineering.

II. Graduates will develop expertise in advanced areas of Electronics and Communication Engineering, with a focus on research, innovation, and the application of modern engineering tools.

III. Graduates will demonstrate effective teamwork, creativity, and the ability to collaborate in multidisciplinary teams, addressing technical and business challenges while promoting sustainability.

IV. Graduates will cultivate a commitment to lifelong learning, professional ethics, cultural responsibility, environmental consciousness, and responsiveness to industry and societal needs.

FACULTY PUBLICATIONS

International Journals:

1. **A.Bala Raju, S P Singh** and Dhiraj Sunehra, **"A PROSODY-DRIVEN EXTENSION TO EMBEDDING-GUIDED NEURAL VOICE CONVERSION FOR NATURAL AND EXPRESSIVE SPEECH SYNTHESIS"** Industrial Engineering Journal ISSN: 0970-2555 Volume : 54, Issue 5, No. 1, May : 2025, pp 57-69(UGC CARE Group-1&Scopus Indexed).

2. **A.Bala Raju, S P Singh** and Dhiraj Sunehra**, "Voice Conversion using Hybrid CNN BiLSTM-Wave Net Deep Learning Models"** Communications on Applied Nonlinear Journal, ISSN: 1074-133X, Vol 32, No. 10s (2025), pp2172-85.(Scopus Indexed)

3. **Duda Sudhakar**, Dhiraj Sunehra, **"QoS-Aware and Energy-Efficient Network Design for Green Wireless Communication"**, Communications on Applied Nonlinear Analysis ISSN: 1074-133X, Vol 32 No. 4s (2025) (Scopus Indexed)

4. **G. Ravi Kumar**, **Dr. D. Venkat Reddy**, Dr. M. Asharani**, "Enhancing All-Digital Phase-Locked Loop Performance Via A High Efficiency Noise Resilience Filter"**, Industrial Engineering Journal ISSN: 0970-2555 Volume : 54, Issue 3, No.1, Pages 115-126, March : 2025 (UGC CARE Group-1& Scopus Indexed)

5. B. Ramesh, D. Saravanan, A. Raja, **T. R. Vijaya Lakshmi, "RIS-Aided MISO Channel Estimation Using Fuzzy Embedded Recurrent Neural Network and Binary Kepler Optimization Algorithm"**, International Journal of Communication Systems, 13 April 2025, https://doi.org/10.1002/dac.70094 **(SCIE)**.

6. Arun Kumar, P.Radhakrishnan, **Dr.Ch. Raja**, Aziz Nanthaamonrnphong**, "Throughput analysis of optical NOMA waveform through RNN and CNN neural networks woth 256-QAM"**, Journal of Optical Communications, ISSN 2191-6322, 24 April 2025. **Scopus Ranking Q3**. https://doi.org/10.1515/joc-2025-0093

7. **Dr.Ch. Raja**, Dr. Shaik Irfan Babu, **"Seismic Image Analysis for Salt Detection Using CNN"**, Journal of Informetrics, April 2025, Volume 19 Issue 2, Page No: 221 – 232, ISNN: 1875-5879. (**Scopus - Q1**.) https://doi.org/10.14148.JOI.2025.V19.I2.50

8. Dr.Y.Jeevan Nagendra Kumar, Mr. Mohammad Ashique Azad, Dr. Reshma. M, Mrs. Geethanjali.G, **Dr. Ch. Raja**, Dr. Jetti Madhavi**, "Blockchain based Secure Frameworks for IoT Applications in Healthcare"**, Journal of Neonatal Surgery, Vol. 14, Issue 28s (May 2025), ISSN: 2226-0439, Pg. 765 – 772. (Scopus & UGC, Ranking Q4)

9. **Dr.Ch.Raja**, Dr. Shaik Irfan Babu, **"Skin Cancer Detection Using CNN"**, Journal of Computer Science, Volume: 18, Issue: 06, June 2025 ISSN: 1549-3636,Page No: 63-76 (Scopus, Ranking Q3)

10. **V.Saidulu, "Optimizing Task Scheduling and Resource Allocation using Multi-Criteria Frame Work in Fog Assisted IOT Networks with Preemption"** International Journal of Computational and Experimental Science and Engineering, Vol.11, No.2, pp. 3291-3301, ISSN: 2149-9144, 2025 (Quartiles-Q3, Scopus coverage-2005-2025), DOI: https://doi.org/10.22399/ijcesen.2134, (2025)

11. Mintu Debnath, Vijay Kumar Salvia,Alighazi Siddiqui, Khalid Ali Qidwai, **P. Durga Devi,** S. Bavankumar, **"Mathematical Foundations of Explainable AI: A Framework based on Topological Data Analysis"**, Communications on Applied Nonlinear Analysis ISSN: 1074-133X Vol 32 No. 9s (2025). **(Scopus)**

International Conferences:

1. Vijeta singh, +4, **Ch. Raja**, **"PathTrackFlow: A Predictive Framework for Advanced Path Planning in Autonomous Robotics"**, Proceedings of the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) IEEE Xplore Part Number: CFP25EZ5-ART; ISBN: 979-8-3315-3519-3, 2025. DOI: 10.1109/ICPCSN65854.2025.11035069.

2. **Dr.S.Praveena**, **"Enhancing Supply Chain Transparency and Efficiency Through Hybrid Machine Learning Models"**, 2025 Global Conference in Emerging Technology (GINOTECH).

3. **Dr.S.Praveena**, **"Enhancing Sustainable Agriculture with IoT-Based Soil Fertility and Crop Selection Using Hybrid Stacked Ensemble Models and Explainable AI"**, International Conference of Emerging Technology(INCET 2025) during 22ndto 24thMay 2025.

4. **S P Singh**, A K Singh, Anupam Sharma, Ravi Paul Gollapalli **"Signal Design for LPI Radar"**, Springer International Conference, ICASPACE -2025, MGIT, Hyderabad.

5. T D Bhatt and **S P Singh** **"Sequences with Higher Energy Efficiency for Non-coherent Pulse Compression"**, Springer International Conference, ICASPACE -2025, MGIT, Hyderabad.

6. Ankur Thakur**, S.P.Singh**, Sanjay Sharma and Davinder Singh Saini **"Design of Channel and Beamforming in ISAC System for UAV Sensing and Communication Enhancement"**, ICASPACE -2025, MGIT, Hyderabad.

7. Abhay Chaturvedi, Suhas S., J. L. Divya Shivani, **Ch. Raja**, Umang Soni, Natrayan L, **"Enhancing IoT Network Security: A Double Decker Convolutional Neural Network with Brown-Bear Optimization for Intrusion Detection"**. Proceedings of the International Conference on Inventive Computation Technologies, Organized by Tribhuvan University, Nepal. ISBN: 979-8-3315-1224-8, 23 - 25 April 2025, IEEE Xplore Part Number: CFP25F70-ART. (IEEE Conference & Scopus Indexed) Page Nos: 1903- 1908. DOI: https://doi.org/10.1109/ICICT64420.2025.11004870.

8. Padmanayana, N.S.L. Kumar Kurumeti, Veena S, **Ch. Raja**, Vijay JagdishUpadhye, RamyaMaranan, **"Ultrasound-Based Kidney Disease Detection: Resampling Cubature Kalman Filter and Physics-Guided VGG Cross-Contextual Network"**, Proceedings of the International Conference on Inventive Computation Technologies ,ISBN: 979-8-3315-1224-8 Organized by Tribhuvan University, Nepal, 23-25 April 2025, (IEEE Conference & Scopus Indexed) IEEE Xplore Part Number: CFP25F70-ART. Page Nos: 1096 -1102. DOI: https://doi.org/10.1109/ICICT64420.2025.11004888.

9. Mr J Sulthan Alikhan, Dr.R. Naveenkumar, Ms. Yamini Sharma, Mr.Sathish P, **Ch. Raja**, Dr. R. Kayalvizhi, **"SecureVaultChain: A Blockchain-based Hybrid Model for Comprehensive Threat Mitigation in Network Systems"**, Proceedings of the 3rd International Conference on Inventive Computing and Informatics, IEEE Xplore Part Number: CFP25L34-ART; ISBN: 979-8-3315-3830-9, 04-06 June 2025.

10. Dr. G Chamundeswari, Prasanth Kamma, Dr. Gopinath D, Jishnu M S, **Ch. Raja**, Mohit Tiwari **,"MorphoVisionMapper: A Predictive Model for Structural and Morphological Image Analysis in Biomedical Applications"**, Proceedings of the 3rd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS-2025)June 2025.IEEE Xplore Part Number: CFP25DN7-ART; ISBN: 979-8-3315-3884-2.

FACULTY PUBLICATIONS CONTD…

11. Dr R Jayakarthik, Dr. Gopinath D, M. Amina Begum, Apurva Dilip Fuladi, Dr. Allam Balaram, **Ch. Raja**, **"EnvHealthNet: A Multi-Modal Machine Learning Model for Commercial Environmental Health Risk Prediction"**, Proceedings of the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) May 2025. IEEE Xplore Part Number: CFP25EZ5-ART; ISBN: 979-8-3315-3519-3.

12. Dr.K.Nirmala Devi, Dr Reema Rallan, Dr. P. Radhakrishnan, Sivanesan T M, Dr. Avinash Kumar, **Ch. Raja**, **"Empirical Design of a Robotic Arm Control System based on Flex Sensors with Artificial Intelligence (AI) Association"**,5th International Conference on Expert Clouds and Applications (ICOECA)March 2025 ISBN:979-8-3315-2447-0. IEEE | DOI: 10.1109/ICOECA66273.2025.0006.

13. Vijayakumar, P.J., Das, M.S., Bansod, P.J., Akshaya, R., **Praveena S.**, **"Detecting and Preventing Cyberbullying Among Higher Education Students on social media with XGBoost and Particle Swarm Optimization"**, 2025 Global Conference in Emerging Technology Ginotech 2025, May 2025 (IEEE)ISBN:979-8-3315-0775-6 DOI:10.1109/GINOTECH63460.2025.11076700.

14. J. Vaishnavi; L. Murali; M. Yuvaraja; A. Parnika; **A. Navaneetha**, **"Alzheimer's Disease Detection and Classification in Biomarkers Using Deep Learning"**, Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025, ISBN:979-8-3315-3896-5, April 29-30 2025. DOI: 10.1109/AIMLA63829.2025.11040661(IEEE)

GUEST LECTURES

The Department is conducting guest lectures in different fields to enhance the knowledge of the students in the topics beyond the syllabus. The list of guest lectures conducted is given below.

Guest Lecturers conducted by ECE dept during Jan to Jun 2025:

S.NO	NAME OF THE EVENT	DATE	RESOURCE PERSON/ORGANIZATION	NO. OF PARTICIPANTS
1	Guest Lecture on "Space Electronics Warfare"	30-01-2025	Dr AK. Singh, Sc-G & Project Director, DLRL, Hyderabad	132
2	Guest Lecture on "Signal/Image/Video/Speech Processing"	30-01-2025	Dr. N. Sudarshan Rao ,Professor, Penn State Behrend, Erie, USA	132
3	Guest Lecture on "Peer to Peer Communication"	31-01-2025	Dr. YatindraNath Singh ,Professor (HAG), Indian Institute of Technology, Kanpur	140
4	Guest Lecture on "The Prominent Role of LASERS and PHOTONICS in the Development of Quantum Technologies"	31-01-2025	Dr. Martha N. Reddy is former a Scientist-G and Associate Director of Laser Science & Technology Centre (LASTEC), DRDO Delhi	90
5	Guest Lecture on "Latest GenAI Trends"	08-02-2025	Mr.Uma Desu, CEO of Intelli India.	68
6	Guest Lecture on "Role of Electronics in Industries"	25-02-2025	Dr.K. Ramulu, Rtd.Sc-H, Mumbai	124
7	Guest Lecture on "Advances in Fiber Optic Communications"	12-03-2025	Dr.Arun Kumar Gupta, Ex-Director& Outstanding Scientist, IRDE	127

FDP/STTP/WEBINARS/COURSES ATTENDED BY FACULTY

S. No.	Name of the Faculty Member, Designation & Dept.	Title of the FDP/ Webinars /Workshop/Courses attended	Date(s) of the Event	Organization
1.	Dr.G.Madhavi, Assoc. Prof., ECE Dept	Internet of Things	17-03-25 to 31-03-25	Skill Desize with AICTE
2.	Dr.TR.Vijaya Lakshmi, Assoc. Prof., ECE Dept	IoT and Data Analysis of Sensor Data	03-03-2025 to 07-03-2025	NITTR-Chandighar
3.	Dr.TR.Vijaya Lakshmi, Assoc. Prof., ECE Dept	Sustainable Development Goals -Interventions and Schemes of Govt. of India	17-02-2025 to 21-02-2025	NITTR-Chandighar
4.	Dr.S. Praveena, Assoc. Prof., ECE Dept	Internet of Things	17-03-25 to 31-03-25	Skill Desize with AICTE
5.	Mr.A.Veerabhadra Rao, Asst. Prof., ECE Dept	Novel Beam Forming and MIMO Antenna Design for 5G/6G application employing Time modulation Techniques	10-03-25 to 16-03-25	NIT-Warangal
6.	Mr.A.Veerabhadra Rao, Asst. Prof., ECE Dept	Advanced Computational approaches for Antenna Pattern and synthesis and Beam Forming	03-01-25 to 12-01-25	NIT-Warangal
7.	Dr. D.Subhashini, Asst. Prof., ECE Dept	Deep Learning in Bio Medical Imaging	20-01-25 to 25-01025	JBREC-Hyderabad
8.	Dr. D.Subhashini, Asst. Prof., ECE Dept	Self-configured Sensor Networks and its Applications	21-04-25 to 25-04-25	NITTR-Chandighar
9.	Dr. D.Subhashini, Asst. Prof., ECE Dept	Internet of Things	17-03-25 to 31-03-25	Skill Desize with AICTE
10.	Dr. D.Subhashini, Asst. Prof., ECE Dept	Switching Circuits and Logic Design	Jan-April 25	NPTEL-Swayam
11.	Ms.P.Usha Rani, Asst. Prof., ECE Dept	Computer Vision And Image Processing - Fundamentals And Applications	Jan-April 25	NPTEL-Swayam
12.	Mrs. G.Srilatha, Asst. Prof., ECE Dept	Innovative Approaches in IoT and Embedded Systems : Hands-On Approaches to Bridging Theory and Practice.	06.01.2025 to 10.01.2025	KG Reddy College of Engineering & Technology, Hyderabad
13.	Mrs. G.Srilatha, Asst. Prof., ECE Dept	Fundamentals of MIMO wireless Communication	Jan-April 25	NPTEL-Swayam
14.	Ms.S.Swetha, Asst. Prof., ECE Dept	Introduction to Machine Learning	Jan-April 25	NPTEL-Swayam
15.	Ms.S.Swetha, Asst. Prof., ECE Dept	Exploring the Power of AI: Machine Learning, NLP and Computer Vision	April 7 to 12, 2025	CVR COLLEGE OF ENGINEERING
16.	Ms.S.Swetha, Asst. Prof., ECE Dept	Reviving Indian Knowledge Systems for Sustainable Development (IKSSD)	April 12-13, 2025	CBIT
17.	Dr M Sanjeev Kumar, Asst. Prof., ECE Dept	Skill-Up with Java, Python and AI Tools for 21st Century Teaching	19-05-25 to 24-05-25	AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
18.	Dr M Sanjeev Kumar, Asst. Prof., ECE Dept	Advanced Machine Learning Algorithms and Edge AI	02-01-25 to 08-01-25	NITW

FDP/STTP/WEBINARS/COURSES ATTENDED BY FACULTY CONTD...

S. No.	Name of the Faculty Member, Designation & Dept.	Title of the FDP/ Webinars /Workshop/Courses attended	Date(s) of the Event	Organization
19.	Dr M Sanjeev Kumar, Asst. Prof., ECE Dept	VLSI	17-03-25 to 31-03-25	Skill Desize with AICTE
20.	Ms. Archana Yadav, Asst. Prof., ECE Dept	Deep Learning	Jan-April 25	NPTEL-Swayam
21.	Dr.S.Siva Reddy, Asst. Prof., ECE Dept	Polar RX 5s	28-06-25	CBIT
22.	Dr.S.Siva Reddy, Asst. Prof., ECE Dept	Utility of PolaRx5S Scintillation Monitoring Receiver for advanced Research	14-02-25 to 15-02-25	CBIT

STUDENTS ACHIEVEMENTS

STUDENT PLACEMENTS (AY:2024-25)

Sl.No.	Company	Designation	Campus Date	Pay Package (Rs. In Lakhs per Annum)	No. of ECE students placed
1	TCS (DIGITAL) (2024)	SYSTEM ENGINEER TRAINEE	15.07.2024	7.02	6
2	TCS SOFTWARE ENGINEER ROLE	SOFTWARE ENGINEER	15.07.2024	3.36	2
3	CORIZO(2024 YOP)	BUSINESS DEVELOPMENT ASSOCIATE	03.08.2024	6.50	4
4	DATABEAT	DIGITAL MEDAI ANALYST	07.08.2024	5.00	2
5	SIGMA ADVANCED SYSTEMS	JR. EMBEDDED ENGINEER	07.08.2024	6.00	2
6	INTRAINZ INNOVATION (2024)	BUSINESS DEVELOPMENT EXECUTIVE	21.08.2024	6.00	7
7	LTIMINDTREE (2024)	GRADUATE ENGINEER TRAINEE	31.08.2024	4.05	10
8	LTIMINDTREE (2025)	GRADUATE ENGINEER TRAINEE	08.09.2024	4.05	8
9	COGNIZANT GENC	SOFTWARE ENGINEER	24.09.2024	4.00	4
10	EINFOCHIPS	EMBEDDED ENGINEER	27.09.2024	5.00	5
11	INTELLIPAAT	BUSINESS DEVELOPMENT ASSOCIATE	29.11.2024	9.00	4
12	ACADEMOR	BUSINESS DEVELOPMENT ASSOCIATE	02.12.2024	6.00	28
13	SMARTED INNOVATIONS	BUSINESS GROWTH SPECIALIST.	12.12.2024	6.00	13
14	CONSTELLI SIGNALS	GRADUATE TRAINEE ENGINEER (VLSI)	09.01.2025	7.00	1
15	MEDHA SERVO	TRAINEE ENGINEER	21.01.2025	5.16	2
16	INFOSYS (PHASE-1)	SOFTWARE ENGINEER	02.02.2025	3.60	10
17	EDU- VERSITY	BUSINESS DEVELOPMENT SPECIALIST	19.02.2025	8.00	15
18	INFOSYS (PHASE-2)	SOFTWARE ENGINEER	12.03.2025	3.60	2

STUDENT PLACEMENTS (AY:2024-25)

Sl.No.	Company	Designation	Campus Date	Pay Package (Rs. In Lakhs per Annum)	No. of ECE students placed
19	SOUL AI	TRAINEE (INTERNSHIP)	08.05.2025	3.00	1
20	UTS (UNI STRING TECH SOLUTIO	JUNIOR APPLICATION ENGINEER	20.03.2025	4.00	1
21	BHARAT ELECTRONICS LTD	FIXEDTERM ENGINEER	17.04.2025	12.46	4
22	AMARA RAJA	GRADUATE ENGINEER TRAINEE	24.04.2025	4.20	1
23	EDU- VERSITY	BUSINESS DEVELOPMENT SPECIALIST	21.05.2025	8.00	5
24	NYERAS EDUTECH & INNOVATIO	BUSINESS DEVELOPMENT ASSOCIATE	14.06.2025	7.50	7
25	CONQUER E-LEARNING	BUSINESS DEVELOPMENT TRAINEE	20.06.2025	6.00	10
26	ELYTHRA EDUFYI TECH SOLUTIONS	CLIENT ACQUISITION EXECUTIVE	17.06.2025	7.00	5
27	IMAGINE TECHNOLOGIES	CONSULTANT	09.06.2025	3.60	1
				Total	**160**

Average Package (in Lakhs): 5.74

Highest Paid Company: BEL

Highest Salary: 12.46 LPA

GRE/TOFEL/GATE/CAT/IELTS INFORMATION

Name of the Student	GRE (340)	TOFEL	IELTS	GATE Rank	Duolingo/ CAT/ CMAT	Date
G Durgesh	-	-	6.0	-	-	24-04-2025
MounishManala	-	-	-	11320	-	15-02-2025
K Preetam Kumar	-	-	-	-	8392	13-02-2025
P. Srujan Reddy	-	-	-	5246	-	15-02-2025
G Sahasra	-	-	6.5	-	-	18-01-2025

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
1	KARNATAKAM JOSHIKA (24261A0424)	Online course on "Introduction to Artificial Intelligence"	SIMPLI LEARN, SKILLUP	18-01-2025 Completed
2	KARNATAKAM JOSHIKA (24261A0424)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
3	P SWATHI (24261A0442)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
4	NALLANI SAI PRANEETH (24261A04A0)	Online course on " Gen AI tools"	GOOGLE	25-06-2025 Completed
5	PHANI SAIRAM DEVARAKONDA (24261A04A8)	Workshop on "Ethical Hacking and Cybersecurity"	BITS PILANI, HYDERABAD	06-04-2025 Completed
6	PUVVADI VENKATA AVINASH (24261A04B1)	Session on "SCIENT SPARK STARTUP LAUNCHPAD"	IIT, HYDERABAD	04-01-2025 to 22-03-2025 Completed
7	MOHAMMED ABRAR (23261A0445)	Participated on "VISWAM.AI"	TECH MAHINDRA,HYDERABAD	12-03-2025 to 13-03-2025 Second prize
8	K.DIVYA NSHU (23261A0422)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
9	CH. MADHURI (23261A0417)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Second prize
10	SIVAKUMAR.N (23261A0423)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
11	RICHA MIAHRA (232671A0452)	Hacktronics	ANURAG UNIVERSITY, HYDERABAD	10-02-2025 to 11-02-2025
12	ITHA SAIKRISHNA (23261A0401)	Nptel on "Introduction to embedded systems".	NPTEL,IIM	Jan to April 2025 completed
13	DEVISRI PRASAD (23261A0463)	Participated in a 2 hour workshop on autonomous vehicles	ROBOBEARN LLP,ONLIONE	08-06-2025 completed
14	PERUGU AISHWARYA (23261A04H1)	Course on Quantum computing	CDAC, HYDERABAD	03-05-2025 to 25-05-2025 Participation
15	RICHA MIAHRA (232671A0452)	Workshop on AI & Machine learning	IIT,Hyderabad	28-03-2025 Participation
16	CH. VISHNU PRIYA (23261A0419)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Second prize
17	BHUKYA MAMATHA (23261A0410)	Project on application of PLC in CNC machines	BHEL,HYDERABAD	13-05-2025 completion
18	AITHA SAIKRISHNA (231261A0401)	Nptel on "Introduction to embedded systems"	NPTEL,IIM	Jan to April 2025 completed
19	BHUKYA MAMATHA (23261A0410)	Nptel "CMOS Digital VLSI Design"	NPTEL,IIM	Jan to March 2025 completed

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
20	DIVYANSHU KARNAKOTI (23261A0422)	Internship on DESIGN fabrication &control of mobile robotic ARM	JNTUH,HYDERABAD	05-05-2025 to 04-06-2025
21	P.YASWANTH VARMA (231261A04A6)	Nptel on "Digital system with verilog".	NPTEL,IIM	Jan to April 2025 completed
22	LINGAMPALLY PRATHYUSHA (23261A0493)	Participated on "VISWAM.AI"	TECH MAHINDRA, HYDERABAD	12-03-2025 to 13-03-2025 Participation
23	L SWARUPA (23261A0493)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
24	T.AKHIL (23261A04B7)	HackSavvy-25	MGIT, HYDERABAD	26-03-2025 to 27-03-2025 Participation
25	T.AKHIL (23261A04B7)	Hacktronics	ANURAG UNIVERSITY, HYDERABAD	10-02-2025 to 11-02-2025
26	ADITYA KAWLE (22261A0464)	Project work on" Study of Automatic Control Unit"	BHARATH DYNAMICS LIMITED, HYDERABAD.	29-04-2025 to 28-05-2025 Completed
27	AJAYKUMAR (22261A0477)	Project work on" Study of Automatic Control Unit"	BHARATH DYNAMICS LIMITED, HYDERABAD	29-042025 to 28-05-2025 completed
28	RANGANA GIRISHA (22261A04H4)	Internship on "Salesforce Virtual Internship"	SKILL WALLET	May-2025 to July 2025 Completed
29	SRAVANI (21261A04G3)	Internship on "Java programming"	CHRONEX TECHNOLOGIES, HYDERABAD	01-01-2025
30	VASALA SHIVA KUMAR (21261A04C7)	Internship on "Dot NET"	COGNIZENT, KOLKOTTA	23-01-2025
31	RAKESH MANCHAL (21261A0497)	Internship on "Digital media Intern"	DAT BEAT, HYDERABAD	20-01-2025
32	AKULA RAKESH BABU YADAV (20261A0467)	INTERN	ASCENT FS, HYDERABAD	17-01-2025
33	NIMMAGADDA SRAVYA (20261A04G0)	Internship on "Microwave Electronics"	SAMEER, MUMBAI	12-08-2024 to 11-02-2025
34	M.LIKITHAYADAV (22265A0406)	Internship on "Apparentship training"	ECIL, HYDERABAD	20-01-2025
35	ALLAM SAICHARAN (21261A0407)	Internship on "VLSI design and Embedded systems"	VEDA IIT, HYDERABAD	02-02-2025
36	VASALA SHIVA KUMAR (21261A04C7)	Programmer Analyst Trainee	COGNIZANT, KOLKOTTA	01-01-2025
37	LIKHITA PAKALAPATI (21261A0444)	Programmer Analyst Trainee	COGNIZANT, KOLKOTTA	01-01-2025
38	VENKATA SAISUMANTH KOYADA (22265A0418)	Internship on "Hopper Automation"	GRAYMATTER8 MEDIA, HYDERABAD	01-03-2025

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS CONTD...

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
39	SHIVAJI SAMALETI (21261A0450)	Internship on "Cyber security & Digital Forensics"	TECHNOHACKS SOLUTIONS PVT. LTD, HYDERABAD	14-03-2025
40	SURAGONI ABHIJITH GOUD (21261A0456)	Internship on "Business Development Specialist"	EDU-VERSITY, BENGALURU	21-02-2025
41	YATHIN REDDY BOMMINENI (21261A0414)	Internship on "Business Development Specialist"	EDU-VERSITY, BENGALURU,	21-02-2025
42	M G. VASKAR (21261A0440)	Trainee- Intern	CONSTELLI SIGNALS PRIVATELIMITED, HYDERABAD	18-01-2025
43	DHRUVA GUPTA (21261A04E2)	Internship on "Business Development Specialist"	EDU-VERSITY, BENGALURU,	23-05-2025
44	CHILAKALASIVA NANDINI (21261A0418)	Internship on "VLSI Design Verification"	SOCTRONICS TECHNOLOGIES PVT. LTD., HYDERABAD	03-04-2025
45	AELLA NAVADEEP REDDY (21261A0404)	Internship on "Business Development Specialist"	EDU-VERSITY, BENGALURU,	21-02-2025
46	A VIVEKANADA REDDY (21261A0401)	Programmer Analyst Trainee	COGNIZANT, KOLKOTTA	11-02-2025
47	RUHIKA MANOMAY KOMMI REDDY (21261A0449)	Internship on "ASIC Division"	EINFOCHIPS, HYDERABAD	08-01-2025
48	K SRINIKETH REDDY (21261A0435)	Internship on "APS Radar systems"	ASTRA MICROWAVE PRODUCTS LIMITED	29-03-2025
49	P SRUJANA REDDY (21261A04B3)	Internship on "Signal processing and communication centre"	IIT,HYDERABAD	01-02-2025 to 31-07-2025
50	C KEERTHANA (21261A04D7)	Internship on "Business Development Associate"	GRADGURU, HYDERABAD	12-02-2025
51	SATHVIKA C (21261A04D8)	Internship on "Business Development Associate"	GRADGURU, HYDERABAD	12-02-2025
52	D SANJANA (21261A0483)	Trainee intern	CYIENT, HYDERABAD	05-03-2025

ALUMNI ACHIEVEMENTS

List of students joined in higher studies from Jan to Jun 2025:

S.No.	Roll Number	Student Name	Higher Studies	University/Institution &Place
1	19261A0409	B Sai Teja	MS	Dublin City University, Ireland
2	19261A0424	J Usharani	MS	Dublin City University, Ireland
3	19261A0428	K Akhileshwar Reddy	MS	University of Queensland, Australia
4	19261A0442	N Ashish	MS	Vistula university, Poland
5	19261A0467	D Spandana	MS	Clark university, USA
6	19261A0477	K Sahiti aryan	MS	University of Cincinnati, USA
7	19261A04A7	S Durga Bhavani	MS	Northumbria University, UK
8	19261A04B2	S Shivani	MS	University of Texas at Dallas, USA
9	19261A04C9	B Aditya Reddy	MS	Clark university, USA
10	19261A04G2	Nithin sai shivakoti	MS	Northern Illinois University, USA
11	19261A04G3	P Sri Varshini	MS	Northern Illinois University, USA
12	19261A04G6	R Rahul Kumar	MS	University of Delaware, USA
13	19261A04G8	R Pavan	MS	Daekin University, Australia
14	20265A0418	K Supraja	MS	OTH Regensburg university, Germany
15	20261A04C5	A Madhu shalini	MS	University of Alabama ,USA
16	20261A04C9	Varshith Goud	MBA	Great Lakes Institute of Management, Chennai, India
17	20261A04H6	V Tejeshwar Reddy	MS	State university of Newyork, USA

Students have participated and won prizes in National level Hackathon, **"HACKTRONICS"**

Organized by ECE Dept., Anurag University, Hyderabad on 10th & 11th Feb 2025.

హాకథాన్ హాక్ట్రానిక్స్‌లో
ఈసీఈ ఎంజీఐటీ విద్యార్థుల ప్రతిభ

హాక్ట్రానిక్స్‌లో ప్రతిభకనపర్చిన ఎంజీఐటీ విద్యార్థులను
అభినందిస్తున్న ప్రిన్సిపాల్ చంద్రమోహన్ రెడ్డి

మణికొండ, ఫిబ్రవరి 12: విద్యార్థులు కష్టపడి చదువుతూ ఎప్ప టికప్పుడు తమ తమ నైపుణ్యాలను మెరుగుపరుచుకుంటే విజ యాలు వాటంతటా అవే వరిస్తాయని ఎంజీఐటీ కళాశాల ప్రిన్సిపాల్ డాక్టర్ జి.చంద్రమోహన్ రెడ్డి అన్నారు. ఘట్కేసర్‌లోని అనురాగ్ యూనివర్సిటీ ఆధ్వర్యంలో నిర్వహించిన 24 గంటల జాతీయ స్థాయి 'హాకథాన్ హాక్ట్రానిక్స్-2025'లో అత్యుత్తమ ప్రతిభ కనబ రిచి పీఎల్ఎస్‌వి విభాగంలో కె.వెంకటశ్రీరామ్, అనూప్ దోరెపల్లి, శ్రీహర్ష ఆధ్వర్యంలోని విద్యార్థుల బృందం ప్రథమ బహుమతిని, ఎంబెడ్డెడ్ సిస్టమ్స్, ఇంటర్నెట్ ఆఫ్ థింగ్స్ విభాగంలో సాత్విక్ వర్ధన్, సాహిత్, ఆనంద తీర్థ, సాన్వి విద్యార్థి బృందం ద్వితీయ బహుమతులను కైవసం చేసుకున్నారు. ఈ సందర్భంగా ప్రిన్సిపాల్ జి.చంద్రమోహన్‌రెడ్డి మాట్లాడుతూ.. మూడు వందలకు పైగా విద్యార్థి బృందాలు పాల్గొన్న ఈ హ్యాకథాన్‌లో కళాశాల ఈసీఈ విభాగానికి చెందిన ఐఈటీఈ స్టూడెంట్ ఫోరమ్ విద్యార్థులు ఐదు బృందాలుగా ఏర్పడి వివిధ విభాగాల్లో పాల్గొని విజయం సాధిం చడం పట్ల ఆయన సంతోషాన్ని వ్యక్తం చేశారు. జాతీయ స్థాయిలో ఈసీఈ ఎంజీఐటీ విద్యార్థుల ఈ గణనీయమైన విజయాన్ని హృద యపూర్వకంగా అభినందిస్తూ, భవిష్యత్తులో మరిన్ని విజయాలను అందుకోవాలని కళాశాల వైస్ ప్రిన్సిపాల్ కె.సుధాకర్ రెడ్డి గారు, ఈసీఈ విభాగాధిపతి డాక్టర్ ఎస్పీ సింగ్, డీన్ స్టూడెంట్ వెల్ఫేర్ డాక్టర్ వెంకటరెడ్డి, మెంటార్ ఏ.బాలరాజు, ఆధ్యాపకులు విద్యార్థు లను అభినందించారు.

Namaste Telangana
Press 13-02-2025

క్రైమ్ మిర్రర్

ఎంజీఐటీ విద్యార్థిని సత్కరించిన భారత రాష్ట్రపతి, ప్రధానమంత్రి

గండిపేట్(క్రైం మిర్రర్): మహాత్మా గాంధీ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీలో మూడవ సంవత్సరం విద్యార్థిని, ఎన్.ఎస్.ఎస్ వాలంటీర్ నేహశ్రీ అత్యుత్తమ కుచిపూడి నృత్య ప్రదర్శనలకు వివిధ సందర్భాలలో రాష్ట్రపతి, ఉపరాష్ట్రపతి, ప్రధానమంత్రి, తెలంగాణ గవర్నర్లు సత్కరించారు. జనవరి 26వ తేదీన న్యూఢిల్లీలో జరిగిన ప్రతిష్ఠాత్మక గణతంత్ర దినోత్సవ పరేడ్‌లో పాల్గొని తెలంగాణ నుంచి ఎనిమిది మంది పాల్గొన వారిలో ఆమె ఉత్తమ ప్రదర్శన కనబరిచారు. ఈ సందర్భంగా ప్రిన్సిపల్ ప్రొఫెసర్ జి.చంద్రమోహన్‌రెడ్డి, వైస్ ప్రిన్సిపల్ ప్రొఫెసర్ కె.సుధాకర్‌రెడ్డి, ఎస్.పి.సింగ్, ఎస్.ఎస్.ఎస్ ప్రోగ్రాం ఆఫీసర్ డాక్టర్ జి.బాల్‌రెడ్డిలు నేహశ్రీని అభినందించి సన్మానించారు. రానున్న రోజుల్లో మరిన్ని విజయాలు సాధించాలని విద్యార్థులకు స్ఫూర్తిగా నిలవాలని ప్రిన్సిపల్ ప్రొఫెసర్ జి.చంద్రమోహన్‌రెడ్డి సూచించారు. ఈ కార్యక్రమంలో అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

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epaper.crimemirror.com

Telangana Today
E-PAPER — FOR LOCAL TO GLOBAL NEWS

MGIT student felicitated

CITY BUREAU
Hyderabad

Mahatma Gandhi Institute of Technology (MGIT) third year student and NSS volunteer, Nehasree was felicitated by President, Vice President, Prime Minister, and Telangana Governor on different occasions for her Kuchipudi dance performances at their official residences.

Earlier, she participated in the Republic Day Parade in New Delhi on January 26, and was one of the eight participants from Telangana and the only volunteer representing JNTU-

Third year student Nehasree being felicitated by Telangana Governor Jishnu Dev Varma.

Hyderabad, the MGIT said on Wednesday.

After being selected from a large pool of competitors, she underwent training in New Delhi for the participation. Principal Prof G Chandra

Mohan Reddy, vice principal Prof K Sudhakar Reddy, ECE department head Prof SP Singh, and NSS programme officer G Bal Reddy congratulated and felicitated Nehasree.

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Source : https://epaper.telanganatoday.com/

PROGRAMME OUTCOMES (POs)

1. **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11**. Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12**. Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

13. Able to work with modern tools to design subsystems for fundamental applications in VLSI design and Embedded Systems.

14. Able to work with engineering principles to develop solutions in Signal, Image Processing and Communication Systems.