



MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

Gandipet, Hyderabad

Dept. of Electronics and Communication Engineering

NEWSLETTER JANUARY 2023 VOLUME 11 ISSUE 2



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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 imbued 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

B. Shivanjani

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. **Vijaya Lakshmi, T. R., and Ch Krishna Reddy, "Cancer prediction with gene expression profiling and differential evolution",** Signal Image and Video Processing, December 2022, pages 1-7, Doi: 10.1007/s11760-022-02396-9. (SCI)
2. **D. Subhashini & V. B. S. Srilatha Indira Dutt, "Implementation of Satellite Road Image Denoising using Iterative Domain Guided Image Filtering with Gray World Optimization",** Journal of Communications, Vol. 17, no. 7, ISSN: 0021-9916, Pp: 581-591, July 2022. (SCOPUS)

International Conferences:

1. **D. Subhashini, "A Hybrid Optimal Technique for Road extraction using Entropy rate super-pixel segmentation and Probabilistic Neural networks",** 4th International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES-2022), June 24-25, 2022, Malla Reddy College of Engineering & Technology, Hyderabad.
2. **G.Srilatha, "Fair-Energy Efficient Power Allocation for NOMA Downlink System",** 8th IEEE International Symposium on Smart Electronic Systems (iSES), from 19th to 21st December 2022, NIT Warangal, India.
3. **Mr. D Sudhakar, "A Traffic Aware Base Station Switch off Scheme using cooperative and Cell Zooming Concepts",** International Conference of Innovations in Engineering and Technology (ICIET-2022), 15-17, September 2022 & JNTU Hyderabad.

GUEST LECTURES

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

Guest Lecturers conducted by ECE dept during July to December 2022:

S.NO	NAME OF THE EVENT	DATE	RESOURCE PERSON/ORGANIZATION	NO. OF PARTICIPANTS
1	Guest lecture on "Electronic Warfare"	30-11-2022	Mr. Anupam Sharma, SC-G, Program Director, DLRL, Hyderabad	175

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. Ch.Raja, Assoc. Professor, ECE Dept	Three days FDP on "Recent Trends in Wireless Communications"	20th to 22nd October 2022	ECE Dept., MGIT
2.	Dr. Ch.Raja, Assoc. Professor, ECE Dept	Faculty Development Programme on "21st Century Skills For Teaching & Learning (CSTL-2022)"	16th to 20th August, 2022	Department of CSE, GMR Institute of Technology
3.	D.V.S.Nagendra Kumar, Asst. Prof, ECE Dept	2-day Workshop on "Research Writing using LATEX"	16th - 17th June, 2022	IEEE MTT-S & AP-S SBC NIT Warangal
4.	Mr.K. Raghu, Asst. Prof, ECE Dept	Online FDP on "5G NOMA Communications"	2-13 August 2022	CVR, Hyderabad
5.	Mr.K. Raghu, Asst. Prof, ECE Dept	Online Brainovision and AICTE-ATAL FDP on AWS	22-27 August 2022	GNITS, Hyderabad
6.	Mr.K. Raghu, Asst. Prof, ECE Dept	Online Webinar on "Information Security Challenges in an Open Networks Using AI"	14 September 2022	MEASI Institute of Information Technology
7.	Mrs.D.Subhashini, Asst. Prof, ECE Dept	Three days FDP on "Recent Trends in Wireless Communications"	20th to 22nd October 2022	ECE Dept., MGIT
8.	Mr. B.Kesava Rao, Asst. Prof, ECE Dept	SERB-INAE sponsored one-week workshop on "Innovation, Entrepreneurship and Start-Up for Young"	26th to 30th September 2022	NIT, Mizoram
9.	Mrs.P.Usha Rani, Asst. Prof, ECE Dept	SERB-INAE sponsored one-week workshop on "Innovation, Entrepreneurship and Start-Up for Young"	26th to 30th September 2022	NIT, Mizoram
10.	Mrs.P.Usha Rani, Asst. Prof, ECE Dept	2-day Workshop on "Research Writing using LATEX"	16th - 17th June, 2022	IEEE MTT-S & AP-S SBC NIT Warangal
11.	Mrs.P.Usha Rani, Asst. Prof, ECE Dept	Three days FDP on "Recent Trends in Wireless Communications"	20th to 22nd October 2022	ECE Dept., MGIT
12.	Mrs. S.Swetha, Asst. Prof, ECE Dept	2-day Workshop on "Research Writing using LATEX"	16th - 17th June, 2022	IEEE MTT-S & AP-S SBC NIT Warangal
13.	Mrs. S.Swetha, Asst. Prof, ECE Dept	SPIRITECH, A Three Day National Workshop on "To Promote Human Values"	15th to 17th Sep 2022	CDC, MGIT, Hyderabad
14.	Mr. M.Sanjeev kumar, Asst. Prof, ECE Dept	Three days FDP on "Recent Trends in Wireless Communications"	20th to 22nd October 2022	ECE Dept., MGIT
15.	Dr.Y Praveen Kumar Reddy, Asst. Prof, ECE Dept	Two-week STTP on "Robotics and Drones"	05-09-2022 to 17-09-2022	
16.	Mrs.G. Srilatha, Asst. Prof, ECE Dept	2-day Workshop on "Research Writing using LATEX"	16th - 17th June, 2022	IEEE MTT-S & AP-S SBC NIT Warangal
17.	Mr.P.Vinod Reddy, Asst. Prof, ECE Dept	Three days FDP on "Recent Trends in Wireless Communications"	20th to 22nd October 2022	ECE Dept., MGIT
18.	Mrs.Archana Yadav, Asst. Prof, ECE Dept	Five day Online FDP on "Inculcating Universal Human Values in Technical Education"	17/10/22 to 21/10/22	Organized by AICTE

STUDENTS ACHIEVEMENTS

STUDENT PLACEMENTS(July 2022 to December 2022)

Sl.No.	Company	Designation	Pay Package (Rs. In Lakhs per Annum)	No. of ECE students placed
1	Nexturn India Pvt Ltd	Software Engineer	6	3
2	Cognizant GenC	Software Engineer	4	24
3	Cognizant GenC Elevate	Software Engineer	4.5	1
4	Torry Harrison	Associate Software Engineer Trainee	4.5	2
5	Mindtree	Graduate Engineer Trainee	4 - 6.50	34
6	Ctrl-S	Associate Engineer	4.5 - 6	7
7	SmartSoc Solutions	Embedded systems Engineer	6	6
8	Databeat	Data Media Analyst	5	7
9	Tech Mahindra	Software Engineer	3.25	5
10	Hexaware	Premier Graduate Engineer Trainee	6	1
11	Keka	Quality Analyst	8	1
12	Nomus Communication	Embedded Engineer	3.5	1
13	Qurinom Technologies	Developer Trainee	4	1
14	Indium Software	Software Engineer	5	1
15	Quest Global	Trainee Engineer	3.25	3
16	JSW	Trainee Engineer	6.5	1
17	Intellipaat	Business Development Associate	9	24
18	ETG Digital	Associate Software Engineer	3.5	1
19	Acmegrade	Business Development Associate	4	12
20	Rythmos	Junior Associate Consultant	5	1
21	Blue Binaries	Graduate Trainee Engineer	3.75	6
22	Brightex Bio Photonics	Software Engineer	3	1
Total				143

Total Placements -143

Total Companies Visited -22

Highest Salary - 9LPA

Median Salary - 5 LPA

GRE/TOFEL/GATE/CAT/IELTS INFORMATION

Name of the Student	GRE	IELTS	GATE Rank	Duolingo	Date
Boggula Bhumika (19261A04C8)	312				29-11-2022
Bollaram Adithya Reddy (19261A04C9)	150				17-11-2022
C Ramyasri (19261A0411)	291	6.5			26-11-2022
Chandrika Mani Krista (19261A0430)	323			125	12-12-2022
Devamsh Varma (19261A0493)	320				27-12-2022
G.Saikiran Reddy (19261A04A8)	304			130	30-11-2022
M Kusuma Sri (19261A0494)	318	7.0			29-12-2022
M Sai Dhiren (19261A0487)		7.0			06-12-2022
P. Revanth (19261A0446)	309				03-09-2022
Riddhima Reddy (19261A0460)		7.5			11-11-2022
Sai Sriram Valupadasu (19261A0457)				125	03-09-2022
Suraj Bhyri (19261A0464)	321				22-09-2022
Syeda Farheen (20265A0406)				115	06-11-2022
Garlapati V V Sai Adithya Kiran Rao (19261A04D8)			293		09-08-2022
Kethavath Mounika (19261A0426)			9.33		02-07-2022

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
1	AnithareddyVardhan Reddy (21261A0468)	Attended workshop on human values	SPIRITECH,MGIT, HYDERABAD	15-10-200 to 17-10-2022 participation
2	A Vivekananda Reddy (21261A0401)	Attended event on PROJECT EXPO	MGIT,HYDERABAD	30-06-2022 Participation
3	Bonjanola Sahith (21261A0467)	Attended workshop on Machine learning and AI	IIT,HYDERABAD	12-11-2022 to 13-11-2022 Participation
4	Paraiaigari Deepika reddy (21261A04B0)	Attended Webinar on food processing Machines Manufacturing and technologies	IETE, HYDERABAD	09-01-2022 Participation
5	Dadigala Archana (21261A0481)	Attended Course on simple endeavor	ONLINE COURSE	20-06-2022 Completed successfully
6	AnithareddyVardhan Reddy (21261A0468)	Attended Course on Python Data structures	ONLINE COURSE	17-05-2022 Completed successfully
7	Bonjanola Sahith (21261A0467)	Attended Course on Python	UDEMY, ONLINE COURSE	13-12-2022 Completed successfully
8	Yashmita Lalitraj mudgal (21261A0498)	Attended Course on Python	COUSERA,UNIVERSITY MICHIGAN	27-10-2022 Completed successfully
9	M.Krupa (21261A04F9)	Attended national level contest	IDEATHON-2K22,HYDERABAD	15-09-2022 Participation
10	M V Puranjay (21261A0499)	Recognition as the excellent initiative and outstanding contribution of campus Ambassador	IIT BHUNBANESWAR	2-11-2022 Appreciation
11	G Sushmitha (19261A0418)	PPT Presentation-Microcosm 2022	MGIT-ECE,HYDERABAD	30-06-2022 Participation
12	Ashwitha Rayapole (19261A0451)	Online Training on Programming with Python.	INTERNSHALA	15-07-2022 Participation
13	Sai Charan (19261A04D6)	Online course on C &DS	FRONT LINES EDU TECH HYDERABAD	Oct-Nov 2022 Participation
14	Motti Venkatesh (19261A04F9)	Online course on C &DS	FRONT LINES EDU TECH HYDERABAD	Oct-Nov 2022 Participation
15	G Sushmitha (19261A0418)	Online course on Use Canva to Create Desktop and Mobile-friendly Web Pages.	COURSERA	Jul -Dec2022 Completed successfully
16	Garlapati V VSaiAdithyaKiranRao (19261A04G2)	Attended Course on Embedded system design with ARM	NPTEL	Jul -Dec2022 Completed successfully
17	Rayapole Ashwitha (19261A0451)	Online course on Managing Project Risks and Changes	COURSERA	Jul -Dec2022 Completed successfully
18	Maleha Naaz (19261A0435)	Internship on Power Meter Reading	ADEMTEK	01-07-2022 to 31-12-2022 Participation
19	P.Sushmitavani (19261A0444)	Internship on Power Meter Reading	ADEMTEK	01-07-2022 to 31-12-2022 Participation
20	Sagar Lalwani (19261A04G9)	Event on Circuit Hunt	SMART INDIA HACKTHON	25-08-2022 to 26-08-2022 winner

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS CONTD...

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
21	C.Srikumari (20265A0402)	Course on Data Science	TEACHNOOK	01-03-2022 to 31-04-2022 completion
22	Kudithetti Monika (19261A0480)	Internship on web development live projects	VERZEO	01-09-2022 to 30-11-2022 Completed successfully
23	NithinSaiShivakoti (19261A04G2)	Work shop on Sky rider	MGIT , HYDERABAD	30-07-2022 Completed successfully
24	AnithareddyVardhan Reddy (21261A0468)	Attended course on free HTML&CSS essentials Boot camp	ONLINE	29-09-2020 to 02-10-2022 Completed successfully
25	AnithareddyVardhan Reddy (21261A0468)	Attended course on fundamentals of full stack development	EXCELR SOLUTIONS	05-12-2022 to 23-12-2022 Participation
26	AnithareddyVardhan Reddy (21261A0468)	Attended course on python programming and SQL	EXCELR SOLUTIONS	04-10-2022 to 26-10-2022 Participation
27	AnithareddyVardhan Reddy (21261A0468)	Attended course on Free java script programming	IITM EDUCTECH TRAINING PVT LTD	05-09-2022 To 09-10-2022 Participation
28	B.Kasi Vishwanth reddy (21261A0432)	Attended course on Automatic Testing and devops	EXCELR SOLUTIONS	08-08-2022 to 29-08-2022 Completed successfully
29	B.Kasi Vishwanth reddy (21261A0432)	Attended course on fundamentals of full stack development	EXCELR SOLUTIONS	05-12-2022 to 23-12-2022 Participation
30	Anumala Abhinav (21261A0409)	Internship on Artificial intelligence with python	COINCENT	25-07-2022 To 25-09-2022 Completed successfully
31	Nihanth Viswanatdhapalli (21261A0443)	Internship on Artificial intelligence	ISTOP	01-08-2022 to 13-02-2022 Completed successfully
32	B.Kasi Vishwanth reddy (21261A0432)	Attended course on python programming and SQL	EXCELR SOLUTIONS	04-10-2022 to 26-10-2022 Participation
33	B.Kasi Vishwanth reddy (21261A0432)	Attended course on Data science 2.0	PANTECH E LEARNING	20-09-2022 to 21-10-2022 Participation
34	B.Kasi Vishwanth reddy (21261A0432)	Attended course on Application based program on Adv excel. PowerPoint and word	EXCELR SOLUTIONS	07-11-2022 to 28-09-2022 participation
35	AnithareddyVardhan Reddy (21261A0468)	Attended course on python for beginners	SOLOLEARN	07-07-2022 Completed successfully
36	N.Narayn rakesh Reddy (20261A0437)	Internship on data science	EXPOSYS DATA LABS	11-11-2022 To 10-12-2022 Completed successfully

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS CONTD...

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/ Achievement
37	N.Narayn rakesh Reddy (20261A0437)	Attended seminar on Impact of 5G	INSTITUTE OF ENGINEERS, HYDERABAD	18-11-2022 To 19-11-2022 Completed successfully
38	J.Hareesh kumar (20261A04E5)	Attended seminar on Impact of 5G	INSTITUTE OF ENGINEERS, HYDERABAD	18-11-2022 To 19-11-2022 Completed successfully
39	Boggula Bhumika (19261A04C8)	New Technology Skilling Initiatives Programs For Under Graduates	NASSCOM FOUNDATION	06/09/2022
40	Goundra Amarnath (19261A0470)	Web Development	ISTOP	23-08-2022
41	M Rahul Naidu (19261A0433)	Course on Data Science	SMART KNOWER	06-01-2022
42	Riddhima Reddy (19261A0467)	Course On Interfacing With The Arduine	COURSERA	24-07-2022
43	Riddhima Reddy (19261A0467)	Interfacing With Raspberry Pi	COURSERA	08-09-2022
44	Riddhima Reddy (19261A0467)	Introduction To The Internet Of Things And Embedded Systems	COURSERA	16-05-2022
45	Riddhima Reddy (19261A0467)	Microeconomics Principles	COURSERA	11-08-2022
46	RiddhimaReddy (19261A0467)	The Raspberry Pi Platform And Python Progaminng For The Raspberry Pi	COURSERA	08-10-2022
47	Vagge Reema Rani (19261A04B9)	Course On Web Development	ONE STOP	23-08-2022
48	Vankar Prakruthi (19261A0458)	Course On Progammng With Python	INTERSHALA	31-07-2022
49	Kethavath Mounika (19261A0426)	Internship on fundamental of machine learning with python for business and data analytics	1 STOP	10-03-2022 to 09-08-2022
50	Dodda Tejavardhan Reddy (19261A0466)	Internship On Webdevelopment	1STOP	13-09-2022
51	G Sushmitha (19261A0418)	Internship On Ignite	LTI MIND TREE	2023
52	Goundra Amarnath (19261A0470)	Internship On Webdevelopment	1STOP	13-09-2022
53	Himanshu Reddy Ankireddipalli (19261A0404)	Intership On Ignite	LTI MIND TREE	2023
54	J.Usha Rani (19261A0424)	Internship On Data Science	SMART KNOWER	24-06-2022
55	Jangiti Sai Mallik Yadav (19261A0473)	Internship On Webdevelopment	1STOP	13-09-2022
56	M. Uday Kiran (19261A0436)	Intership On Data Science	SMARTKNOWER	24-06-2022
57	Madishetty Shivani (19261A04F3)	Intership On Ignite	LTI MIND TREE	13-06-2022

WORKSHOPS/WEBINARS/TECHNICAL ACHIEVEMENTS CONTD...

S.No.	Name of the student	Details of Workshop/Webinars event	Organization	Date/Achievement
58	Maleha Naaz (19261A0435)	Internship On Power Meter Reading, Wifi Module, TH Sensor, Battery Charging	ADEMTEK	30-06-2022
59	Nukala Naga Sai Hemanth (19261a0443)	Internship On Data Science	SMART KNOWER	24-06-2022
60	Vagge Reema Rani (19261A04B9)	Internship On Webdevelopment	1STOP	13-10-2022
61	Vankar Prakruthi (19261A0458)	Internship On Implementation Of Ethernet On FGPA Using Xilinx Platform Studio	DLRL	22-06-2022
62	Vislavath Santosh (19261A04H8)	Hack IT 2022	MGIT	12-10-2022
63	G.Sushmitha (19261A0418)	Internship On Data Science	SMARTKNOWER	06-09-2022
64	Goundra Amarnath (19261a0470)	Internship On Webdevelopment	1STOP	18-08-2022
65	M Rahul Naidu (19261A0433)	Certificate Of Appriciation	DEVTOWN	
66	Vankar Prakruthi (19261A0458)	Workshop On Drone Desinging & Manufacturing	SKYY RIDER INSTUTIONS	23-07-2022
67	Vagge Reema Rani (19261A04B9)	Course On Webdevelopment	1STOP	18-08-2022
68	K.Prerana reddy (19261A0476)	Internet of Things	NPTEL	July-Dec 2022
69	Gunda sai rakesh	Course on JAVA	CODING NINZAS	July-Dec 2022
70	Sai Vamshi krishna (20265A0406)	Course on JAVA	BLUE BINARIES	July-Dec 2022
71	Mourya Deepak (19261A04A3)	Introduction to IOT	NPTEL	July-Dec 2022
72	Chandrika Mani (19261A0430)	Introduction to IOT	NPTEL	July-Dec 2022
73	Devamsh Varma (19261A0493)	Internship on Graduate Engineer Trainee	MINDTREE	28-10-2022
74	J.RAJKUMAR (19261A0423)	Internship on Graduate Enginner Trainee	MINDTREE	28-10-2022
75	Vislavath Santosh (19261A04H8)	Internship on Trainee Engineer	SMARTSOC SOLUTIONS	18-10-2022
76	M Aravind (19261A0486)	Internship on Business Development	INTELLIPAAT	01-10-2022
77	M Aravind (19261A0486)	Internship on Business Development	INTELLIPAAT	01-10-2022
78	Mula Rashimika (20265A0409)	Internship on Programmer Analyst Trainee	COGNIZANT	14-12-2022
79	J.Likhita (20265A0409)	Internship on Trainee Engineer	SMARTSOC SOLUTIONS	18-10-2022
80	k.Mounica (19261A0480)	Internship on Business Development	INTELLIPAAT	01-10-2022
81	D.Sai prakash reddy (19261A04D4)	Internship on Business Development	INTELLIPAAT	01-10-2022
82	C Ramyasri (19261A0411)	Internship on Graduate Engineer Trainee	MIND TREE	09-11-2022

ALUMNI ACHIEVEMENTS

List of students joined in higher studies from July to December 2022

S.No.	Roll Number	Student Name	Higher Studies	University/Institution &Place
1	18261A0401	A Chaitra	MS	University of New Haven,USA
2	18261A0405	B Brijesh Kumar	MS	Illinois Institute of Technology,USA
3	18261A0406	B Mohana Sai	MS	University of Houston, USA
4	18261A0409	Ch.Rahul Reddy	MS	University of Central Missouri,USA
5	18261A0416	G Sanjay Teja	MTech	NIT,Rourkela,India
6	18261A0424	K.Sravya	MS	University of Central Missouri,USA
7	18261A0426	K.Siri Chandana	MS	The university of Alabama,USA
8	18261A0428	K Bhavani	MTech	NIT,Surathkal,India
9	18261A0433	M Saketh Reddy	MS	State University of NewYork,USA
10	18261A0439	P Aravind Kumar	MS	University of Houston, USA
11	18261A0440	P reetesh reddy	MS	Northeastern University,USA
12	18261A0442	R Hruthik Kumar	MS	University of Texas,USA
13	18261A0447	Sai Rajesh T	MS	University of Houston, USA
14	18261A0455	T Sai Praneeth	MS	Illinois Institute of Technology,USA
15	18261A0456	Udaya Sri M	MS	University of Houston, USA
16	18261A0457	V S Preethi chikkala	MS	University of Alabama, USA
17	18261A0461	A Anirudh Balaji	MS	University of Florida,USA
18	18261A0482	M Hemanth Kumar	MS	Clark University ,USA
19	18261A04B0	S Suhail Farhaan	MS by Research	IIIT, Bangalore
20	18261A04B5	V Anvitha	MS	University of North Texas, USA
21	18261A04C1	A Manisha	MS	University of Central Missouri, USA
22	18261A04E0	K Akshitha	MS	New York Institute of Technology, USA
23	18261A04E3	K Santhoshi	MS	University of North Texas, USA
24	18261A04E7	K Mounica Reddy	MS	University of Cincinnati, USA
25	18261A04F0	K Jaya Krishna sai	MTech	BITS, Goa
26	19265A0401	A Naga Sasank	MS	University of Alabama, USA

EVENTS ORGANIZED BY THE DEPARTMENT

Webinars, Workshops, FDPs, STTP & Alumni Meet conducted by ECE dept during July to December 2022:

S.No.	Name of the Event	Date	Organized By	No. of Participants
1.	One-Week Virtual International Faculty Development Program on “Smart Tools and Methodologies for Academic Research”	01 – 05 Aug 2022	ECE Dept., MGIT in Association with Swecha. Convenors: Dr. T. R. Vijaya Lakshmi, Assoc. Prof. Dr. Y. Praveen Kumar Reddy, Asst. Prof.	International: 10 National: 515 Total: 525
2.	3-Day Workshop on “SIMULATION OF DATA COMMUNICATIONS NETWORKS Using NS2”	22 nd to 24 th Sep 2022 & 4 th to 7 th Nov 2022	ECE Dept., MGIT in Association with TASK Coordinator: Mr.K.Raghu, Asst. Prof., Mrs.G.Srilatha, Asst. Prof.	180
3.	Three Day Faculty Development Programme on “RECENT TRENDS IN WIRELESS COMMUNICATIONS”	20 th – 22 nd Oct 2022	ECE Dept ., MGIT Coordinators: Mr. K. Raghu, Asst. Prof., Mr. D.V.S. Nagendra Kumar, Asst. Prof., Ms. G. Srilatha, Asst. Prof., Mr. B. Satyanarayana, Tech. G-II.	147

Co-curricular & Extracurricular Activities for B.Tech II, III & IV Years from July to December 2022:

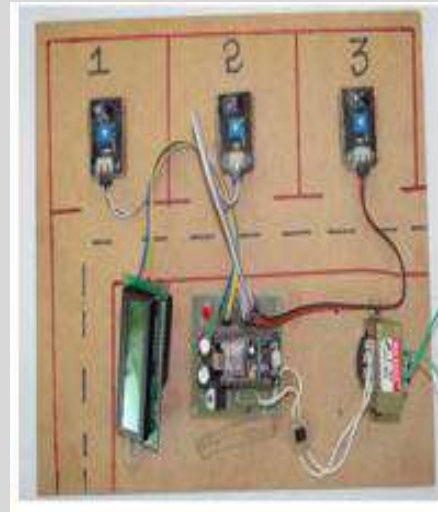
S.No.	Date	Event Name	No. of Students participated
1	24-09-2022	Aptitude Test	19
2	28-10-2022	Letter Writing	21
3	19-11-2022	Debate	26
4	26-11-2022	Group Discussion	30

FORTHCOMING EVENTS

Tentative schedule of Extracurricular Activities for ECE Students (2022-23):

S.No	Date	Name of the Event
1.	25-02-2023	Technical Quiz
2.	11-03-2023	Aptitude Test-1
3.	25-03-2023	Aptitude Test-2
4.	29-04-2023	Group Discussion
5.	10-06-2023	Debate
6.	17-06-2023	Seminar on General topics

PHOTOGRAPHS



Students of ECE-MGIT won 3rd Prize in CBIT Hackathon-2022 during 3rd to 4th December 2022 on Research Day-2022



58-Students of ECE-MGIT have participated in 37th National Convention of Electronics and Telecommunication Engineers and national seminar on “The Impact of 5G: Creating New Value across Industries and Society” during 18th-19th November 2022 organized by Institution of Engineers, Visvesvaraya Bhavan, Hyderabad)

PHOTOGRAPHS CONTD...



Students, Faculty and Placement Officer of MGIT have visited QMAX SYSTEMS, Chennai for Industry Interaction on 05-11-2022



Students, Faculty and Placement Officer of MGIT have visited INTERLOGIX PVT. LTD, Pondicherry for Industry Interaction on 06-11-2022

PHOTOGRAPHS CONTD...



Faculty, Placement Officer of MGIT have visited THUNDERSOFT Technologies, Hyderabad for Industry Interaction on 03-11-2022





**Faculty of MGIT interacting with SAMSUNG CTO, Dr. ALOKNATH AT
MGIT CONFERENCE HALL**

PRESS NOTE

సాక్షి

ఎంజేఐటీలో ఎలక్ట్రానిక్ వార్ఫేర్ సెమినార్

మణికోండ: ఎంజేఐటీ కళాశాల ఈసీఈ విభాగంలో ప్రొఫెసర్ టీ.డి.భట్ పదవీ విరమణ సందర్భంగా ఎలక్ట్రానిక్ వార్ఫేర్ సెమినార్ను ప్రిన్సిపాల్ ప్రొఫెసర్ చంద్రమోహన్రెడ్డి ప్రారంభించారు. ఈ సందర్భంగా ఆయనను ఘనంగా సన్మానించి వీడ్కోలు తెలిపారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా డీఆర్డిఓ సైంటిస్ట్, ప్రోగ్రామ్ డైరెక్టర్ డాక్టర్ అనుపమ్ శర్మ హాజరయ్యారు. సాంకేతిక అభివృద్ధికి అనుగుణంగా తమ నైపుణ్యాన్ని పెంచుకోవడంతో పాటు విద్యార్థులను ఉత్తమ పౌరులుగా తీర్చిదిద్దుతారన్నారు. డాక్టర్ ఏ.కే.సింగ్, కళాశాల వైస్ చిన్సిపాల్ ప్రొఫెసర్ సుధాకర్రెడ్డి, డాక్టర్ ఎస్. పీ.సింగ్, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

Sakhi 1-12-2022

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.