

MGIT'S QUARTERLY

NEWS LETTER

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY



ABOUT US

MGIT envisions, inspires and motivates its students to imbibe knowledge with which they can excel and serve the nation with great elan. To nurture students into disciplined young citizens of irreproachable character, coupled with hands – on training and to make them readily employable by fostering social, cultural and environmental consciousness.



TRAINING & PLACEMENTS

I.PLACEMENTS AND TRAINING ACTIVITIES

(I) DETAILS OF PLACEMENTS:

Details of B.Tech. Placements								
S.No	CSE	ECE	EEE	IT	MECH	MCT	CIVIL	MME
1	126	50	5	12	4	6	1	1

Details of M.Tech. Placements						
S.No	CINS	SE	DECE	PEED	MCT	CASE
-	-	-	-	-	-	-

DETAILS OF COMPANY VISITED:

S.No	Name of the Company visited	No of Students Recruited by the company	Details of package offered
1	Arth Design Build	1	2.80
2	TCS (Digital)	27	7.02
3	TCS(Prime)	1	9.00
4	TCS (Ninja)	25	3.50
5	Castlight India (intern)	1	27000PM
6	Modak Analytics	4	6
7	Corizo	8	6.5
8	Inspira Enterprise(Intern)	1	-
9	Elemica Solutions (Intern)	1	-
10	DataBeat	9	5
11	Sigma Advanced Systems	2	6
12	Kanerika Solutions	2	6.05
13	Intrainz Innovation	18	6
14	Intense Technologies(Intern)	1	-
15	Bluesupphire Cyber Systems	1	5
16	DeltaX	0	9
17	PalTech	4	6
18	LTIMindtree (2024 YoP)	39	4.05
19	Mthree	2	8
20	Schneider Electric	1	5.5
21	LTIMindtree	40	4.05
21	OSI Digital (Intern)	1	-
22	Ascendion India	6	5
23	Renault Nissan Technology	2	4.25
24	Cognida.ai	0	7
25	eInfochips	5	5
26	Crowe	3	7
27	Reliance GET	0	7.2

M/s. ZeroCodeHR Drive



M/s. eInfochips-An Arrow Company Drive



(iii) Details of Training activities given to the students to support the placements.

S.No	Details of the Training Activity/Workshop	Details of Training organization	Duration of Training
1	CRT Program (Campus Recruitment Training)	M/s. Triumphant Training Solutions, Hyderabad	29.07.2024 to 10.08.2024
2	Are you Job/Entrepreneurship Ready (Knowledge Sharing Session)	Sri. Vatturi Srinivas (Founder, Vector2Success)	29.08.2024 (10:30 AM to 12:30 PM) 2 hours
3	Insights and experience on emerging technologies and acclimating to corporate markets & Hiring patterns (Knowledge Sharing Session)	Triveni B (Associate Principal, LTIMindtree)	29.09.2024 (11:00 AM to 12:30 PM) 1.5 hour

Ms. B. Triveni, Director, LTIMindtree shared her insights and expertise on Emerging Technologies for the Final Year Students



NSS ACTIVITIES

S. No	Date	Name Of the Event/Program	Program Details	No. of Participants	Page Numbers
1	10-08-2024	Swachadanam-Pachadanam	Organized <i>Swachadanam-Pachadanam</i> . Students actively participated in cleanliness and plantation drives, promoting hygiene, environmental sustainability, and a greener future through dedicated efforts and community engagement.	19	75-78
2	10-08-2024	Vana Mahotsavam	Organized <i>Vana Mahotsavam</i> . Students actively participated in tree plantation drives, spreading awareness about afforestation and environmental conservation, fostering a greener and more sustainable future for the community.	42	70-74
3	14-08-2024	Drug Abuse & Anti Ragging	Organized a <i>Drug Abuse & Anti-Ragging</i> campaign. Students participated in awareness sessions, promoting a drug-free lifestyle and a safe, respectful campus environment through discussions and pledge-taking.	250	59-69
4	15-08-2024	Har Ghar Tiranga Campaign	Activities conducted: Flag Hoisting by the Departments, Selfies with National Flag. Competitions in Cultural and Literary activities, Games & Sports, Closing Ceremony with prize distribution and cultural programs	45	57-58
5	23-08-2024	National space day	Organized the <i>National Space Day</i> campaign, where students participated in the activities like celebrating space exploration, enhancing their knowledge of astronomy, and fostering curiosity about scientific advancements and the universe.	19	53-56

6	25-08-2024	Hydra Support Walk	actively participated to raise awareness about water conservation and sustainability, promoting responsible water usage for a better and eco-friendly future.	60	51-52
7	23-09-2024	Dental Camp	Organized Dental Camp in collaboration with Digital Dental Hospital.	94	45-50
8	24-09-2024	Campus Cleaning	Organized Clean & Green awareness program in connection with Plant4Mother including a plantation program.	35	40-44
9	28-09-2024	Swachhta Hi Sewa Campaign	Organized the Swachhta Hi Sewa campaign. Students actively participated in cleaning public spaces, spreading awareness on hygiene, and promoting a cleaner, healthier environment through	21	34-39

SWACHCHADANAM-PACHCHADANAM



10th August 2024,
No. of students participated:250

VANA MAHOTSAVAM



10th August 2024

No. of students participated:250

ABN
ఆంధ్రభూమి

ఎంజేఎల్ కళాశాలలో వనమహోత్సవం

హైదరాబద్, ఆగస్టు 9 (ఆంధ్రభూమి): మహాత్మాగాంధీ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ కళాశాలలో శుభవారం వనమహోత్సవం కార్యక్రమాన్ని నిర్వహించారు. ఈ కార్యక్రమంలో ఎన్ఎస్ఎస్ యూనిట్ అధ్యక్షులలో నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా కళాశాల వైస్ చీఫ్ ప్రొఫెసర్ కె. సుధాకర్ రెడ్డి పాల్గొన్నారు. ఈ సందర్భంగా సుధాకర్ రెడ్డి మాట్లాడుతూ, ప్రతి ఒక్కరూ తమ పరిసర ప్రాంతాల్లో మొక్కలను పెంచాలని ఆయన సూచించారు. ఈ కార్యక్రమంలో ఎన్ఎస్ఎస్ యూనిట్ ప్రాధికారి డాక్టర్ జి.హరిరెడ్డి, డాక్టర్ వి.హరిరెడ్డి, డాక్టర్ సైదులు, విద్యార్థులు పాల్గొన్నారు.



వనమహోత్సవం కార్యక్రమంలో పాల్గొన్న వైస్ చీఫ్ ప్రొఫెసర్ కె. సుధాకర్ రెడ్డి తదితరులు

సాక్షి

ఎంజేఎల్లో వనమహోత్సవం

మహాత్మాగాంధీ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ (ఎంజేఎల్) కళాశాల ఆవరణలో శుభవారం వనమహోత్సవం-పచ్చదనం కార్యక్రమం నిర్వహించారు. ఈ కార్యక్రమంలో భాగంగా వైస్ చీఫ్ ప్రొఫెసర్ కె. సుధాకర్ రెడ్డి, హార్టింగ్ మున్సిపాలిటీ 14వ వార్డు కోన్సిల్ జరి. ఆదిత్యరెడ్డిలు మొక్కలను నాటారు. ఈ సందర్భంగా వారు మాట్లాడుతూ, మన జంటి భుజుచక్కలు వీటిని మొక్కలు నాటాలని, వచ్చావరకు వనం తుల్యతను ప్రతి ఒక్కరూ భూమి చేయాలని అన్నారు. తమ కళాశాల ఎన్ఎస్ఎస్ అధ్యక్షులలో ప్రతి సంవత్సరం వందలాది మొక్కలను నాటి కళాశాలను సందన పడంగా తీర్చిదిద్దామన్నారు. ఈ కార్యక్రమంలో ఎన్ఎస్ఎస్ ప్రాధికారి డాక్టర్ జి.హరిరెడ్డి, డాక్టర్ వి.హరిరెడ్డి, డాక్టర్ సైదులు, విద్యార్థులు పాల్గొన్నారు.

10/08/2024 | Hyderabad(Rajendranagar) |
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Source : <https://epaper.sakshi.com/>

DRUG ABUSE & ANTI RAGGING



14th August 2024,
No. of students
participated:250



NATIONAL SPACE DAY



23th August 2024,
No. of students participated: 250

ABN
ఆంధ్రజ్యోతి

ఎంజీఎస్‌టీలో

జాతీయ అంతరిక్ష దినోత్సవం

నార్సింగ్, ఆగస్టు 23 (ఆంధ్రజ్యోతి): మహాత్మా గాంధీ ఇన్‌స్టిట్యూట్ ఆఫ్ టెక్నాలజీలో జాతీయ అంతరిక్ష దినోత్సవ కార్యక్రమాన్ని శుభ్రవారం నిర్వహించారు. మొదట అధికారికంగా పాల్గొన్న ప్రెసిడెంట్ ప్రొఫెసర్ జి.ఎం.ఎస్. మోహన్‌రెడ్డి ఇలాి సాధించిన ప్రగతి, విజయాలను గురించి తెలిపారు. మొదటిసారి, మెటేరియల్స్ ఇంజనీరింగ్ విభాగంలోని పూర్వ విద్యార్థులు డాక్టర్ పి. అనిల్ కుమార్, డిప్యూటీ ఛీఫ్ గవర్నరు కుమార్ తదితరులు అందిస్తున్న సేవలను ఈ సందర్భంగా కొనియాడారు. కార్యక్రమంలో ఎన్‌ఎస్‌ఎస్ ప్రోగ్రాం అధికారి డాక్టర్ జి.బి.ఎల్. రెడ్డి, మెంకటరెడ్డి, రవిచందర్, వర్మ, సైదులు పాల్గొన్నారు.

Hyderabad, Telangana, India
98RC+4FD, Kothapet, Gandipet, Hyderabad, Telangana 500075, India
Lat: 17.3903°
Long: 78.321134°
23/08/24 02:25 PM GMT +05:30

జాతీయ అంతరిక్ష దినోత్సవంలో విద్యార్థులు

HYDRA SUPPORT WALK



25th August 2024 No. of students participated: 250

DENTAL CAMP



ABN
ఆంధ్రభాష



దంత సమస్యలపై అవగాహన కార్యక్రమంలో
ప్రెసిడెంట్ చంద్రమోహన్ రెడ్డి, విద్యార్థులు, దాతలు

దంతాలపై అవగాహన సదస్సు

నార్సింగ్, సెప్టెంబర్ 23 (ఆంధ్రభాష):
యెంజేపల్లి కళాశాలలో డిజిటల్ డెంటల్ ఆస్పత్రి
వారిచే దంత సంబంధిత సమస్యలపై అవగాహన
కార్యక్రమం సోమవారం ఎన్ఎస్ఎస్ అధ్యక్షులలో
జరిగింది. ఈ కార్యక్రమంలో ముఖ్య అతిథిగా కళా
శాల ప్రెసిడెంట్ చంద్రమోహన్ రెడ్డి పాల్గొ
న్నారు. ఈ సందర్భంగా చంద్రమోహన్ రెడ్డి తన
చిన్ననాటి జ్ఞాపకాలను విద్యార్థులతో సెమరుపెను
కున్నారు. వేవ, కానుగ వల్లలను బ్రష్లుగా వాడే
వారమని, ఇప్పటి విద్యార్థులకు అది తెలియమని
అయన అన్నారు. వేవ, కానుగ వల్లలతో దంతాలు
తీమితే ఎంతో దుబంగా ఉండేవని తెలిపారు. ఈ
కార్యక్రమంలో డిజిటల్ డెంటల్ ఆస్పత్రి డాక్టర్లు
కె. జయరాంరెడ్డి, డాక్టర్ సుజాత పొండే, విద్యార్థులు,
ఎన్ఎస్ఎస్ ప్రాగ్ధాం అధికారి డాక్టర్ బి.బాలరెడ్డి
తదితరులు పాల్గొన్నారు.

23th September 2024, No. of students participated: 250

SWACHHTA HI SEWA CAMPAIGN



28th September 2024,
No. of students participated: 250

సాక్షి

ఎంతటిలో స్వచ్ఛతా హి సేవా

మహాకవి: గంధీ సేవలోని మహాత్మాగాంధీ జనప్రయోగం అనే దిశ్యులతో (ఎంతటిలో) కళాకారులలో శివమారుల జీవనోపాయ సైనికా బాల్ అదేశాల వేదం 'స్వచ్ఛతా హి సేవా' కార్యక్రమాన్ని నిర్వహించి, కళాకారుల ప్రాంగణం, ఈశ్వరేశ్వరం తల్లి పేరైన పేరైన గోరు. ఈ పంపిణీగా ప్రస్తుతంలో ద్వారా శివమారులలోని మార్పులను చరిత్రకారులు ప్రతి ఒక్కరు ప్రాచీనతర ఇద్దరు పురి ఆలోచనలో సమాఖ్య పెంచుతుంటున్నారు. ఈ కార్యక్రమంలో ఎన్ఎస్ఎస్ ప్రోగ్రాం అధికారి ద్వారా బాంబర్డ్, అధ్యాపకులు ద్వారా పాఠశాల చరిత్రలు పాల్గొన్నారు.

ఎంతటిలో స్వచ్ఛతా హి సేవాలో విద్యార్థులు

29/09/2024 | Hyderabad@rajendranaga | Page : 9
Source : <https://epaper.sakshi.com/>

CLUB ACTIVITIES

- Rangoli– as part of ISTE student chapter inaugural have done Rangoli art work Students of the Art club– MUSE 13th and 14th September 2024- A block foyer
- INDUCTION(CLUB INTRODUCTION) The college clubs of MGIT were introduced to the newly joined students from 3rd September, 2024 to 5th September, 2024, as part of the Induction Program. SYMPHONY (MUSIC CLUB OF MGIT)
- INDUCTION(CLUB INTRODUCTION) Introduction of Persona and technology club to the first year newly joined students of MGIT Persona and technology club, MGIT 3RD SEPTEMBER, 2024 to 5TH September, 2024
- Induction Program (CLUB INTRODUCTION) Has presented overview of the club to freshers, Spotlight- Drama and filmmaking club 3rd, 4th, 5th September 2024



CLUB ACTIVITIES



DEPARTMENTAL ACTIVITIES

CSE

1. "Data Science using R Programming", 5-days (6th- 10th August 2024), FDP, C. Soundaryaveni, Senior Technology Specialist at Quantum Nique Solutions. 60 participants from outside MGIT and inside MGIT.
2. "UIFlutter", 4-days (30th July- 2nd August 2024), FDP, Mr. Praveen Fernandes, Senior Associate Mentor at Quantum NIQUE Solutions. 60 participants from outside MGIT and Inside MGIT.
3. "Full Stack Development", 6-days (July 8th-13th, 2024), FDP, Renowned Speakers from Educults Consuting pvt ltd. 60 participants from outside MGIT and Inside MGIT.

NewStaff Details:

- Ms M Samyuktha joined as an Assistant professor in the department of CSE in July 2024.
- Ms D Renuka joined as an Assistant professor in the department of CSE in July 2024.

Alumni activities

- GRithin Surya Sai, a 2017 graduate and currently working as Senior Engineer in Service Now, interacted with CSE final year students on Career Guidance on 3rd September 2024



DEPARTMENTAL ACTIVITIES

CSE



DEPARTMENTAL ACTIVITIES

IT

1. OneWeekFaculty Development Programme on Full Stack Development (08-07-2024 to 13-07-2024)Organized by the Departments of CSE, ET, and IT at MGIT, this programme was conducted in collaboration with Edcults Consulting Private Limited. The session featured Alur Basha and Harshad Hafeez as the eminent speakers. It took place in room D-110 and was attended by faculty members.
- 2.4-Day Faculty Development Programme on "UI Flutter" (30-07-2024 to 02-08-2024) This programme, aimed at enhancing the faculty's skills in UI development using Flutter, was conducted by Mr. Pravin Fernando, Sr. Associate Mentor at Consensus Academy. It was held in room D-110 and targeted faculty members.
- 3.5-Day Faculty Development Programme on "Data Science Using R Programming" (06-08-2024 to 10-08-2024),The Departments of CSE, ET, and IT hosted a 5-day training on data science, focusing on R programming. The session was led by C. Soundaryaveni, Senior Technology Specialist at Quantum Nique Solutions. This event took place in room C-002 and was intended for faculty members.
4. Training Program on Database Programming with SQL (27-08-2024 to 29-08-2024), A training programme on SQL database programming was conducted by the Department of IT in association with TASK. M. Kalpana, Tech Trainer at TASK, led this session. It was held in room D-209 and was attended by TASK-registered students from the 5th semester of CSB and IT.
5. Guest Lecture on "Language Models in NLP: A Comprehensive Overview" (22-07-2023) The IT Department hosted a guest lecture presented by Dr. KVS N Rama Rao, Tenured Leader at Brane Enterprises. The lecture was held for IV-semester B.Tech IT and CSB students.

NewStaff Details:

- Name of the faculty, designation, date of joining Name of the faculty-SK.ARSHIYA JULMA designation-ASSISTANT PROFESSOR date of joining-12.08.2024

DEPARTMENTAL ACTIVITIES

IT



DEPARTMENTAL ACTIVITIES

ET

1. 5-Days FDP on “ETL-Kafka”, 6th August to 10th August 2024, Faculty Development Program.

Details of the Speaker :

- Mr. Nethaji nirmal G , Lead Data Engineer, QUANTUMNIQUE
- Mr. Kasthuri raja, Senior Technology Specialist, QUANTUMNIQUE

The ETL (Extract, Transform, Load) in the context of Kafka typically covered the integration of Kafka with various data sources and sinks, data transformation using Kafka Streams or other frameworks, and the process of loading transformed data into target systems. This FDP provided a comprehensive understanding of Apache Kafka, covering both theoretical concepts and practical implementations, tailored for faculty development.



NewStaff Details:

- Ms Karuna Verma joined as an Assistant professor in the department of ET in August 2024

DEPARTMENTAL ACTIVITIES

ECE

1. Guest lecture organized on “ On-Chip to Career-Bridging Campus to Corporate in the Semicon Industry” by Mr. M.Naga Sitaram, Delivery Manager, BITSILICA, Hyderabad held on 12-08-2024 at C-Block Seminar Hall, MGIT, Hyderabad.
2. Guest lecture conducted on “Career in Management after Engineering” by Mr.Puneeth Sharma, Chief Mentor, IMS, Hyderabad held on 13-08-2024 at C-Block Seminar Hall, MGIT, Hyderabad

Industry-Academia Partnerships

Collaborations between educational institutions and semiconductor companies are vital in aligning curricula with industry needs. For instance, Rensselaer Polytechnic Institute (RPI) and GlobalFoundries have expanded their partnership to include a new master's degree program in semiconductor technology. Additionally, GlobalFoundries is funding a \$150,000 scholarship program over three years for RPI students pursuing careers in the semiconductor industry, which includes internship opportunities at GlobalFoundries. This collaboration aims to foster workforce development and innovation in the semiconductor sector.



DEPARTMENTAL ACTIVITIES

CIVIL

Civil Engineering Department had organized an Expert Lecture on “Adaptive Urban Infrastructure: Navigating the Complexities of limited space and growing demand” by Sri C A Prasad Director, METEY Engineering Consultancy Pvt. Ltd & President of PSI Hyderabad On the Occasion of Engineers Day on 13th September, 2024 for B.Tech III Sem, V Sem & VII Sem students.



FACULTY ACHIEVEMENTS

CSE

a) Research Papers published (IEEE format):

- N Musrat Sultana,” Data Privacy Protection in Cloud Computing Using Visual Cryptography”, Multimedia Tools and Applications, Springer Nature, August 2024, DOI: 10.1007/s11042-024-19963-6.

b) Patents: granted / published

1. Dr. Gousiya Begum, (2024). METHOD AND SYSTEM FOR MULTI MODE EMOTION ANALYSIS BASED ON AI DEEP LEARNING (India Patent No. 202441066191). National Patent.
2. Dr. K. Rajitha, (2024). A SYSTEM AND METHOD FOR AI-ENABLED ANALYSIS OF OCEAN REMOTE SENSING IMAGERY FOR EFFECTIVE NAVIGATION (India Patent No. 202441064165). National Patent.

c) Others

- Dr. K. Sreekala, Assistant Professor, is Reviewer for the Journal titled "Discover Computing", Springer Nature (02nd September 2024).
- Gousiya Begum was awarded the Best Teacher recognition by the Prof. Dr. Amruth Rao Educational Society, in association with the World Environment Organization, Tax Filing, and Educacio World, on 22nd September 2024 in Telangana.
- Ms. N Musrat Sultana was awarded the Best Teacher recognition by the Prof. Dr. Amruth Rao Educational Society, in association with the World Environment Organization, Tax

FACULTY ACHIEVEMENTS

CSE

- Dr. K. Sreekala was awarded the Best Teacher recognition by the Prof. Dr. Amruth Rao Educational Society, in association with the World Environment Organization, Tax Filing, and Educacio World, on 22nd September 2024 in Telangana.
- Dr. K. Rajitha was awarded the Best Teacher recognition by the Prof. Dr. Amruth Rao Educational Society, in association with the World Environment Organization, Tax Filing, and Educacio World, on 22nd September 2024 in Telangana.
- Dr. K. MadhuBabu, Reviewer of "Discover Electronics", Springer Nature Journal (29th September 2024).
- Dr. K. MadhuBabu, Reviewer of "Scientific Reports", Springer Nature Journal (19th August 2024).
- Dr. K. MadhuBabu, Reviewer of "International Journal of System Assurance Engineering and Management", Springer Nature Journal (25th July 2024).

FACULTY ACHIEVEMENTS

ET

1. Aleti Nagitha Reddy, Dr.M. Rama bai, “A Model for Automatic Recognition of Medicinal Plant Properties with AI Driven MobileNet-LSTM Model”, IJARESM, Sep 2024, Volume 12, Issue 9, ISSN:2455-6211, UGC Care, Imapct factor-8.536, <https://www.ijaresm.com/> DOI: <https://doi.org/10.56025/IJARESM.2024.1209241042>.
2. Dr. Barnali Gupta Banik has completed certification on “Oracle Cloud Infrastructure Generative AI Certified Professional on 29th July 2024.
3. Dr. Barnali Gupta Banik has served as resource person in the Faculty Development Program on “Cyber Security and Blockchain: Current trends and future directions” on 5th July 2024.
4. Published Inventor Name : J Sreedevi, Year:2024, Title of patent : A COCONUT SHELL (HUSK REMOVED) SURFACE POLISHING MACHINE, Applicant : Vallurupalli Ngeswara Rao Vignana Jyothi Institute of Engineering and Technology, Patent No: 202441050107, url- Intellectual Property India Radhika Vangala (IN/PA 4737) Agent for Applicant(s).
5. Mr. Ch. Shiva Krishna Chary has delivered an Expert Talk on “Cyber Security” at SCITS KNR on 11th September 2024.
6. Mr. KKotaiah Swamy has delivered a guest lecture on Computer Networks for III Year CSE and IT students organized by AI Club, Department of CSE, KG Reddy Collge of Engineering on 20th September 2024.
7. Ms. D.Deepika was awarded the Best Teacher recognition by the Prof. Dr. Amruth Rao Educational Society, in association with the World Environment Organization, Tax Filing, and Educacio World, on 22nd September 2024 in Telangana.

FACULTY ACHIEVEMENTS

ECE

1. Maheswari, M., Ahamed Ayoobkhan, M.U., Shirley, C.P., Lakshmi, T.R.V., “Optimized attention-induced multihead convolutional neural network with efficientnetv2 fostered melanoma classification using dermoscopic images”, Medical and Biological Engineering and Computing, November 2024, 62(11), pp. 3311–3325 (Scopus).
2. Gollapudi, V.M., Madhuli, A.S., Kartik, R., ... Vijaya lakshmi, T.R., Reddy, C.V.K., “Analysis of Image Quality and Video Denoising Using Convolutional Neural Networks”, Advances in Signal Processing and Communication Engineering (ICASPACE 2023), Lecture Notes in Electrical Engineering, 4th July 2024, 1157, pp. 175–192 (Scopus).

FACULTY ACHIEVEMENTS

EEE

Ph.D's Awarded:

1.Mr.Ch.Vinay Kumar received Doctor of Philosophy for the Thesis entitled “Analysis of the Performance of BLDC Motor using Advanced Soft Computing Techniques” from JNTUH, Hyderabad on 22-08-2024.



FACULTY ACHIEVEMENTS

EEE

Research Activities by the Faculty:

Dr.P.Chandrsekhar, published an article “Enhanced Vehicle-to-Grid and Grid-to-Vehicle Efficiency: Implementing a Three level Inverter with IGBT Switches in DC fast charging systems”, in Journal of Engineering Sciences in July 2024.

Dr.P.Nagasekhar Reddy, published an article “An Intelligent Method for Performance of Air Conditioning System and Vehicle Fuel Economy Trade-offs for a Hybrid Electric Vehicle using SA-CNN-LSTM Model”, in International Conference for Advancement in Technology (ICONAT), September 2024

Dr.P.Ram Kishore Kumar Reddy, Published an article “Power Electronics and Smart Grids”, in IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems(SPICES), September 2024.

Dr.P.Ram Kishore Kumar Reddy, Published an article “Modelling and Stability Analysis of Dynamic Droop Controlled Microgrid based on Dynamic phasor”, in 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), September 2024.

Awards Achieved by the Faculty:

Dr.P.Ram Kishore Kumar Reddy, Awarded with Best Paper Award for an article published titled “Power Electronics and Smart Grids”, in IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems(SPICES), September 2024.

FACULTY ACHIEVEMENTS

CIVIL

Dr. Sreeteja Bala Padmaja, Assistant Professor, Civil Engineering Department, Published a Patent titled "DESIGN AND CONSTRUCTION OF A CUSP CATOSTROPHE MODEL TO ANALYSE THE STABILITY OF LANDSLIDE" Patent on 02.08.2024, No. 202441053554 A.

P&C

1. Dr.G.Kumaraswamy,Assistant Professor and Dr. M. Ravichander, Associate Professor & HoD “One-pot multicomponent approach towards the synthesis of 5-substituted 1H tetrazoles using lanthanum (III) nitrate hexahydrate as a catalyst” Journal of Research on Chemical Intermediates. July 2024.
- 2.Dr.ArchanaJain, Assistant Professor “Mononuclear Aluminum Complexes as Precursors for Cyanosilylation of Carbonyl Compounds”Journal Chemistry Select July 2024.

CSE

a) Academic achievements of the students

- CHIKKUDU CHANDU (22261A0512), NPTEL Certification Course, Jul-Dec 2024, Data Structure and Algorithms using Java. Secured Topper of the course with Elite+Gold Certification.
- VEAMDHEERAJREDDY(23261A05J8), NPTEL Certification Course, Jul-Dec 2024, Problem Solving Through Programming in C. Received Elite+Gold Certification.

STUDENT ACHIEVEMENTS

b) Co-curricular achievements of the students

- The Smart India Hackathon (SIH) Internal Hackathon took place from September 3- 4, 2024. A total of 100 teams participated, out of which 30 advanced to the finals. 2. On August 26, 2024, MGIT received the ACM Student Chapter Certificate of Charter, recognizing its commitment to building a vibrant computing community. The chapter will offer student's opportunities to explore computing advancements, participate in competitions, and collaborate on projects.



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