

MGIT'S QUARTERLY

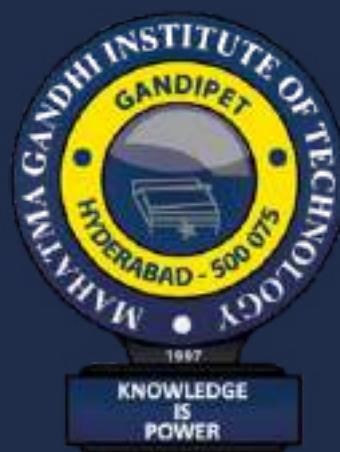
# NEWS LETTER

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 & PLACEMENT ACTIVITIES

## Second Quarter

### II. Placements and Training Activities

#### (i) Details of Placements:

Details of B.Tech. Placements								
S.No	CSE	ECE	EEE	IT	MECH	MCT	CIVIL	MME
1	55	11	16	7	10	9	4	5

#### (ii) Details of Company visited:

S.No	Name of the Company visited	No of Students Recruited by the company	Details of package offered
1	Siemens	1	9
2	CodeYoung	4	7.5
3	People Tech	3	4
4	Deloitte - India	44	3.58
5	BSCPL	4	4
6	Rachamallu Forging	5	2.4
7	Cognizant GenC	8	4
8	BHEL	2	4
9	Zemoso Technologies	5	6.89
10	Mahindra & Mahindra (FD)	6	4.2
11	Mahindra & Mahindra (AD)	22	4.2
12	Nalsoft	1	5.6
13	Mahindra & Mahindra (Nasik)	1	4.2
14	Arcesium	1	7
15	ETG Digital	3	5
16	MassMutual	7	20000/- per month

## TRAINING & PLACEMENT ACTIVITIES

(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	DSA (Data Structures and Algorithms) Training	Coign Consultants Pvt. Ltd	20.05.2024 to 06.06.2024 (16 Days)



Data Structures & Algorithms Training

## 2. NSS ACTIVITIES

S. No.	Date	Name Of the	Program Details	No. of Participant	Page Numbers
1	4/4/2024	Blood donation camp	Organized Blood Donation Camp in collaboration	250	38-40
2	8/5/2024	Thalassemia	NSS Unit organized a Thalassemia awareness program, educating	250	30-37
3	10/5/20...	Drug Awareness & Pledge	NSS has organized a Drug Awareness campaign, educating	250	21-29
4	15-06-2024	Akshaya Patra	Students visited Akshaya Patra Foundation and	50	16-20
5	22-06-2024	International Yoga Day	International Yoga Day was organized by the NSS Unit to promote physical, mental,	216	1/15/20...

## 2. NSS ACTIVITIES



**వంజీవిటీ కాలేజీలో రక్తదాను శిజరం ఏర్పాటు ప్రస్తావాల్స్ చంద్రమాపుల్ రెడ్డి నవోదయాం-సెట్టింగ్**

మంజీవిటీ కాలేజీలో ఇంచ రక్తదాను శిజరం ఏర్పాటు చేయాలని గుర్తొందిగా మంజీవిటీ కాలేజీలో రక్తదాను ప్రస్తావాల్స్ చంద్రమాపుల్ రెడ్డి రెడ్డి రక్తదాను శిజరం ప్రియంబించాడు. ఈ సందర్భంలో పాఠ్యాంగ్యాలు యించే రక్త దాను చేయడం పర్యావరణానుమతించాయి. రక్తదానులో రైన్ వ్హిప్సాల్ రెడ్డి, ఎస్టోన్ ప్రైవ్యూట్ ఎంబ్స్ టెంపుల్స్, ప్రైవ్ ప్రైవ్ ల్యూట్ ఆస్ట్రోల్ నియ్యూ బాయ్స్ట్ రపిట్స్ లు పాఠ్యాంగ్యాలు.

Date: 05/04/2024, Edition: RANGAREDDY, Page: 2  
Source: <https://epaper.navitelangana.com/>

Date of Activity: 04th April 2024  
No. of students participated: 250  
Name of the Event: Blood donation camp



**తలస్సమియాప్ లవగాపాన**

ప్రస్తావం, మిచి క్లాస్టర్స్ లో నిర్వహించబడుతున్న ప్రస్తావం కు ప్రస్తావం చేయాలని గుర్తొందిగా మాంజీవిటీ కాలేజీలో రక్తదాను ప్రస్తావాల్స్ చంద్రమాపుల్ రెడ్డి రెడ్డి రక్తదాను శిజరం ప్రియంబించాడు. ఈ సందర్భంలో పాఠ్యాంగ్యాలు యించే రక్త దాను చేయడం పర్యావరణానుమతించాయి. రక్తదానులో రైన్ వ్హిప్సాల్ రెడ్డి, ఎస్టోన్ ప్రైవ్యూట్ ఎంబ్స్ టెంపుల్స్, ప్రైవ్ ప్రైవ్ ల్యూట్ ఆస్ట్రోల్ నియ్యూ బాయ్స్ట్ రపిట్స్ లు పాఠ్యాంగ్యాలు.



**What is Thalassemia**

Hyderabad, TG, India  
Pipe Line Road, Kukatpally, Hyderabad, 500075, TG, India  
Lat: 17.391403, Long: 78.324905  
05/05/2024 11:30 AM GMT+05:30  
Note: Captured by GPS Map Camera

Date of Activity: 08th May 2024  
No. of students participated: 250  
Name of the Event: Thalassemia

## 2. NSS ACTIVITIES



మచ్చికండ: ఉప్పునారి  
 ప్ర్రీము అంబాయి పరీకీ  
 ఏవితం రామం అవుటుంద  
 గి, అనేక గరోగ్రు నమస్కృ  
 లతో పాటు, రఘుం దృష్టిలో నిందితుయా నిలచార్పి వస్తుంది  
 రాప్పు యూటి నార్స్‌ప్రెస్ య్యార్స్ చమిషసర్ శర్కెండ్ర షాట్  
 అన్నాయ, గండిష్టులోని చుప్పుత్యాంటి ఎన్నిట్యాల్ లభి విక్షా  
 లతీ(ఎంకేషటీ)లో శుక్రవారం విద్యుద్యులు ప్ర్రీము అంబాపున  
 సదస్సు నిర్మించారు, రావ్యుషమారి ముఖ్య లభింగా ప్రేషిం  
 ఆయన మాటలుంపు ద్ర్వీ వాటంతో ఇప్పటి ఎంతో మంది  
 దుష్టులూచాలు వస్తుర్చయినాయ, వాటి వాటమంతో పెదటు  
 శిరిం వినిటితులో మార్పు వద్ది అనేక నమస్కలను ఎదుర్కొంటు  
 న్నారిశాయ, ప్ర్రీము నిచ్చువించెందుం ద్రథుండు, లీపింగా  
 ప్రేశ్‌క్రి చర్చులు తీపుటింయిందిశ్శాయ, అనేక మంది లాశ్చు శే  
 క్రైయలు పంపాయినాయ, ప్ర్రీము వారింగా, అమ్మిగా రఘు రింగా  
 చర్చులు తన్నిషాయ, విద్యుద్యులు ప్ర్రీము ఎలా ఉంపాలు దేశ  
 మంచుశాయ, వాటిని ఉంపాలు చెంది కలిగి దుష్టులుల్కి పచ్చి  
 పాయింట్ ప్రతింపిన్ ద్వారా నిపండించారు, రావ్యుషమంలో  
 కొండల ద్రీస్‌పార్ట్ రాక్రెట్ ల, నంద్రమోహన్‌సెడ్, దీస్‌స్టు సుఖ  
 రామింద్రె, రమేష్, ఎన్‌సుమ్రె దీ, శ్రీవిశ్వ, కొండ ఎన్‌సుమ్రె  
 ప్రేరాం ఆధికారి శార్లె క.మార్పిల్ పారిశాయ.

11/05/2024 | Hyderabad(Hyderabad District) | Page : 4  
Source : <https://epaper.sakshi.com/>

Date of Activity: 10th May 2024  
No. of students participated: 250  
Name of the Event: Drug Awareness & Pledge

## 2. NSS ACTIVITIES



Date of Activity: 15th June 2024

No. of students participated: 50

Name of the Event: Akshaya Para



Date of Activity: 21th June 2024

No. of students participated: 250

Name of the Event: International Yoga Day

### 3. CLUB ACTIVITIES

a. Various activities organized by the student clubs

i. Events organized

(Duration, No. of participants, Winners and Runners up details)



1. Dance club students- Beat cruisers participated in Dance Competition (Nritya) at BVRIT as a part of their Annual Day Celebrations – 2024 at B V Raju Institute of Technology (BVRIT), Narsapur, Hyderabad on 25-04-2024. MGIT are the runners in the Dance Competition (Nritya).



1. Competition held in Sreenidhi Institute of Technology (SNIST), Hyderabad on 03-05-2024 Dance club students – Beat Cruisers have participated in Nrithya - Inter College Dance

## 4 (I) DEPARTMENTAL ACTIVITIES

### CIVIL

#### (i) Department achievements:

a. Workshops, Seminars, Conferences, Guest Lectures, Training programmes organized:

1. Civil Engineering Department had organised a One Day Workshop on “Recent Trends in Sustainable Technologies in Civil Engineering” for UG students on 26.06.2024, addressed by I. Dr. B.D.V. Chandra Mohan Rao, Professor, VNRVJIET, Hyderabad.
- II. Dr. V. Venkat Ramayya, Assoc. Professor, Department of Civil Engineering, MGIT.
- III. Ms. B. Radha Kiranmaya, Research Scholar, BITS Hyderabad.



2. Civil Engineering Department had organised a Field Visit to "Okno Modhomes experience centre" at Janwada, Telangana on 22.06.2024 for IV SEM B.Tech & II SEM M.Tech Students.



3. Civil Engineering Department had organised Field a Visit to Water Treatment Plant, Mission Bhagiratha Grid Division, Parigi on 20.06.2024 for VI Semester B.Tech Students.

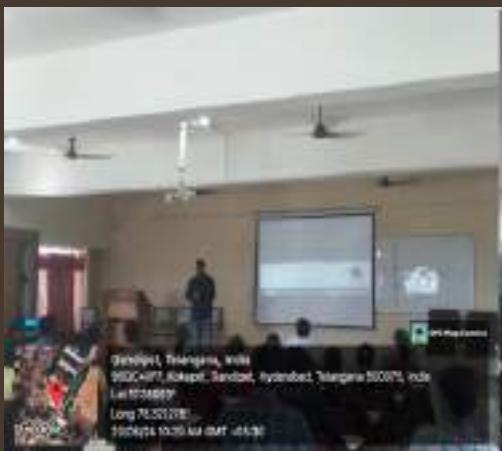


## 4 (I) DEPARTMENTAL ACTIVITIES

### EEE

#### (i) Department achievements:

1. The Department has conducted a guest lecture on “Introduction to Power System Analysis using ETAP software” on 19-06-2024 by Dr.B.Koti Reddy, Scientific Officer, Heavy Water Plant , Manuguru.
2. The Department has conducted a guest lecture on “BioSensors Development” on 20-06-2024 by Dr. Shiv Govind, HoD, IIT , Hyderabad.



#### INDUSTRIAL VISITS:



1. THE DEPARTMENT HAS ORGANISED SITE VISIT TO "AKSHAYAPATRA FOUNDATION, KOKAPET" FOR B.TECH VI SEM STUDENTS ON 15-06-2024

## 4 (I) DEPARTMENTAL ACTIVITIES

### ECE

#### (i) Department achievements:

ALUMINI MEET organized on 10/05/2024

- **VLSI** (Very Large Scale Integration) is the process of designing and fabricating complex integrated circuits (ICs) with millions to billions of transistors.
- Found in microprocessors, memory chips, and SoCs (System-on-Chip).
- **Evolution of VLSI:**
  - SSI (Small Scale Integration) → MSI (Medium Scale Integration) → LSI (Large Scale Integration) → VLSI → ULSI (Ultra Large Scale Integration)
- **Applications:**
  - Microprocessors, AI chips, GPUs, FPGAs, Embedded Systems, IoT, Automotive, and 5G devices.

**Digital Design:** Logic Gates, Flip-Flops, Multiplexers, Counters, FSMs

- ◆ Analog Design: MOSFETs, Op-Amps, ADC/DAC, PLL
- ◆ Semiconductor Physics: CMOS Technology, Fabrication, Transistor Scaling
- ◆ EDA (Electronic Design Automation) Tools: Cadence, Synopsys, Mentor Graphics



ECE Dept. conducted an Alumni talk on “Circuit Chronicles: A Journey into VLSI Awareness” for undergraduate students on 10-05-2024 by B.Tejasri, Senior physical design engineer, SoCtronics technology pvt ltd.

## 4 (I) DEPARTMENTAL ACTIVITIES

### CSE

#### (i) Department achievements:

1. “Big Data Analytics”, 3-days, Workshop, Dr P Ram Mohan Rao, Associate Professor, Spoorthy Engineering College Hyderabad, 80 participants from outside MGIT and Inside MGIT.



The Department of Computer Science and Engineering conducted a Three-day National Level Workshop on “Big Data Analytics” from 20th June to 22nd June 2024. The workshop was attended by 80 participants, including faculty from the CSE, IT, ET, and ECE departments of MGIT.

## 4 (I) DEPARTMENTAL ACTIVITIES

IT

### **(i) Department achievements:**

a. Workshops, Seminars, Conferences, Guest Lectures, Training programmes organized: Title, duration, Nature of the event, details of the speakers, No. of participants from outside MGIT and Inside MGIT.

1. The Training Program on “Programming Essentials in Python” was conducted from April 1, 2024, to April 3, 2024, by the Department of IT in association with TASK at Mahatma Gandhi Institute of Technology. The event was a training program led by Mr. V. Rakesh and held in D-208.

The program was exclusively designed for TASK-registered students of IV Semester IT & CSB and VI Semester CSB & IT

2. The Training Program on “21st Century Transferable Skills” was conducted from

May 1, 2024, to May 3, 2024, by the Department of IT in association with TASK at Mahatma Gandhi Institute of Technology. This training program was led by Rama Manoj Goud Pydipelly, Technical Trainer, and held in C-102. The program was specifically designed for TASK-registered students of IV Semester IT & CSB.

b. New Staff Details: Name of the faculty, designation, date of joining

c. Collaborative R&D activities (Joint Research Papers, Patents etc. published IEEE format): Author initials. Last name, "Article title," Journal Name, vol. Volume, no. Number, pp. Page range, Month Year, DOI.

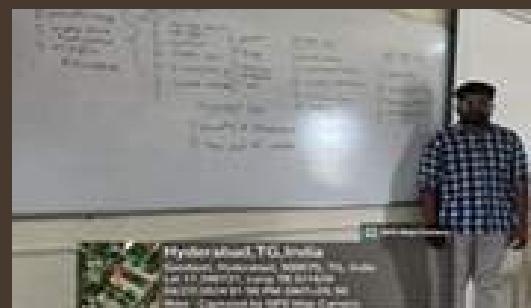
d. Research projects (Joint) : Title of the project, collaborating faculty details, funding agency details, amount of funding

e. Consultancy Work (Joint): Title of the work, collaborating faculty details, client organization details, amount of consultancy.

f.Tech Fests: Events organised, No of Participants etc.

Alumni activities (Placement assistance, invited talk, Extension of Technical collaboration, etc.): Alumni name, affiliation details, nature of support and date

2. The Guest Lecture on “Search Engine Optimization” was conducted on April 27, 2024, by the Department of IT at Mahatma Gandhi Institute of Technology. This guest lecture was delivered by Mr. Srujan Babu Yamasani, Software Developer at DLF (Co-Working Labs), Hyderabad. The session was specifically designed for II Semester IT students.



## 4 (I) DEPARTMENTAL ACTIVITIES

### ET

#### EVENTS ORGANIZED:

1.“An industrial workshop for all the third year students of Emerging Technologies (CSM & CSD) on Artificial Intelligence and Data Science”, 22<sup>nd</sup> April to 30<sup>th</sup> April 2024, Workshop, Consensus Academy, 150 students of MGIT.

#### **Report on Industrial Training and Certification Program with Consensus on “AI/ML” and “Data Science”**

The Industrial Training and Certification Program on Artificial Intelligence (AI), Machine Learning (ML), and Data Science was successfully conducted from April 22 to April 30, 2024, at Mahatma Gandhi Institute of Technology (Autonomous). The program was specifically designed for VI Semester students of the Emerging Technologies (ET) department to enhance their technical proficiency and industry readiness.

The training sessions were led by industry experts Manu Thambi (Data Science, Consensus Academy) and Janarthannan R (AI/ML, Consensus Academy). Over the course of eight days, students gained hands-on experience with cutting-edge tools, algorithms, and real-world applications in AI and Data Science.

Highlights of the program were:

- Comprehensive theoretical sessions on AI, ML, and Data Science concepts.
- Hands-on training with industry-relevant datasets and frameworks.
- Practical implementation of machine learning models and data analysis techniques.
- Interactive discussions and Q&A sessions with trainers.

The training took place at A-207 and A-213 within the MGIT campus, providing students with an engaging learning environment. The program concluded with a certification ceremony, recognizing participants' efforts and newly acquired skills.

The initiative successfully bridged the gap between academic learning and industry practices, equipping students with essential AI and Data Science competencies



## 4(II) - FACULTY ACHIEVEMENTS:

### Civil

- a. Dr. Sreeteja Bala Padmaja, Assistant Professor, Civil Engineering Department, has been awarded Doctor of philosophy in Civil Engineering from JNTU Hyderabad held in May 2024, for the thesis entitled "Stability Analysis of Slopes using Catastrophe Theory".
- b. Dr.T.Siva Shankar Reddy, Associate Professor, Civil Engineering Department, Published a Patent titled "Development of light weight Polystyrene Concrete with Fibers" Patent on 03.05.2024, No.20241030017.
- c. Dr.V.Venkat Ramayya, Associate Professor, Civil Engineering Department, Reviewed research article titled "Factors Influencing the Rheological Characteristics of Modified Corn Stalk Fiber Asphalt Mortar." In Jordan Journal of Civil Engineering.
- d. Dr.V.Venkat Ramayya, Associate Professor, Civil Engineering Department, Submitted Review comments for two technical papers in International journals and acceptance is awaited
  - 1. International Journal of Pavement Research & Technology.
  - 2. International Journal of Traffic and Transportation Engineering.

### EEE

- Dr.P.Ram Kishore Kumar Reddy, published an article "A Novel Approach for battery Management Systems for Electric Vehicles based on CNN-BiGRU Model", in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024
- Dr.P.Nagasekhar Reddy, published an article "A Novel Approach for battery Management Systems for Electric Vehicles based on CNN-BiGRU Model", in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024
- Dr.P.Nagasekhar Reddy, published an article "Short term Electric Vehicle charging load forecasting in low-quality data environments using CNN-SM approach", in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024
- Mrs.N.Madhuri, published an article "Fault tolerant Shunt active power filter with synchronous reference frame control and self-tuning filter", in Measurement Sensors Journal in April 2024

## 4(II) - FACULTY ACHIEVEMENTS:

### ECE

Patent applied on 10/05/2024 with title "Artificial intelligence and Machine learning: A Model for Enhancing Faculty Performance Reliability is the proposed invention". The proposed invention focuses on understanding how the performance and reliability of teaching faculty can be enhanced. The invention focuses on analyzing the parameters of faculty performance.

### IT

1. D. Vijaya Lakshmi, "HASH: Decentralized Messaging Application Using Smart Contracts," IJIRT, vol. 10, no. 12, May 2024.
2. D. Vijaya Lakshmi, "Design and Implementation of Emotion-Based Music Recommendation System," International Journal of Research and Analytical Reviews, vol. 11, no. 2, May 2024.
3. D. Vijaya Lakshmi, "AI Guidance for Blind People," International Journal of Innovative Research in Technology (IJIRT), vol. 10, no. 12, May 2024.
4. M. Rudra Kumar, "Seeing with Sound: Neural Networks and Deep Learning for Indian Currency Recognition," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, May 2024.
5. M. Rudra Kumar, "Cancer Cell Segmentation and Detection Using Machine Learning," African Journal of Biological Science, vol. 6, no. Si2, pp. 1445-1453, 2024. doi: 10.33472/AFJBS.6.Si2.2024.
6. A. V. L. Prasuna, "Enhanced Customer Segmentation Through XGBoost Classifier: A Novel Approach to Marketing Insight," African Journal of Biological Sciences, vol. 6, no. 9, pp. 2085-2091, 2024. doi: 10.33472/AFJBS.6.9.2024.
7. A. V. L. Prasuna, "Alertness Tracker for Drowsy Driving System," IJRAR, vol. 11, no. 2, May 2024.
8. A. V. L. Prasuna, "E-Waste Facility Locator," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 04, Apr. 2024.
9. U. Chaitanya, "Human Pose Recognition Using Deep Learning," African Journal of Biological Sciences, vol. 6, no. 9, pp. 2092-2102, 2024. doi: 10.33472/AFJBS.6.9.2024.
10. U. Chaitanya, "Survey on Multimodal Authentication System with Gender Classification," International Journal of Research Publication and Reviews, vol. 5, no. 5, pp. 5007-5009, May 2024.

## 4(II) - FACULTY ACHIEVEMENTS:

11. U. Chaitanya, "Multimodal Authentication System with Gender Classification," International Journal for Multidisciplinary Research, vol. 6, no. 3, pp. 1-7, May-June 2024.
12. U. Chaitanya, "Survey on Comparison of Brain Age with Human Age," International Journal of Research Publication and Reviews, vol. 5, no. 5, pp. 6767-6769, May 2024.
13. N. Sree Divya, "Green Sight: AI-Enhanced Plant Care, Crop Recommendations, and Tailored Fertilization," International Journal of Innovative Research in Technology, vol. 10, no. 12, pp. 1731-1738, May 2024.
14. N. Sree Divya, "AI Assistance for Healthcare Using NLP," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, pp. 1-7, May 2024.
15. J. Hima Bindu, "Revolutionizing Road Maintenance - Road Failure Detection System," JETIR, vol. 11, no. 5, May 2024.
16. J. Hima Bindu, "Neurovision: Deep Learning Approach for Brain Tumor Identification," African Journal of Biological Sciences, vol. 6, no. 9, pp. 2092-2102, 2024. doi: 10.33472/AFJBS.6.9.2024.
17. J. Hima Bindu, "Deep Learning Analysis of 3D Volume of Brain Anatomy Using MRI," International Journal for Multidisciplinary Research (IJFMR), vol. 6, no. 3, May-June 2024.
18. B. Meenakshi, "Enhancing Loan Prediction Accuracy: A Comparative Analysis of Machine Learning Algorithms with XAI Integration," International Journal of Scientific Research in Engineering and Management (IJSREM), vol. 08, no. 05, May 2024.
19. B. Meenakshi, "Crime Detection Using RESNET-50," JETIR, vol. 11, no. 5, May 2024.
20. B. Meenakshi, "Video Forgery Identification Application," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 04, Apr. 2024.
21. Ch. Lakshmi Kumari, "Enhancement of Aquatic Visuals," IJSREM, vol. 08, no. 04, Apr. 2024.
22. Ch. Lakshmi Kumari, "Gas Level Detection and Automatic Booking Notification," IJSREM, vol. 08, no. 04, Apr. 2024.
23. Ch. Lakshmi Kumari, "EMOJIFY," IJFMR, vol. 6, no. 2, May-June 2024.
24. B. Swetha, "Phishing Website Detection Through Website Traffic Using Machine Learning," IJIRT, vol. 10, no. 12, May 2024.
25. B. Swetha, "Child Safety and Vital Tracking Using IoT," IJSREM, vol. 08, no. 04, Apr. 2024.
26. C. Sudha, "Research Hub: Unveiling Connections and Recommendations," Scope, vol. 14, no. 02, June 2024.
- 26, 2024.

## 4(II) - FACULTY ACHIEVEMENTS:

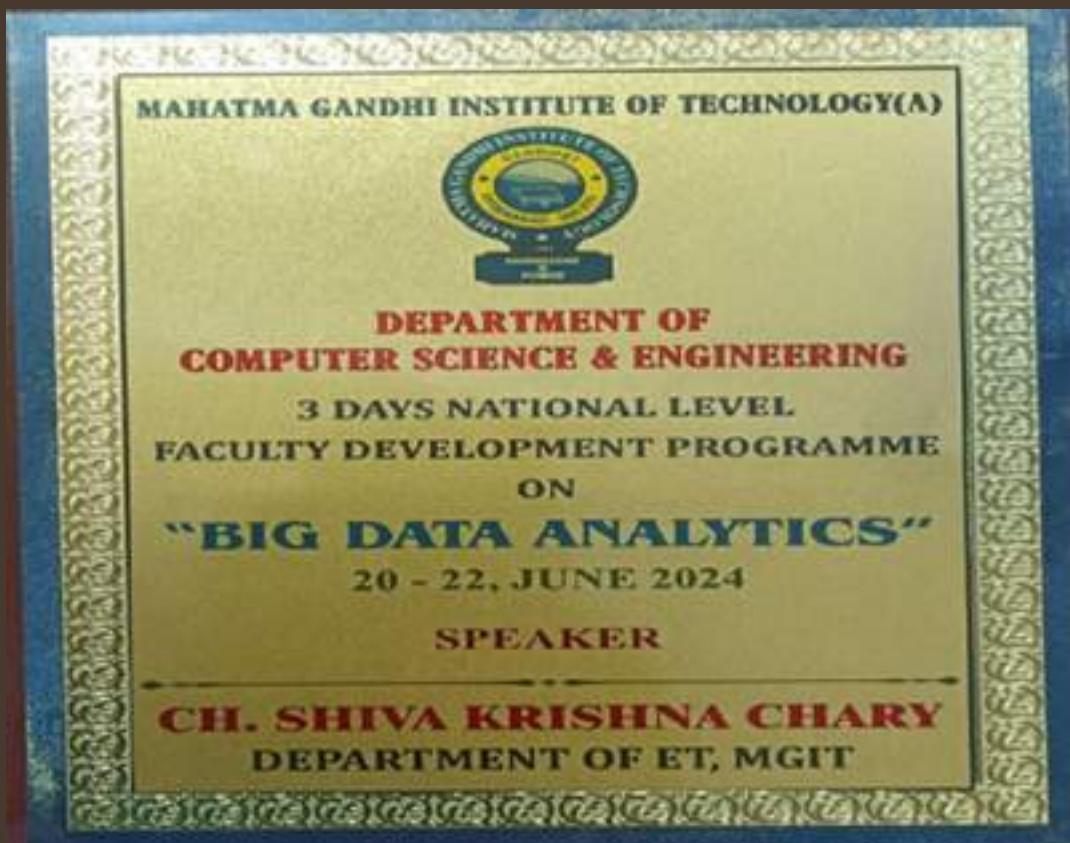
27. B. Lokesh, "Intelligent Facial Skin Care Recommendation System," African Journal of Biological Sciences, vol. 6, no. 9, pp. 2092-2102, 2024. doi: 10.33472/AFJBS.6.9.2024.
28. V. Veena, "Helmet Rule Violation Detection Using Deep Learning," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, May 2024.
29. A. Amulya, "Insurance Amount Prediction Based on Accidental Car Damage Level Using CNN," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, May 2024.
30. A. Amulya, "Smart Hire-Based System," IJRAR, vol. 11, no. 2, May 2024.
31. M. Varalakshmi, "Deepfake Detection Using LSTM & ResNeXt-50," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, May 2024.
32. M. Varalakshmi, "Stress Tracking and Relieving System," IJSREM, vol. 08, no. 05, May 2024, pp. 1-7.
33. M. Varalakshmi, "Data-Driven Face Mask Detection and Alert System Utilizing Haar Cascade Classifier," IJSREM, vol. 08, no. 05, May 2024, pp. 1-7.
34. R. V. Lakshmi, "Predict Future Business Sales Forecasting Using Machine Learning," International Journal of Scientific Research in Engineering and Management, vol. 08, no. 05, May 2024.
35. R. V. Lakshmi, "Interactive Way of Controlling Presentation Using Hand Gestures," International Journal of Novel Research and Development, vol. 9, no. 5, May 2024.
36. R. Vijaya Lakshmi presented and published the paper "Interactive Way of Controlling Presentation Using Hand Gestures" at ICLTSET '24, an ISTE-sponsored International Conference on Sentiment Analysis and Deep Learning, held at Karpagam Institute of Technology on April 26, 2024

## ET

1. M. Rama Bai, D. Deepika, Siddharth Aelpula, Gandam Revan, "Enhancing Neural Style Transfer through Integration with Machine Learning Operations Principles", International Journal of Advanced Research in Computer and Communication Engineering Impact Factor 8.102, Peer-reviewed & Refereed journal, Vol. 13, Issue 5, May 2024 DOI: 10.17148/IJARCCE.2024.13550, ISSN (O) 2278-1021, ISSN (P) 2319-5940, <https://ijarcce.com/>.

## 4(II) - FACULTY ACHIEVEMENTS:

1. M Rama Bai, J Sreedevi, Abhijith Korukonda, Iragavarapu Sri Rama Saketh, “Real-Time Human Fall Detection using YOLOv8 and OpenCV”, International Journal of Advanced Research in Computer and Communication Engineering, Impact Factor 8.102, Peer-reviewed & Refereed journal, Vol. 13, Issue 5, May 2024, DOI: 10.17148/IJARCCE.2024.13549, ISSN(O) 2278-1021, ISSN(P) 2319-5940, <https://ijarcce.com/>.
2. A.Kruthika, Dr.M. Rama Bai, “Revolutionizing crowdfunding with Trusted Blockchain Platform”, JETIR, Volume 11, Issue 6 ISSN-2349-5162, ISSN-2349-5162), UGC Approved, June 2024, Impact Factor 7.85, <https://www.jetir.org/papers/JETIR2406432.pdf>, <https://jetir.org/>.
3. K.Manichandana, Dr.M.Rama Bai, “Inappropriate Content Detection and Classification of YouTube Videos”, GIS Science Journal, Vol 11, Issue 2, PAGE NO: 78-83, ISSN No. 1869-9391, Scopus, Impact Factor 8.3, DOI:20.18001.GSJ.2022.V11I2.24.4118367, <https://gisscience.net/>.  
Mr. Ch. Shiva Krishna Chary has served as a resource person for Three days National Level Faculty Development Programme on “Big Data Analytics” organized by CSE Department, MGIT held during 20th June to 22nd June 2024



## **4(II) - FACULTY ACHIEVEMENTS:**

### **M&H**

The following faculty members of M&H, have published / presented papers in both National and International Conferences / Seminars:

- i. V. Mohan, Presented a research paper titled, “Exploring the Intersection of Instagram Poetry and Literary Texts: A Case Study of Rupi Kaur’s ‘Milk and Honey’” Organized by National Institute of Technology, Warangal. 28th -30th May.
- ii. Dr. Gousia Sultana, published a paper titled, “Resilience Refuge in Sonia Deryangala’s Wave” in International Journal of Religion (IJOR).
- iii. Dr. Gousia Sultana, published a paper titled, “Neo feminism in Chetan Bhagat’s One Indian Girl”, in International Journal of Religion (IJOR).

The following faculty members participated in National and International Conferences / Seminars / Workshops/ FDPs:

1. Mr. K Jayaramudu, participated in a Webinar titled, “Social Media's Impact on Anglophone: literature”, on 26-05-2024.
2. Mr. K Jayaramudu, participated in a Webinar titled, “Interdisciplinary Approach to Language Teaching”, on 30-06-2024

### **P&C**

1. U Chalapathi, C Hemalatha, S Alhammadi, R Dhanalakshmi, G Srinivas Reddy, A Divya “Impact of stacking sequence and sulfurization duration on the growth of pyrargyrite Ag<sub>3</sub>SbS<sub>3</sub> absorber layers” Journal of Solid State Chemistry, Volume 338, 124832, October 2024, <https://doi.org/10.1016/j.jssc.2024.124832>.
2. E. G. Satish, N. Mahesh, R. R. Al-Fatlawy, G. Srinivas Reddy and S. K. S, “Remote Sensing Image Scene Classification Based on an Enhanced Attention Module”, IEEE conference: 2024 International Conference on Distributed Computing and Optimization Techniques (ICDCOT), Bengaluru, India, 2024 <https://doi.org/10.1109/ICDCOT61034.2024.10515887>,
3. Susmita Mandal, Archana Jain,\* and Tarun K. Panda\* “Green Synthesis of Thioamide Derivatives in Environmentally Benign Deep Eutectic Solvent (DES)” RSC Sustainability, May 2024 2, 2249–2255 2753-8125.
4. Bireddy Srinivasa Reddy and Pramod Kumar Dubey, Regulatory and Patenting aspects of Chiral Drugs Resonance May-2024 29(4)557-571, 0971-8044 (print) 0973-712X (web)
5. Kishore Kumar Anantouju, Srinivasa Reddy Bireddy, Laxminarayana Eppakayala “An efficient synthesis and anticancer evaluation of 1,2,3- triazolo-indole-2-carboxylate derivatives” Results in Chemistry, May 2024 7(101536)1-5 2211-7156.

## 4(III) - FACULTY ACHIEVEMENTS:

### ET

1.Ten students of ET department (CSM & CSD) visited National Informatics Centre, Hyderabad as Industrial Visit – explored their High-end Infrastructure, 15<sup>th</sup> June 2024, NIC Hyderabad.

On June 15, 2024, students from the Emerging Technologies Department had the opportunity to visit the National Informatics Centre (NIC), Hyderabad. On the visit we got to know that, NIC is a pivotal organization in developing and maintaining digital solutions for the Indian government.

During our visit, we were introduced to various ongoing projects and learned about the technologies NIC employs, such as cybersecurity, cloud computing, and big data analytics. We also saw how NIC's solutions improve the efficiency of public services, like e-governance and digital public infrastructure.

The staff at NIC provided us with detailed presentations and demonstrations, showing us how their work supports various government departments. This visit was incredibly enlightening as it provided us with a real-world understanding of how technology is used to solve practical problems and enhance public services. It also inspired us to think about how we can apply our skills in the field of technology for societal benefit. Overall, it was a highly educational experience that enriched our academic journey.

