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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.

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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 collaboratio	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

నవతెలంగాణ

ఎంజీఐటీ కాలేజీలో రక్తదాన శిబిరం ఏర్పాటు

ప్రిన్సిపాల్ చంద్రమోహన్ రెడ్డి

నవతెలంగాణ-గండిపేట్

ఎంజీఐటీ ఇంజనీరింగ్ కాలేజీలో ఉచిత రక్తదాన శిబిరాన్ని ఏర్పాటు చేశారు. గురువారం గండిపేటలోని ఎంజీఐటీ ఇంజనీరింగ్ కాలేజీ ప్రిన్సిపాల్ డాక్టర్ ప్రొఫెసర్ చంద్రమోహన్ రెడ్డి రక్తదాన శిబిరాన్ని ప్రారంభించారు. ఈ సందర్భంగా వారు మాట్లాడుతూ యువత రక్త దాన చేయడం అభినందనీయమన్నారు. కార్యక్రమంలో వైస్ ప్రిన్సిపాల్ రెడ్డి, ఎన్ఎస్ఎస్ ప్రోగ్రామ్ ఆఫీసర్ జి బాలరాజ్‌రెడ్డి, ప్రతిభ సాయి బ్లడ్ బ్యాంక్ సభ్యులు అమర్నాథ్ తదితరులు పాల్గొన్నారు.

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

ABN ఆంధ్రజ్యోతి

అవగాహన సదస్సులో పాల్గొన్న విద్యార్థులు

తలసేమియాపై అవగాహన

నార్సింగ్, మే 8 (ఆంధ్రజ్యోతి): మహాత్మాగాంధీ ఇన్‌స్టిట్యూట్ ఆఫ్ టెక్నాలజీ కళాశాలలో బుధవారం తలసేమియాపై అవగాహన సదస్సు నిర్వహించారు. ముఖ్యఅతిథిగా కళాశాల ప్రిన్సిపాల్ ప్రొఫెసర్ జి.చంద్రమోహన్‌రెడ్డి హాజరయ్యారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ తలసేమియాతో బాధపడుతున్న వారిని చూసి హేళన చేయకుండా ధైర్యాన్ని అందించాలని విద్యార్థులకు సూచించారు. మరో ముఖ్య అతిథి, బ్లడ్ వారియర్స్ సంస్థ ప్రతినిధి కృష్ణ మాట్లాడుతూ తలసేమియా ఎలా వ్యాప్తి చెందుతుందో వివరించారు. కార్యక్రమంలో డాక్టర్

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

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

2. NSS ACTIVITIES

ABN ఆంధ్రజ్యోతి

విద్యార్థులకు డ్రగ్స్‌పై అవగాహన

నార్సింగ్, మే 10 (ఆంధ్రజ్యోతి): టీఎస్‌ఎన్‌ఏబీ వారి ఆధ్వర్యంలో శుక్రవారం ఎంజీఐటీ ఇంజనీరింగ్ కళాశాలలో డ్రగ్స్‌పై అవగాహన కార్యక్రమాన్ని నిర్వహించారు. ముఖ్య అతిథిగా టీఎస్‌నాబ్ శాఖకు చెందిన శరత్‌చంద్ర పవార్ హాజరయ్యారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ డ్రగ్స్‌తో జరిగే అనర్థాల గురించి విద్యార్థులకు వివరించారు. ఒక్కసారి వాడితే కలిగే దుష్పలితాలను పవర్ పాయింట్ ప్రజెంటేషన్‌తో వివరించారు. విద్యార్థులు డ్రగ్స్‌కు దూరంగా ఉండాలని, విజ్ఞానంలో ముందుకు దూసుకెళ్లాలని సూచించారు. కార్యక్రమంలో ప్రొఫెసర్ చంద్రమోహన్‌రెడ్డి, డీఎస్పీ సుబ్బరామిరెడ్డి, ఇన్‌స్పెక్టర్ శ్రీనివాస్, డీఎస్పీ రమేశ్, విద్యార్థులు, ఎన్‌ఎస్‌ఎస్ ప్రోగాం అధికారులు డాక్టర్ జి.బాల్‌రెడ్డి తదితరులు పాల్గొన్నారు.

విద్యార్థులతో ప్రతిజ్ఞ చేయిస్తున్న టీఎస్‌నాబ్ శరత్‌చంద్ర పవార్, పోలీసులు

శనివారం మే 11, 2024

విద్యార్థులు మాదకద్రవ్యాలకు దూరంగా ఉండాలి

నార్సింగ్: మాదకద్రవ్యాలకు అలవాటు పడితే వాటి వల్ల కలిగే దుష్పభావాలు భీకరంగా ఉంటాయని, ప్రతి ఒక్కరు వాటికి దూరంగా ఉండటానికి ప్రయత్నించాలని టీఎస్ న్యాబ్ అధికారి శరత్‌చంద్ర పవార్ సూచించారు. ఆరోగ్యం నష్టపోవడమే కాకుండా సమాజంలో గౌరవ మర్యాదలు కోల్పోతారన్నారు. శుక్రవారం గండిపేట మహాత్మాగాంధీ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ(ఎంజీఐటీ) కళాశాల విద్యార్థులకు మాదక ద్రవ్యాలపై ఏర్పాటు చేసిన అవగాహన కార్యక్రమంలో ఆయన ముఖ్యఅతిథిగా హాజరై ప్రసంగించారు. కార్యక్రమంలో ప్రిన్సిపల్ ప్రొ.జి.చంద్రమోహన్‌రెడ్డి, డీఎస్పీలు సుబ్బరామిరెడ్డి, రమేష్, ఇన్‌స్పెక్టర్ రమేష్, ఎన్నెస్ప్ర్ ప్రోగ్రాం అధికారి బాల్‌రెడ్డి తదితరులు పాల్గొన్నారు.

విద్యార్థులతో ప్రతిజ్ఞ చేయిస్తున్న టీఎస్ న్యాబ్ అధికారులు

సాక్షి

డ్రగ్స్‌తో జీవితం బుగ్గిపాలు

టీఎస్ నాబ్ కమిషనర్ శరత్‌చంద్ర పవార్

మణికొండ: ఒక్కసారి డ్రగ్స్‌కు అలవాటు పడితే జీవితం నాశనం అవుతుందని, అనేక ఆరోగ్య సమస్యలతో పాటు, చట్టం దృష్టిలో నిందితులుగా నిలవాల్సి వస్తుందని రాష్ట్ర యాంటీ నార్కోటిక్స్ బ్యూరో కమిషనర్ శరత్‌చంద్ర పవార్ అన్నారు. గండిపేటలోని మహాత్మాగాంధీ ఇనిస్టిట్యూట్ ఆఫ్ టెక్నాలజీ(ఎంజీఐటీ)లో శుక్రవారం విద్యార్థులకు డ్రగ్స్‌పై అవగాహన సదస్సు నిర్వహించారు. కార్యక్రమానికి ముఖ్య అతిథిగా హాజరైన ఆయన మాట్లాడుతూ డ్రగ్స్ వాడకంతో ఇప్పటికే ఎంతో మందికి దుష్ప్రభావాలు వస్తున్నాయన్నారు. వాటి వాడటంతో మెదడు, శరీరం పనితీరులో మార్పు వచ్చి అనేక సమస్యలను ఎదుర్కొంటున్నారన్నారు. డ్రగ్స్‌ను నిర్మూలించేందుకు ప్రభుత్వం, టీఎస్‌నాబ్ ప్రత్యేక చర్యలు తీసుకుంటుందన్నారు. అనేక మందిని అరెస్టు చేసి జైలుకు పంపామన్నారు. డ్రగ్స్‌ను వాడినా, అమ్మినా చట్ట రీత్యా చర్యలు తప్పవన్నారు. విద్యార్థులు డ్రగ్స్‌ను ఎలా అలవాటు చేసుకుంటున్నారు, వాటిని అలవాటు పడితే కలిగే దుష్పలితాలపై పవర్ పాయింట్ ప్రజెంటేషన్ ద్వారా వివరించారు. కార్యక్రమంలో కళాశాల ప్రిన్సిపాల్ డాక్టర్ జి. చంద్రమోహన్‌రెడ్డి, డీఎస్పీలు సుబ్బరామిరెడ్డి, రమేష్, ఇన్‌స్పెక్టర్ టి. శ్రీనివాస్, కళాశాల ఎన్ఎస్ఎస్ ప్రోగ్రాం అధికారి డాక్టర్ జి.బాల్‌రెడ్డి పాల్గొన్నారు.

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 Kiranmaye, 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 19-06-2024by 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 " FORB.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”, 22nd April to 30th 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/.

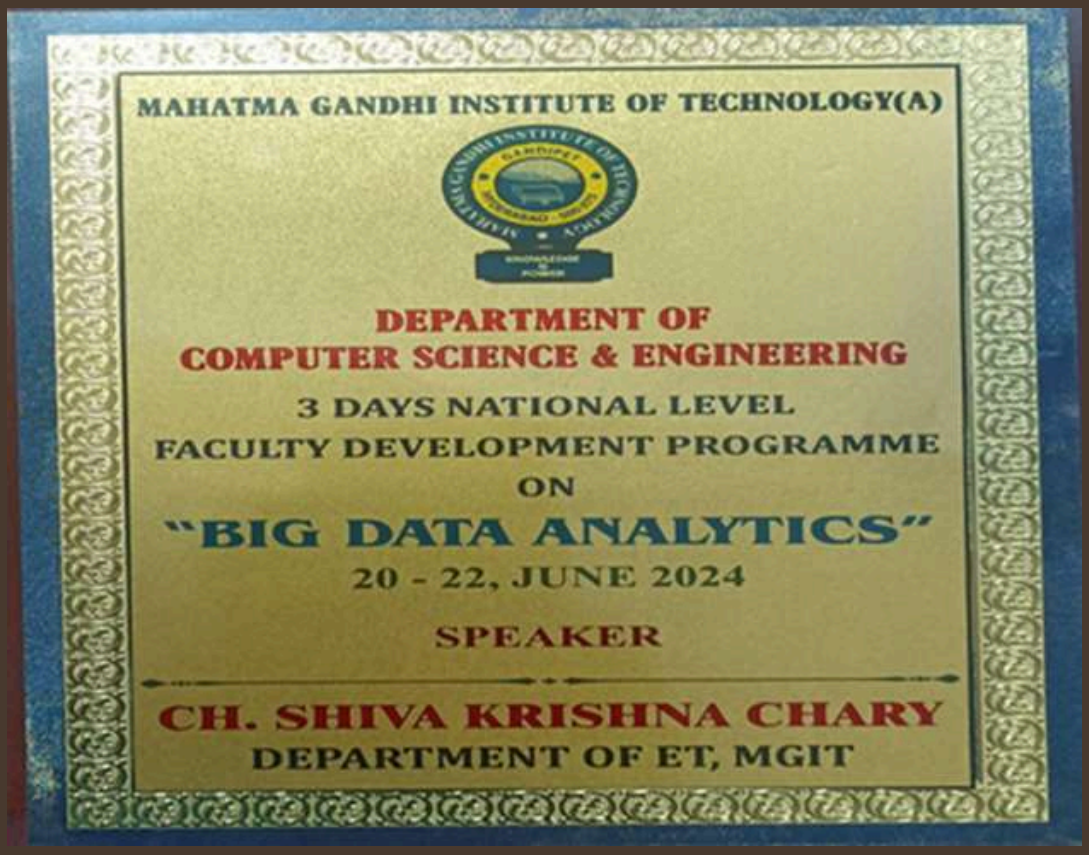
4(II) - FACULTY ACHIEVEMENTS:

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 Ag3SbS3 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 Anantoju, 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, 15th 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.