

**MADANAPALLE INSTITUTE
OF
TECHNOLOGY AND SCIENCE**

Annual Report

2022-23



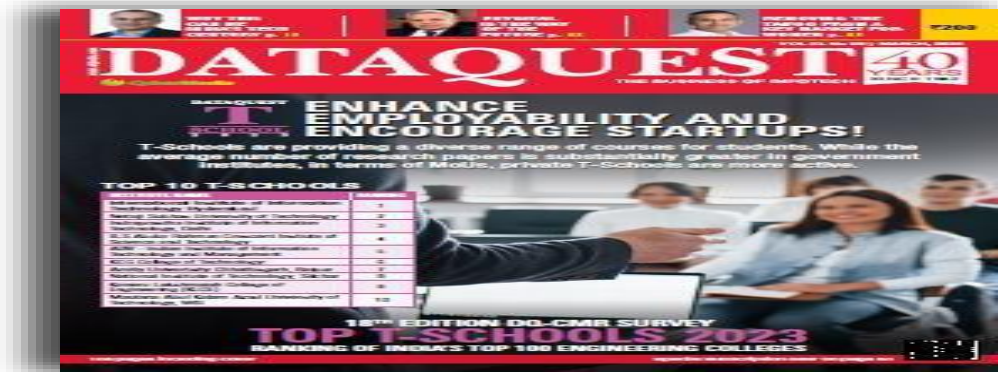
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1. COLLEGE NEWS

1.1 Accreditations

Madanapalle Institute of Technology & Science (MITS)

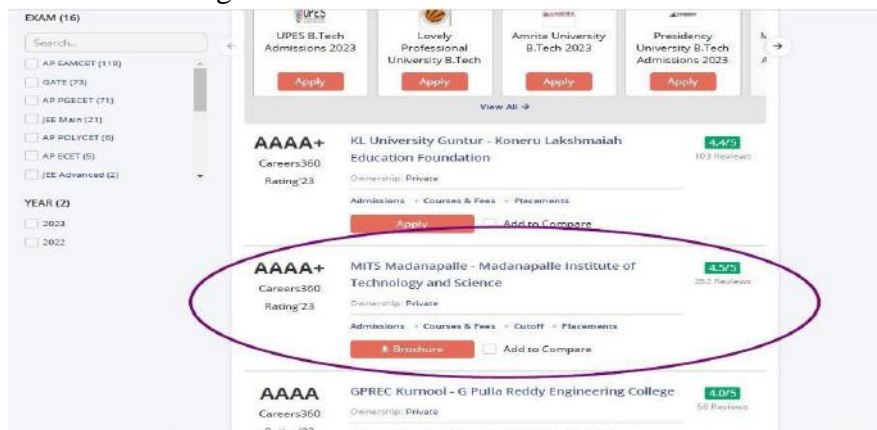
- MITS got 89th Position in Top 100 T-Schools in India (overall- government & private sector)
- 79th position in Top T-Schools in India 2023 (Private Sector)



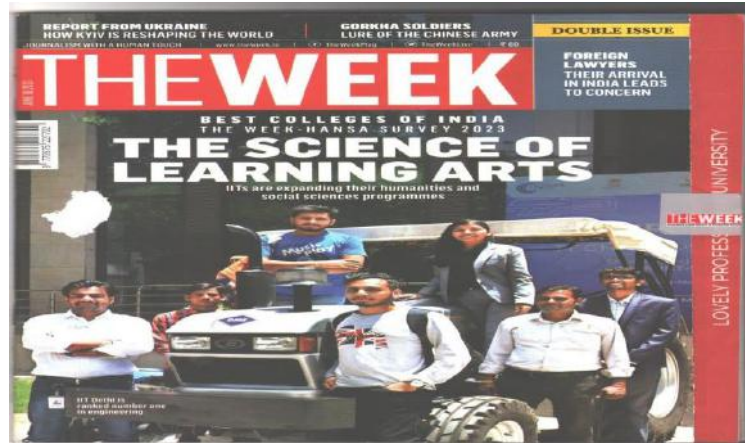
- Received AICTE 3600 Appreciation Certificate from AICTE on completion of AICTE 360 Degree Feedback portal



- MITS got AAAA+ Rating from Careers 360 in 2023



- In The Week-Hansa Research Rankings Survey 2023, MITS achieved All India Rank of 118, 78th Rank in South Region and 11th Rank in AP



1.2 Awards & Institutional Rankings

- MITS Community Radio Station was inaugurated by Prof. T. G. Sitharam, AICTE Chairman on 24th of June 2023.



- MITS NPTEL Local Chapter Secured ‘AAA’ Rating from SWAYAM NPTEL (amongst 4912 Colleges). MITS attained 06th position in the Nation and 5th position in Andhra Pradesh during the period July – Dec’ 2022



- MITS NPTEL Local Chapter secured ‘AA’ rating from SWAYAM NPTEL (amongst 4912 Colleges). MITS attained 11th position in the Nation and 5th position in Andhra Pradesh during the period Jan - April 2023



SWAYAM - NPTEL

Achievements of Students/Faculty in NPTEL online courses during 2022-23

- 155 Students have obtained NPTEL online course certifications during 2022-23.
- 18 Students topped in various courses in Swayam NPTEL during 2022-23.
- 3 Faculty members topped various courses in Swayam NPTEL during 2022-23.
- 15 Faculty Members have completed AICTE – NPTEL Faculty Development Programmes (FDP) during 2022-23.
- 2 Faculty members have acted as **Mentors** for various courses in NPTEL.

2. Guest Lectures, Workshops, Seminars, Webinars, Symposiums, FDP's, Industrial Visits & NSS Activities Organised

Guest Lectures:

1. A one day guest lecture on “**Latest trends in waterproofing and repair of concrete structures**” organized by the Department of Civil Engineering on 26.08.2022,
2. A one day guest lecture on “**About Salesforce Ecosystem in IT industry**” was organized by the Department of Mechanical Engineering on 10.09.2022.
3. A one day guest lecture on “**Solar Projects, Future Technology, Growth & Opportunities**” was organized by the Department of Electrical & Electronics Engineering on 17.09.2022,
4. A One Day Guest Lecture on “**Motivational Lecture for Civil Aspirants**” was organized by the Department of Electronics & Communication Engineering on 17.10.2022.
5. A One Day Guest Lecture on “**Sustainable Construction Practices**” was organized by the Department of Civil Engineering on 10.11.2022.
6. A One Day Guest Lecture on “**The Art of FPGA design for next Generation Technologies**” was organized by the Department of Electronics & Communication Engineering on 19.11.2022.

7. A One Day Guest Lecture on **“My Story – Motivational Session by a Start-up Founder”** was organized by the Department of Civil Engineering on 26.11.2022.
8. A One Day Guest Lecture on **“Dockers and Kubernetes the Art of Services”** was organized by the Department of Computer Science & Technology on 19.11.2022.
9. A One Day Guest Lecture on **“Career Opportunities in Software Testing”** was organized by the Department of Computer Science & Engineering on 03.12.2022,
10. A One Day Guest Lecture on **“Entrepreneurship Opportunities in VLSI”** was organized by the Department of Electronics & Communication Engineering on 03.12.2022.
11. A One Day Guest Lecture on **“Latest Trends in SOC”** was organized by the Department of Electronics & Communication Engineering on 03.12.2022.
12. A One Day Guest Lecture on **“Java Full Stack Web Development”** was organized by the Department of Computer Applications on 03.12.2022,
13. A One Day Guest Lecture on **“Leveraging Technology for Industry Based IT Trends”**, was organized by the Department of Computer Science & Engineering in association with IEEE, MITS Student Branch on 29.10.2022.
14. A One Day Guest Lecture on **“Career Opportunities in Software Testing”** was organized by the Department of Computer Science & Engineering on 03.12.2022.
15. A One Day Guest Lecture on **“Importance of Effective Communication Skills”** organized by the Department of English & Foreign Languages on 20.07.2022.
16. A One Day Guest Lecture on **“Job opportunities for mechanical engineers in the USA”** organized by Department of Mechanical Engineering on 13.12.2022.
17. A One Day Guest Lecture on **“Thermal Power Plant Engineering”** on 14.12.2022, was organized by the Department of Electrical & Electronics Engineering.
18. A One Day Guest Lecture on **“Low-Cost Housing”** was organized by the Department of Civil Engineering on 15.12.2022
19. A One Day Guest Lecture on **“Father of Community Radio in India”** was organized by the Department of Electronics & Communication Engineering on 17.12.2022
20. A One Day Guest Lecture on **“Design of Inverter for Micro-grid”** was organized by the Department of Electrical & Electronics Engineering on 17.12.2022
21. A One Day Guest Lecture on **“Current Environmental Cyber Crimes, Cyber Security & Cyber Evolution”** was organized by the Department of Computer Science & Engineering- AI & DS on 20.12.2022.
22. A One Day Guest Lecture on **“Integrated Photonic Devices for Optical Communication and Interconnects”** was organized by the Department of Electronics & Communication Engineering on 27.12.2022.
23. A One Day Guest Lecture on **“A talk on Entrepreneurship Skill, Attitude and Behavior Development”** was organized by the Department of Civil Engineering on 27.12.2022.
24. A One Day Guest Lecture on **“Intelligent Controller for Smart Integrated Wind and Solar based Hybrid Power Generation Scheme”** was organized by the Department of Electrical & Electronics Engineering on 14.10.2022,.
25. A One Day Guest Lecture on **“AI & ML”** was organized by the Department of Computer Science & Engineering on 05.01.2023
26. A One Day Guest Lecture on **“Linux and Databases”** was organized by Mr. D. Suresh, Assistant Professor, Department of CST on 07.01.2023.

27. A One Day Guest Lecture on “**Technical Aspects of Community Radio Station**” was organized by Dr Sathish Professor, Department of Electronics and Communication Engineering on 10.01.2023.
28. A One Day Guest Lecture on “**Insights of tasks in Data Science and AI**” was organized by Mr. K V V S Trinadh Naidu, Associate Professor, Dept. of AI & DS on 02.02.2023,
29. A One Day Guest Lecture on “**Artificial Intelligence in Health Care**” was organized by Dr K P Manikandan Assistant Professor Department of CSE on 08.02.2023,.
30. A One Day Guest Lecture on “**Machine Learning & its Applications**” was organized by Mr. N Naveen Assistant Professor Department of Computer Science & Technology. on 16.02.2023
31. A One Day Guest Lecture on “**AWS based Cloud Computing**” was organized by Mr. K Giridhar, Assistant Professor, Department of Computer Science & Technology on 22.02.2023.
32. A One Day Guest Lecture on “**Intelligent Question Answering System with NLP**”, was organized by Mr K. Hazee Shabbeer Basha, Assistant Professor, Department of CSE on 24.02.2023.
33. A One Day Guest Lecture on “**Career development interaction**”, was organized by Dr. R. Kiran Kumar (Alumni Relation Officer-MITS) on 27.02.2023.
34. A One Day Guest Lecture on “**Power Quality Events Monitoring System Using Signal Processing Techniques on an Embedded Platform**” was in association with IEEE & ISTE Chapter Organized by Department of Electrical and Electronics Engineering on 04.03.2023
35. Prof. Suresh Sundaram from IISc Bangalore for a lecture on “**Multi-disciplinary research**”. The esteemed professor shared insights and inspired the audience to explore new frontiers through collaboration and innovation on 06.03.2023
36. A One Day Guest Lecture on “**Driver Behaviour Modelling for Autonomous Vehicle**” in association with IEEE & ISTE Chapter was organized by Department of Electrical and Electronics Engineering on 07.03.2023.
37. A One Day Guest Lecture on " **Cutting Edge Technology on Cloud Computing**" was organized in association with IEEE by Department of Computer Science and Engineering on 18.03.2023.
38. A One Day Guest Lecture on “**MEMS based Biomedical Sensors an Introduction**” was organized in association with MITS IEEE Student Branch (STB64791) the Department of Electronics and Communication Engineering on 21.03.2023.
39. A One Day Guest Lecture on “**Communication Skills for Career Building**” was organized by the Department of English & Foreign Languages on 31.03.2023.
40. A One Day Guest Lecture on “**Satellite Image Processing - Research Aspects**”, was organized by the Department of Computer Science and Engineering on 04.04.2023.
41. A One Day Guest Lecture on “**Career Opportunities**”, was organized by the Department of Civil Engineering on 04.04.2023.
42. A One Day Guest Lecture on “**Scope of Engineering Graduates as Techno- Managers**”, was organized by the Department of Civil Engineering on 17.04.2023.
43. A One Day Guest Lecture on “**Cloud Computing and AWS DevOps**”, was organized by the Department of Computer Science and Engineering on 19.04.2023.
44. A One Day Guest Lecture on “**Big data Technologies**”, was organized by the

- Department of Computer Science and Engineering on 20.05.2023.
45. A One Day Guest Lecture on “**Career in Abroad Education and Job**”, was organized by the Department of Computer Science and Engineering on 25.05.2023.
 46. A One Day Guest Lecture on “**Introduction to NLP**” was organized by the Department of Computer Science and Engineering on 28.05.2023.
 47. A One Day Guest Lecture on “**Opportunities Available for Students in SAP especially in ABAP Technology**” was organized by the Department of Electrical & Electronics Engineering on 29.05.2023.
 48. A One Day Guest Lecture on “**Data Science Applications and Industrial Insights**” was organized by the Department of Computer Science and Engineering on 31.05.2023
 49. A One Day Guest Lecture on “**Machine Learning and its Applications**” was organized by the Department of Computer Science and Engineering on 05.06.2023.
 50. A One Day Guest Lecture on “**Recent Advancement in Smart Grid and Renewable Energy with Modern Computational Technique**” was organized by the Department of Computer Science and Engineering and Engineering on 05.06.2023.

Workshops:

1. A Two-days’ workshop titled “**Machine Learning for Mechanical Engineering**” was organized by the Department of Mechanical Engineering from 21.09.2022 to 22.09.2022.
2. A Five-day’s workshop titled “**One Week Online Faculty Induction Workshop on Thrust Areas**” was organized by the Department of Computer Science & Engineering from 10.10.2022 to 15.10.2022.
3. A Two-days International Conference-cum-Workshop on “**Language and Literature**” was organized by the Department of English & Foreign Languages from 14.10.2022 to 15.10.2022.
4. A Two-days’ workshop titled “**Understanding of Routing and Switching Concepts in Data Communication and Networking using Cisco Packet Tracer**” was organized by the Department of Electronics & Communication Engineering from 14.10.2022 to 15.10.2022.
5. A One-day workshop titled “**Fundamentals of PCB Design**” was organized by the Department of Electrical & Electronics Engineering on 19.11.2022.
6. A One-day workshop titled “**Real Time Cyber Security solutions**” was organized by the Department of Computer Science & Technology on 19.11.2022.
7. A One-day workshop titled “**First International Research Colloquium on Advances in Materials Science & Engineering**” with Eminent Scientists from IISc, Bangalore, and NIMS, Japan” was organized by the Department of Research & Development on 24.11.2022.
8. A One-day workshop titled “**Design Thinking & Innovation**” was organized by the Department of Computer Science & Engineering on 15.10.2022.
9. A One-day workshop titled “**Applications of Statistics in Artificial Intelligence and Data Science**” was organized by the Department of Computer Science & Engineering-AI & DS on 15.10.2022
10. A One-day workshop titled “**Robotics AI & Machine Learning**” was organized by the Department of CSE- AI & DS on 19.12.2022.
11. A Three-day’s workshop titled “**Skills Need for Radio Jockeys and Content Creation**” was organized by the Department of Electronics & Communication Engineering from 01.12.2022 to 03.12.2022.

12. A One-day international workshop titled “**International Workshop on Advances in Space and Radar Technologies**” was organized by the Department of International Relations on 09.12.2022.
13. A One-day workshop titled “**Production Planning & Control and Machine Learning**” was organized by the Department of Mechanical Engineering on 17.12.2022.
14. A One-day workshop titled “**An Introduction to Research Document Preparation using LaTeX**” was organized by the Department of CSE- AI & DS on 17.12.2022.
15. A One Day Workshop on “**Achieving Problem-Solution Fit and Product- Market Fit**”, was organised by Dr D Jagadeesan, Professor, CSE & IIC Coordinator on 23.02.2023.
16. A One Day Workshop on “**How to plan for Start-up and legal & Ethical Steps**” on 13.04.2023, by Institute Innovation Council.
17. A One Day Workshop on “**Application of Automated Machine Learning in Electrical Industry**” was organized by the Department of Electrical & Electronics Engineering on 24.05.2023.
18. A One Day Workshop on “**Intellectual Property Rights (IPRs) and IP Management for Startup**” was organized by Institute Innovation Centre on 20.05.2023.
19. A One Day Hands on workshop on “**Image Processing using MATLAB**” was organized by the Department of Artificial Intelligence on 24.06.2023.

Seminars:

1. A one-day Seminar on “**Career Opportunities**” was organized by the Department of Computer Science & Technology on 07.09.2022.
2. A one-day Seminar on “**Telehealth Technology - A new horizon in healthcare**” was organized by the Department of Electronics & Communication Engineering on 13.12.2022.
3. A one-day Seminar on “**Solar Power Electric Vehicle**” was organized by the Department of Electronics & Communication Engineering on 16.12.2022.
4. A one-day Seminar on “**Multi Gate Devices for VLSI Design**” was organized by the Department of Electronics & Communication Engineering on 20.12.2022.
5. A one-day Seminar on “**Challenges and Opportunities in Multidisciplinary Engineering Research**” was organized by the Department of Physics on 23.12.2022.
6. A one-day Seminar on “**Career Opportunities through GATE**” was organized by the Department of Electronics & Communication Engineering on 29.12.2022.
7. A One Day Seminar on “**Emerging Technologies in IoT and Industry 4.0**” was organized by Mr. Amit Arya, Assistant Professor and Mr. Prakash N. Assistant Professor of Department of CST on 12.01.2023.
8. A One Day Seminar on “**Innovation and Entrepreneurship**” was organized by Dr K Lakshmi Coordinator Entrepreneur Development Cell on 24.01.2023.

Webinars/Programs:

1. A Webinar on “**Entrepreneurship, Innovation, and Career Opportunity**” was conducted on 21.10.2022 by the Department of Mechanical Engineering.
2. A Webinar on “**Cyber Security Application using Python**” was conducted on 26.10.2022 by the Department of Computer Science & Engineering.
3. A Webinar on “**Machine Learning for Mechanical Engineering**” was conducted by the Department of Mechanical Engineering on 04.11.2022.
4. A Webinar on “**A Live Webinar on Personal Financial Management & IPO’S**” conducted on 15.11.2022 Organized by Department of Management Studies.

5. A Webinar on "**Thrive Knowledge in Agile Methodology & Deep Dive into DevOps**" conducted on 17.12.2022 Organized by Department of Computer Science & Engineering
6. A Webinar on "**Artificial Intelligence in Real Time Applications**" conducted on 28.12.2022 Organized by Department of Computer Science & Engineering- AI & DS.
7. A One Day Webinar on "**Challenges and Opportunities in IT Sector**" on 09.01.2023, Organized by Department of Computer Science & Technology.
8. A One Day Programme on "**Innovation & Entrepreneurship**" on 10.01.2023, Organized by Industry Institute Interaction Cell (IIIC)
9. A One Day Programme on "**Entrepreneurship and Innovation**" on 10.01.2023, Organized by Department of MCA
10. A One Day Webinar on "**Digital Marketing Opportunities**" on 18.01.2023, Organized by Department of Management Studies.
11. A One Day Webinar on "**Entrepreneurial Uses of AI**" on 25.01.2023, Organized by Department of AI & DS.
12. A One Day Webinar on "**Emanate Tendency towards Data Science**" on 06.02.2023, Organized by Department of CST.
13. A One Day Programme on "**Certificate Award Ceremony of Artificial Intelligence in Management from Asia University, Taiwan**" on 09.02.2023, Organized by Department of Management Studies.
14. A One Day Webinar on "**Data Science**" on 10.02.2023, Organized by Department of AI & DS.
15. A One Day Webinar on "**Entrepreneurship challenges in 21st century**" on 10.02.2023, Organized by Department of Management Studies
16. A One Day Webinar on "**IoT Wearable Computing**" on 23.05.2023, Organized by Department of Computer Science & Engineering.

Symposiums & Other Events

1. School of Computing, MITS organised a technical and an insightful interaction with students on 02.07.2022.
2. An event was conducted regarding "**the Kargil War's "Operation Vijay" victory**" organized by NCC on 26.07.2022
3. An event was conducted on "**Missile Man**" of India, Dr. APJ Abdul Kalam on his Death Anniversary organized by NSS Cell-MITS on 27.07.2022.
4. **76th Independence Day celebrations** on 15.08.2022, Organized by Department of Physical Education, MITS.
5. An event was conducted on "**Engineers' Day Celebration**" on 15.09.2022, organised by Department of Civil Engineering.
6. A One Day Event on "**Gandhi Jayanthi**", organised by NSS Cell-MITS on 02.10.2022.
7. A One Day Event on "**Dr. APJ Abdul Kalam Jayanti**", organised by NSS Cell-MITS on 02.10.2022
8. An Induction program were conducted by Department of Management Studies & Department of Computer Applications for I Year students on 04.11.2022.
9. An Orientation Programme organized by MITS for I year B.Tech students on 28.09.2022.

10. An event was conducted on “**Web Club**” organized by Computer Science & Engineering on 23.12.2022.
11. MITS Organised “**Freshers Day**” for I B. Tech and PG Freshers on 23.12.2022.
12. An event was conducted on titled “**National Mathematics Day**” organized by Department of Mechanical Engineering on 22.12.2022.
13. A Quiz programme on “**Robotics**” on 04.01.2023 organized by Department of Department of CST.
14. A One Day Event “**Fun with Tech**”, organized by Department of CST on 06.01.2023.
15. A Programme was conducted on “**Budget2023**” on 01.02.2023 organized by Department of MBA.
16. A Meeting was organized on “**A student parent & corporate conclave**” on 22.02.2023 by Department of MCA.
17. A One Day Event “**Emerging Trends in Physical science research & National Science Day**”, organized by Dept. of Physics on 28.02.2023.
18. Mechanical engineering students from MITS have created a **solution to empower physically challenged students with a battery-operated cycle**. The innovation showcases their technical expertise, creativity, and compassion for the community on 01.03.2023.
19. **International Women’s Day** on 08.03.2023 Organized by Internal Complaint Committee
20. A One Day National Level Technical Symposium “**INVICTA – 2k23**” on 01.04.2023, organized by Department of Computer Science and Technology.
21. Empowering the youth with knowledge and inspiration, MITS organized a career guidance session on the Indian Armed Forces, guiding them towards a fulfilling career of service, discipline, and honor on 11.04.2023
22. A One Day National Level Technical Symposium “**TERA – 2k23**” on 18.04.2023, organized by Department of Electrical and Electronics Engineering
23. A One Day National Level Technical Symposium on “**RAIDS - 23**” on 19.04.2023, organized by Department of Artificial Intelligence and Data Science
24. A One Day National Level Technical Symposium “**ECLECTICA**” on 20.04.2023 organized by Department of Electronics and Communication Engineering.
25. A One Day National Level Technical Symposium “**Mechonance’23**” on April 21st 2023 organized by Department of Mechanical Engineering
26. A One Day National Level Technical Symposium on “**CITA 23**” on April 26th 2023 organized by Department of Civil Engineering
27. A One Day Event “**National Technology Day 2023**”, organized by Institution’s Innovation Centre on 11.05.2023
28. A Two-Day National Level Techno- Cultural-Sports Fest “**Ashv The Race of Talent-2023**” on 12th and 13th May 2023, Organized by MITS Madanapalle.
29. A One Day “**Delegation Meet**” on 26.05.2023, Organized by MITS, Madanapalle
30. A One Day Event “**World Environment Day 2023**”, organized by Institution’s Civil Engineering Society
31. A One Day Event “**World MSME Day 2023**”, Organized by Research and Development Cell, IIC Cell and ED Cell on 27.06.2023
32. A One Day Virtual Orientation Programme on “**Agribusiness Incubation Scheme & the Funding Opportunities for Agri-Innovators**” on 06.07.2023, Organized by Department of Management Studies, MITS.

Faculty Development Programs

1. A Five Days Online Faculty Development Programme on **“Instructional Design and Delivery Systems”** Organized by Dr. S. Baskaran, Associate Professor, Department of Mechanical Engineering, Dr. S. Padma, Assistant Professor, Department of Computer Science & Technology. from 12.09.2022 to 16.09.2022.
2. A Five Days Online Faculty Development Programme on **“Recent Tools & Techniques for Data Science and Artificial Intelligence”** Organized by Dr. R. Kalpana, HOD/CSE, Department of Computer Science & Engineering from 19.09.2022 to 26.09.2022.
3. A Five-Days FDP on **“MATLAB Toolbox for IOT Application Development”** from 26.09.2022 to 30.09.2022, organized by Department of Electronics & Communication Engineering
4. A Five Days FDP on **“Emerging Trends and Research Opportunities in Computer Science”** from 31.10.2022 to 31.10.2022, Organized by Department of Computer Science & Engineering
5. A Five-Days Faculty development program on **“Emerging Trends and Research Opportunities in Computer Science”** from 01.11.2022 to 05.11.2022 organized by Department of Computer Science & Engineering
6. A Five Days Online Faculty Development Programme on **“Emerging Trends and Technologies in Cyber Security”** Organized by Department of Management Studies from 14.11.2022 to 18.11.2022
7. A Five Days Online Faculty Development Programme on **“Emerging Trends in Machine Learning and Deep Learning Techniques”** Organized by Dr. S. Jansi Assistant Professor Department of Computer Applications. from 02.01.2023 to 06.01.2023.
8. A Five Days Online Faculty Development Programme on **“Microwave Passive Circuits: Design, Fabrication and Measurements (MPCDFM-2023)”** Organized Dr Soumya Ranjan Mahapatro Associate Professor Department of Electronics and Communication Engineering from 17.01.2023 to 21.01.2023
9. A One Week FDP on **“Computational modeling of materials”** on 12.05.2023, organized by Department of Physics
10. A Five Days FDP on **“Research paper writing, proposal drafting, and patenting Strategies”** from 22.05.2023 to 26.05.2023, Organized by Department of Computer Science and Technology
11. A Five - Day Faculty development program on “Mathematics and its Applications” from 05.06.2023 to 09.06.2023 organized by Department of Mathematics
12. A One-week virtual International Faculty development program on **“Research Insights on Recent Revolutions and Evolutions in Information Technology”** from 12.06.2023 to 17.06.2023 organized by Department of Computer Science and Technology
13. A Five Days Online Faculty Development Programme on **“Business Analytics”** Organized by Department of Management Studies from 12.06.2023 to 16.06.2023.

Industrial Visits

1. A one-day Industrial visit to **“RTC Bus Depot, Madanapalle”** organised by Department of Mechanical Engineering on 05.11.2022
2. A one-day Industrial visit to **“Heritage Foods Limited”** organised by Department of

- Electrical & Electronics Engineering on 08.11.2022
3. A one-day Industrial visit to “**Kalyani Dam at Tirupati**” organised by Department of Civil Engineering on 12.11.2022
 4. A one-day Industrial visit to “**National Atmospheric Research Laboratory Tirupathi, Gadanki**” organised by Department of Mechanical Engineering on 25.11.2022.
 5. A one-day Industrial visit to “**National Atmospheric Research Laboratory Tirupathi, Gadanki**” organised by Department of Mechanical Engineering on 02.12.2022
 6. A one-day Industrial visit to “**Pedderu Dam**” organised by Department of Civil Engineering on 04.12.2022.
 7. A one-day Industrial visit to “**National Atmospheric Research Laboratory (NARL), Gadanki, Pakala**” organised by Department of CSE- AI & DS on 16.12.2022
 8. A One Day Industrial Visit to “**ITI Limited**” on 12.01.2023
 9. A One Day Industrial Visit to “**Gandikota Reservoir Project located between Gandikota village and Kondapur village of Kadapa district**” on 02.02.2023 Organized by Department of Civil Engineering
 10. A One Day Industrial Visit to “**National Atmospheric Research Laboratory**” on 10.02.2023 Organized by Department of Computer Science and Engineering
 11. A One Day Industrial Visit on “**Krishna Raja Sagara Dam, Mysore**” on 12.03.2023 Organized by Department of Civil Engineering
 12. A One Day Industrial Visit on “**Architectural Industrial Designs**” on 21.05.2023, organized by Department of Civil Engineering

NSS Activities / Community Service Programs

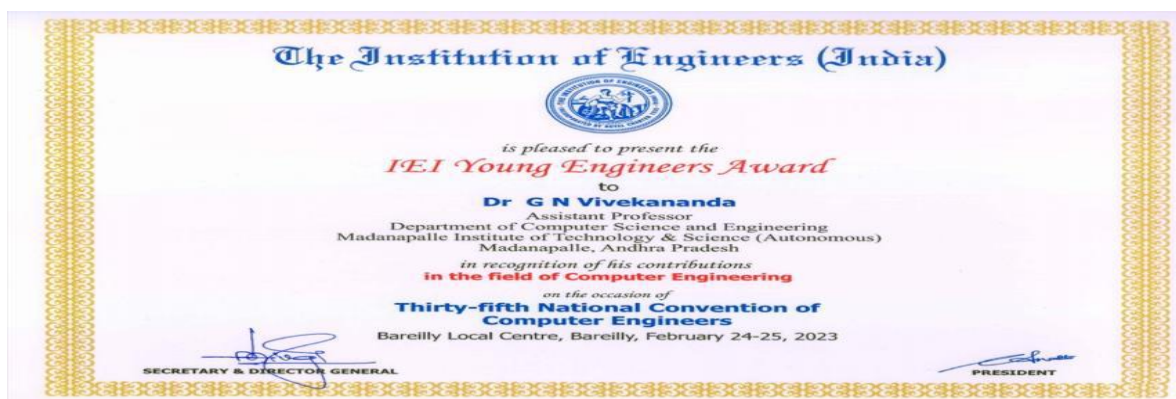
1. An Awareness program was conducted on “**A One Day Rally on Azadi Ka Amrut Mahostav**” organized by NSS Cell-MITS on 12.08.2022.
2. An Awareness program was conducted on “**Suicide Prevention**” organized by NSS Cell-MITS in association with MITS Alumni on 02.09.2022.
3. An Awareness program was conducted on “**Suicide Prevention to motivate students about prevention of suicide thoughts**” organized by NSS Cell-MITS on 07.09.2022.
4. An Awareness program was conducted on “**IPR Awareness Programme under the National Intellectual Property Awareness Mission**” organized by NSS Cell-MITS in association with Research & Development on 12.10.2022
5. An Awareness program was conducted on “**International Day of Girl Child.**” organized by NSS Cell-MITS in association with Research & Development on 11.10.2022.
6. An Awareness program was conducted on “**National Innovation Day – 2022**” organized by NSS Cell-MITS in association with CSE on 15.10.2022.
7. An Awareness program was conducted on “**National Unity Day**” organized by NSS Cell-MITS on 31.10.2022.
8. An Awareness program was conducted on “**Go Back to Nature**” organized by NSS Cell-MITS in association with Department of Chemistry on 21.10.2022.
9. An Awareness program was conducted on “**Professional Development Programme on Cyber Security**” organized by NSS Cell-MITS in association with Department of CST on 21.10.2022.
10. An Awareness program was conducted on “**International Day of Girl Child.**” organized by NSS Cell-MITS in association with Research & Development on 11.10.2022
11. An awareness program on “**Road Safety**” with the DSP of Madanapalle on 06.01.2023.
12. An awareness program on “**Benefits of IEEE Membership**” with IEEE Student BranchCoordinator on 01.02.2023.

13. A Programme on “National Youth Day” on 12.01.2023 organized by Department of Mechanical
14. An Inauguration of “MITS Civil Engineering Society” on 12.01.2023 organized by Department of Civil Engineering
15. Celebrations of **Dr B R Ambedkar Jayanthion** 14.04.2023
16. A **Blood donation camp** organized by NSS at the MITS campus on 17th and 27th April 2023
17. Mechanical Engineering Students shine a ray of hope for farmers with their **Solar Operated Weeding Machine**. Kudos to the bright minds behind this incredible innovation

3. FACULTY NEWS

3.1 Faculty Achievements

- **Dr. G. N. Vivekananda**, Assistant Professor, Dept. of Computer Science & Engineering received **IEI Young Engineers Award** for his contribution in the field of Computer Science by The Institution of Engineers, India on Feb 24-25, 2023.



- **Dr. Nidhya R**, Professor, Dept. of Computer Science & Engineering received **Best Faculty Award** by Human Development Cooperation on 18th March 2023.



- **Dr. Vamsi Bandi** is recognized as **Best Reviewer** in 2nd International Conference on Data Science and Artificial Intelligence (ICDSAI) 2023, Dept. of CSE, Lendi Institute of Engineering & Technology, Vizianagaram during 24-25, May 2023.



- Dr. Sreemant Basu, Dean-Admin, IRO & Head MBA visited BRNO, Czech Republic for an Memorandum of Understanding (MoU) with MITS.



3.2 Research and Development

Sanctioned Projects:

- Dr. I. Arun, Professor, MECH got a project worth of Rs.2,40,000/- for a 5-day (24-28 May 2023) Workshop on "Defence Research and Innovation Summit - 2023" through SERB.
- Dr. S. Sreedhar, Asst. Prof, Physics got a project worth of Rs.1,50,000/- for the title "Nanofabrication of ferroelectric multi-layered thin films based of BTO, BFO and Hf (Zr)O₂ for integration into semiconductor electronic and photonic device applications" under UGC-DAE CSR.
- Dr. Sharwan Ram, Asst. Prof, ECE got a project worth of Rs. 9,73,000/- for the title "Unmanned Aerial System for Acquisition of Crime Evidences" under MSME IDEA Hackathon 2.0.
- Dr. S. Baskaran, Associate. Professor and Dr. R. Prithvirajan, Associate Professor got a project worth of Rs. 88,000/- for the title "Contemporary Progressions, Challenges and Issues in Metal 3D Printing" under JNTUA-FDP.

Books authored by staff:

- Preethi Thakur & Ayushi Sethi, Dept. of Management Studies (MBA) published a book titled "Digital Marketing", Shree Publishers & Distributors, New Delhi, October 2022. (978-93-90674-48-0)

Consultancy:

- During the academic year 2022-23 a consultancy amounts worth of Rs 12,12,178/- was generated.

Patents:

- Mr. M. Sivakumar from Dept of filed and published a patent on “A Deep Learning Based Image Processing in Computed Tomography Angiography with Machine Learning Interfaces and Method Thereof”
- Ms. R. Dhanalakshmi from Dept of CSE-Artificial Intelligence filed and published a patent on “Deep Learning Based Cybercrime Detection Technology”
- Dr. K. Chokkanathan, Viswanath Jeyaram, R Dhanalakshmi filed a patent on “Deep Learning Based Cybercrime Detection Technology”.
- Mr. Viswanath Jeyaram filed patent on “Customisable Instant Non-Electric Winding, All Purpose wearable Notifier Band”
- A total of **35** patents were filed and published by faculty members from various departments of which **15** patents were **granted** and **65** patents were **published** for the academic year 2022-23

3.3 Faculty Publications

SCI, SCIE, IEEE Journal Papers

- **Bellam J.B.**, Bhargavi M., Kuchi C., Saha D., Chandra Sekhar M., Verma V.K. published a paper on Deposition and characterization of CuI thin film as hole transporting layer for perovskite solar cells. DOI: 10.1007/s12034-022-02831-0
- Kumar B., **Roy D.**, Lakshmi V. published a paper on Impact of temperature and precipitation lapse rate on hydrological modelling over Himalayan Gandak River Basin. DOI: 10.1007/s11629-020-6602-5
- Maity C.K., De S., Acharya S., Siddiki S.H., **Sahoo S.**, Verma K., Thakur V.K., Nayak G.C. published a paper on Copper oxide stabilized oxy-functionalized boron nitride-carbon nanotube nanohybrid: An ultra-stable electrode for flexible asymmetric supercapacitor device in ionic electrolyte. DOI: 10.1016/j.est.2022.105928
- Bojjagani S., Reddy Y.C.A.P., Anuradha T., **Rao P.V.V.**, Reddy B.R., Khan M.K. published a paper on Secure Authentication and Key Management Protocol for Deployment of Internet of Vehicles (IoV) Concerning Intelligent Transport Systems. DOI: 10.1109/TITS.2022.3207593
- Hussain I., Lamiel C., **Sahoo S.**, Javed M.S., Ahmad M., Chen X., Gu S., Qin N., Assiri M.A., Zhang K. published a paper on Animal- and Human-Inspired Nanostructures as Supercapacitor Electrode Materials: A Review. DOI: 10.1007/s40820-022-00944-z
- Sheikh T.A., **Deekshitha S.**, Shalini N., Indira P., Rajasekaran S., Borah J. published a paper on Capacity maximization in cell free massive mimo network with access point selection method. DOI: 10.2174/2210327913666221222145957
- **Shankar R.**, Beuria M.K., Kulkarni G.R., Zamani A.S., Krishna P., Krishnan V.G. published a paper on Examination of the DL Based Ubiquitous MIMO U/L NOMA

System Considering Robust Fading Channel Conditions for Military Communication Scenario. DOI: 10.6688/JISE.202211_38(6).0013

- Sivaiah A., **Ramanujam B.**, Ramesh Babu K. published a paper on Fluorescent benzofurazan derivatized triazole linked mono and di-glucopyranosyl conjugates: Selective sensing of fluoride ion and coordination features by DFT computation. DOI: 10.1016/j.carres.2022.108653
- Kumar S.A.P., Suresh A., Anand S.R., **Chokkanathan K.**, Vijayasathy. published a paper on Hybridization of Mean Shift Clustering and Deep Packet Inspected Classification for Network Traffic Analysis. DOI: 10.1007/s11277-021-08208-6
- Zzaman M., Franklin J.B., Kumar A., Dawn R., **Verma V.K.**, Shahid R., Gupta M.K., Amemiya K., Miura Y., Meena R., Kandasami A., Singh V.R. published a paper on Effect of Cr-substitution on vanadium dioxide thin films studied by soft X-ray magnetic circular dichroism. DOI: 10.1016/j.jallcom.2022.165515
- Sharma P., **Tiwari R.N.**, Singh P., Kumar P., Kanaujia B.K. published a paper on MIMO Antennas: Design Approaches, Techniques and Applications. DOI: 10.3390/s22207813
- Thirugnanasambandam K., **Ramalingam R.**, Mohan D., Rashid M., Juneja K., Alshamrani S.S. published a paper on Patron–Prophet Artificial Bee Colony Approach for Solving Numerical Continuous Optimization Problems. DOI: 10.3390/axioms11100523
- Hussain I., Lamiel C., **Sahoo S.**, Ahmad M., Chen X., Javed M.S., Qin N., Gu S., Li Y., Nawaz T., Ansari M.Z., Zhang K. published a paper on Factors affecting the growth formation of nanostructures and their impact on electrode materials: A systematic review. DOI: 10.1016/j.mtphys.2022.100844
- Nadeem R., **Saif M.**, Khan N. published a paper on Fractional Integral and Derivative Formulae for Multi-index Wright Generalized Bessel Function. DOI: 10.1007/s40819-022-01333-1
- **Verma V.K.**, Sakamoto S., Ishikawa K., Singh V.R., Ishigami K., Shibata G., Kadono T., Koide T., Kuroda S., Fujimori A. published a paper on Cr doping-induced ferromagnetism in the spin-glass Cd_{1-x}MnxTe studied by x-ray magnetic circular dichroism. DOI: 10.1016/j.physb.2022.414129
- Peng Y., Wang Y., Raffik R., **Jagota V.**, Bhatia K.K., Kumar R., Kannan N. published a paper on Vibration State Monitoring of Mechanical Equipment Based on Wireless Sensor Network Technology. DOI: 10.5152/electrica.2022.22051
- **Eswaraiah S.**, Seo K.-H., Kumar K.N., Ratnam M.V., Koval A.V., Jeong J.-Y., Mengist C.K., Lee Y.-S., Greer K., Hwang J.-Y., Lee W., Pramitha M., Venkata Chalapathi G., Venkatarami published a paper on Anthropogenic Influence on the Antarctic Mesospheric Cooling Observed during the Southern Hemisphere Minor Sudden Stratospheric Warming. DOI: 10.3390/atmos13091475
- **Ramalingam R.**, Karunanidhy D., Alshamrani S.S., Rashid M., Mathumohan S., Dumka A. published a paper on Oppositional Pigeon-Inspired Optimizer for Solving the Non-Convex Economic Load Dispatch Problem in Power Systems. DOI: 10.3390/math10183315
- **Mohan B.**, Oh K.H., Chan Park J., Yusuf M., Park K.H., Youn B. published a paper on A simple synthesis of surfactant-free polycrystalline CuO nanoparticles supported on

carbon nanofibers for regioselective hydroboration of alkynes. DOI: 10.1039/d2ra04668g

- Prasanth A., Getachew S., Shewa T., **Velumani M.**, Meher S.R., Alex Z.C. published a paper on A Bilayer SnO₂/MoS₂-Coated Evanescent Wave Fiber Optic Sensor for Acetone Detection—An Experimental Study. DOI: 10.3390/bios12090734
- **Ramalingam R.**, Muniyan R., Dumka A., Singh D.P., Mohamed H.G., Singh R., Anand D., Noya I.D. published a paper on Routing Protocol for MANET Based on QoS-Aware Service Composition with Dynamic Secured Broker Selection. DOI: 10.3390/electronics11172637
- Babu M V., Kumar C.N.S.V., Parthiban S., **Padmavathi U.**, Rahman M.Z.U. published a paper on AE-LEACH: An Incremental Clustering Approach for Reducing the Energy Consumption in WSN. DOI: 10.1016/j.micpro.2022.104602
- Singh A., Sinha M.K., **Jagota V.**, Kumar R. published a paper on Production, characterisation and utilisation of grinding swarf/feedstock for synthesis of metal matrix composite through powder metallurgy process: A short communication. DOI: 10.1007/s12046-022-01923-1
- Zeng J., Devarayapalli K.C., **Nallabala N.K.R.**, Prabhakar Vattikuti S.V., Shim J. published a paper on Synthesis and photocatalytic activity of bismuth carbonate micro-nanoplates. DOI: 10.1016/j.inoche.2022.109820
- **Bahadur J.**, Ghahremani A.H., Martin B., Pishgar S., Sunkara M.K., Druffel T., Pal K. published a paper on Solution-Processed Cu:SnO₂ as an Efficient Electron Transport Layer for Fabrication of Low-Temperature Planar Perovskite Solar Cell under Ambient Conditions. DOI: 10.1109/JPHOTOV.2022.3162340
- Muhiuddin G., Pramanik T., Alanazi A.M., **Mahboob A.**, Pal M. published a paper on Independent Fuzzy Graph: A New Approach. DOI: 10.1007/s40010-022-00769-w
- **Ramalingam R.**, Karunanidy D., Balakrishnan A., Rashid M., Dumka A., Afifi A., Alshamrani S.S. published a paper on OGWO-CH: Hybrid Opposition-Based Learning with Gray Wolf Optimization Based Clustering Technique in Wireless Sensor Networks. DOI: 10.3390/electronics11162593
- Al-Tahan M., Davvaz B., **Mahboob A.**, Hoskova-Mayerova S., Vagaská A. published a paper on On New Filters in Ordered Semigroups. DOI: 10.3390/sym14081564
- Muniyan R., **Ramalingam R.**, Alshamrani S.S., Gangodkar D., Dumka A., Singh R., Gehlot A., Rashid M. published a paper on Artificial Bee Colony Algorithm with Nelder–Mead Method to Solve Nurse Scheduling Problem. DOI: 10.3390/math10152576
- **Baruah S., Borah J., Bora J.**, Maity S. published a paper on Optical modelling of a GaAs/GaSb core–shell cone-topped octagonal-faced nanopillar array with periodic trapezoidal textured cut for high photon trapping efficiency. DOI: 10.1007/s10825-022-01898-6
- Saha D., Gurung J., Roy B., Pulikkal A.K., Bhowmik A., **Pattanayak S.** published a paper on Optimizing pyrolysis process parameters of plastic grocery bag, with mass–energy assessment and characterization of oil at optimal condition. DOI: 10.1007/s10098-022-02298-x

- **Arun I.**, Yuvaraj C., Sivakumar A., Thamizhmanii S. published a paper on Micro-structure and self-lubricant properties of powder mixed electrical discharge metal matrix composite coating. DOI: 10.1177/09544089211062665
- Sudhakar T., Sambath Kumar S., Ravi V., **Ramalingam R.**, Dua S. published a paper on Neighborhood rough set-based route selection for mobile ad hoc networks. DOI: 10.1002/dac.5178
- **Shankar R.**, Ahmad A., Veerappan S., Beuria M.K., Krishna P., Singh S.S., Krishnan V.G. published a paper on Examination of User Pairing NOMA System Considering the DQN Scheme Over Time-Varying Fading Channel Conditions. DOI: 10.6688/JISE.202207_38(4).0010
- Dastagiri S., Lakshmaiah M.V., Manjunath V., **Nallabala N.K.R.**, Ravi N., Dhanalakshmi M., Kukkambakam C., Krishnaiah K.V., Reddy V.R.M. published a paper on Investigations on Functional Properties of Al_{0.8}EuYLa_{0.2}-YTiO₃ (Y = 0.01 - 0.04) Nanoparticles Synthesized by Hydrothermal Method. DOI: 10.1142/S0218625X22500974
- **Narasimha Murthy K.V.**, Kishore Kumar G. published a paper on Distribution and Prediction of Monsoon Rainfall in Homogeneous Regions of India: A Stochastic Approach. DOI: 10.1007/s00024-022-03042-8
- **Mahesh M.**, Harigovindan V.P. published a paper on Hidden terminal aware grouping scheme for IEEE 802.11ah based dense IoT networks. DOI: 10.1016/j.comcom.2022.04.033
- **Pal R.** published a paper on Electrochemical characterisation of catalytic property for oxygen reduction reaction on cobalt ferrite electrode. DOI: 10.1080/00150193.2022.2130789
- Pornavalai C., Tanessakulwattana S., **Chakraborty G.** published a paper on A Novel Precomputed Optimal Procrastination Time Interval for Re-clustering to Maximize Operation Time of Wireless Sensor Networks. DOI: 10.1109/TNSM.2022.3229740
- **Vivekananda G.N.**, Jarwar M.A., Jaber M.M., Prakash C., Buddhi D., Gnanasigamani L.J., Sanz-Prieto I. published a paper on Effective two-tier tokenization for intelligent transportation supply chain systems using hybrid optimized query expansion. DOI: 10.1007/s11042-022-14317-6
- Yao W., **Jagota V.**, Kumar R., Ather D., Jain V., Quraishi S.J., Osei-Owusu J. published a paper on Study and Application of an Elevator Failure Monitoring System Based on the Internet of Things Technology. DOI: 10.1155/2022/2517077
- **Sreenivasulu G.**, Sahoo N.C., Balakrishna P. published a paper on A coordinated stochastic dispatch model for hybrid energy markets with renewable energy uncertainties using moth flame optimization. DOI: 10.1007/s12667-022-00535-2
- Paul S., **D U.**, Naidu Y., Reddy Y. published a paper on an efficient SIFT-based matching algorithm for optical remote sensing images. DOI: 10.1080/2150704X.2022.2121186.
- **Mishra B.P.**, Barik M. published a paper on Free Flexural Vibration Analysis of Thin Plates Using NURBS-Augmented Finite-Element Method. DOI: 10.1007/s42417-022-00639-0
- Kuppusamy, P; Kumari, NMJ; Alghamdi, WY; Alyami, H; **Ramalingam, R**; Javed, AR; Rashid, M published a paper on Copper oxide stabilized oxy-functionalized boron nitride-carbon nanotube nanohybrid: An ultra-stable electrode for flexible asymmetric

supercapacitor device in ionic electrolyte. DOI: <https://doi.org/10.1016/j.est.2022.105928>

- **Bellam, JB**; Bhargavi, M; Kuchi, C; Saha, D; Sekhar, MC; Verma, VK published a paper on Patron-Prophet Artificial Bee Colony Approach for Solving Numerical Continuous Optimization Problems. DOI: <https://doi.org/10.3390/axioms11100523>
- Prasanth ,Selamawit Getachew,Tsegeanesh Shewa ,**M. Velumani**,S. R. Meher andZ. C. Alex published a paper on A Bilayer SnO₂/MoS₂-Coated Evanescent Wave Fiber Optic Sensor for Acetone Detection-An Experimental Study. DOI: 10.3390/bios12090734
- Hussain, I; Lamiel, C; **Sahoo, S**; Javed, MS; Ahmad, M; Chen, X; Gu, S; Qin, N; Assiri, MA; Zhang, KL published a paper on Artificial Bee Colony Algorithm with Nelder-Mead Method to Solve Nurse Scheduling Problem. DOI: 10.1007/s40820-022-00944-z
- **B. K. Ponukumati**, P. Sinha, **M. K. Maharana**, A. V. P. Kumar, **A. Karthik** published a paper on An Intelligent Fault Detection and Classification Scheme for Distribution Lines Using Machine Learning. DOI: <https://doi.org/10.48084/etasr.5107>
- Maity, CK; De, SBN; Acharya, S; Siddiki, SH; Sahoo, S; Verma, K; Thakur, VK; Nayak, GC published a paper on Artificial intelligence technology in electronic communication engineering for medical applications, DOI: 10.1016/j.est.2022.105928
- Paul, S; **Udaysankar, D**; Naidu, Y; Reddy, Y published a paper on Investigations on Functional Properties of Al_{0.8}EuyLa_{0.2-y}TiO₃ (y=0.01-0.04) Nanoparticles Synthesized by Hydrothermal Method. DOI: 10.1080/2150704X.2022.2121186
- **Shankar, R**; Beuria, MK; Kulkarni, GR; Zamani, A; Krishna, P; Krishnan, VG published a paper on “Secure Token-Key Implications in an Enterprise Multi-Tenancy Environment Using BGV-EHC Hybrid Homomorphic Encryption”. DOI: 10.6688/JISE.202211_38(6).0013
- Hussain, I; Lamiel, C; **Sahoo, S**; Ahmad, M; Chen, X; Javed, MS; Qin, N; Gu, S; Li, YX; Nawaz, T; Ansari, MZ; Zhang, KL published a paper on “Solution-Processed Cu:SnO₂ as an Efficient Electron Transport Layer for Fabrication of Low-Temperature Planar Perovskite Solar Cell Under Ambient Conditions”. DOI: 10.1016/j.mtphys.2022.100844
- **Smriti Baruah, Janmoni Borah**, Joyatri Bora & Santanu Maity published a paper on “Optical modelling of a GaAs/GaSb core-shell cone-topped octagonal-faced nanopillar array with periodic trapezoidal textured cut for high photon trapping efficiency”. DOI: <https://doi.org/10.1007/s10825-022-01898-6>
- Thirugnanasambandam, K; **Ramalingam, R**; Mohan, D; Rashid, M; Juneja, K; Alshamrani, SS published a paper on “Laser processing of graphene and related materials for energy storage: State of the art and future prospects”. DOI: 10.3390/axioms11100523
- G. Muhiuddin ,D. Al-Kadi, A. **Mahboob**, A. Assiry, and Abdullah Alsubhi published a paper on “Generalizations of Fuzzy q-Ideals of BCI-Algebras”. DOI: <https://doi.org/10.1155/2022/2388199>
- Bojjagani, S; Reddy, YCAP; Anuradha, T; Rao, **PVV**; Reddy, BR; Khan, MK published a paper on “A Secure Energy-Aware Game Theory (SEGaT) Mechanism for Coordination in WSANs”. DOI: 10.1109/TITS.2022.3207593

- Zhang, Y; Kaur, A; **Jagota, V**; Neware, R published a paper on “A review on TIG welding technology variants and its effect on weld geometry”. DOI: 10.1515/jisys-2021-0264
- Md. Mustafa Kamal a, **Ali Abbas b**, Vishnu Prasad c, Ravi Kumar published a paper on “A numerical study on the performance characteristics of low head Francis turbine with different turbulence models”. DOI: <https://doi.org/10.1016/j.matpr.2021.02.155>
- Sivaiah, A; **Ramanujam, B**; Babu, KR published a paper on “Thermal radiation and diffusion effects in MHD Williamson and Casson fluid flows past a slendering stretching surface”. DOI: 10.1016/j.carres.2022.108653
- **Eswaraiah, S**; Seo, KH; Kumar, KN; Ratnam, MV; Koval, AV; Jeong, JY; Mengist, CK; Lee, YS; Greer, K; Hwang, JY; Lee, W; Pramitha, M; Chalapathi, GV; Reddy, MV; Kim, YH published a paper on “Growth and properties of nanocrystalline TiN-amorphous Si₃N₄ composite thin films deposited on IN718 and phynox alloy substrates”. DOI: 10.3390/atmos13091475
- Peng, YH; Wang, Y; Raffik, R; **Jagota, V**; Bhatia, KK; Kumar, R; Kannan, N published a paper on “A Deep Learning Based Convolution Neural Network-DCNN Approach to Detect Brain Tumor”. DOI: 10.5152/electrica.2022.22051
- Prasanth, A; Getachew, S; Shewa, T; **Velumani, M**; Meher, SR; Alex, ZC published a paper on “Investigation of the fifth generation non-orthogonal multiple access technique for defense applications using deep learning”. DOI: 10.3390/bios12090734
- **Ramalingam, R**; Muniyan, R; Dumka, A; Singh, DP; Mohamed, HG; Singh, R; Anand, D; Noya, ID published a paper on “Performance evaluation of perforated pin fin heat sink using particle swarm optimization and MCDM techniques (May, 10.1007/s10973-021-10872-6, 2021)”. DOI: <https://doi.org/10.1007/s10973-021-10872-6>
- **Ramalingam, R**; Karunanidhy, D; Alshamrani, SS; Rashid, M; Mathumohan, S; Dumka, A published a paper on “A computational framework for ranking prediction of cloud services under fuzzy environment”. DOI: 10.3390/math10183315
- Krishnaiah, K.V., Venkatalakshamma, P., Upendra Kumar, K., Haritha, P., Lavin, V., Martin, I.R., Ravi, N., Satish Kumar Reddy, H., Venkatramu, V., Nallabala, **N.K.R.**, Yuvaraj, C. published a paper on “Structure, morphology, photonconversion and energy transfer characteristics of Er³⁺/Yb³⁺:BaYF₅ nanocrystals synthesized by hydrothermal method for photovoltaics”. DOI: 10.1016/j.ceramint.2023.05.225
- Nathiya, D., Wilson, J., Gurunathan, K., Rani, G.M., **Raju, C.V.**, Chaudhary, V. published a paper on “Ultrasensitive Detection of Bovine Serum Albumin on DNA Modified Protein Microcapsules-based Electrodes”. DOI: 10.1149/1945-7111/acd357
- Thenrajan, T., Anandhakumar, M., Gokana, M.R., Chaudhary, V., Rajaram, R., **Venkateswara Raju, C.**, Wilson, J. published a paper on “Guar Gum Supported ZIF-8 as an Effective Catalyst for Electrochemical Sensing of Gallic Acid in Liquid Food Samples”. DOI: 10.1149/1945-7111/acc556
- **Rao, P.V.V.**, Anand, M., Daniel, J.A., Sivaparthipan, C.B., Kirubakaran, S.S., Gnanasigamani, L.J., Punitha, P. published a paper on “Millimeter assisted wave technologies in 6G assisted wireless communication systems: a new paradigm for 6G collaborative learning”. DOI: 10.1007/s11276-023-03324-6

- Kumar, **P.T.V.**, Naidu, K.V., Reddy, P.V., Hoque, S. published a paper on “Performance Analysis of Pool-Based Spectrum Handoff in Cognitive Radio Networks”. DOI: 10.1007/s11277-023-10441-0
- **Sharan, N.**, Ghorai, S.K., Kumar, A. published a paper on “Alleviating LED Nonlinearity in a HACO System Using a Blend of Precoder and a μ -Law Compressor”. DOI: 10.1007/s11277-023-10474-5
- **Nallabala, N.K.R., C, Y.**, Vohra, A., **Dhamodaran, A.**, Kaleemulla, S., Jaswanth, A., **Chandra Mohan, K.**, Sambasivam, S., Netheti, V.S.B., Reddy, V.R.M., Kim, W.K. published a paper on “Evaluation of Photosensing Parameters of Au/polystyrene/n-Si Heterojunction Based Self-Powered Organic Broadband Photodetectors”. DOI: 10.1007/s12633-023-02458-8
- **Kumar, A., Lakshmipathi, A.R.**, Nagabhooshanam, N., Sahu, S.K., Patil, P.P., Satyanarayana, V., Praveen, N. published a paper on “Effect of Adding Rice Husk Ash Functional Silicon Additives on Flammability Wear and Thermal Stability of Ramie-Epoxy Composite”. DOI: 10.1007/s12633-023-02463-x
- **Ramalingam, R.**, Saleena, B., Basheer, S., Balasubramanian, P., Rashid, M., Jayaraman, G. published a paper on “EECHS-ARO: Energy-efficient cluster head selection mechanism for livestock industry using artificial rabbits optimization and wireless sensor networks”. DOI: 10.3934/era.2023158
- Pavithra, D., **Nidhya, R.**, Shanthi, S., Priya, P. published a paper on “A secured and optimized deep recurrent neural network (DRNN) scheme for remote health monitoring system with edge computing”. DOI: 10.1080/00051144.2023.2195218
- Pratheesh, K., Narayanasamy, P., **Prithvirajan, R.**, Ramkumar, T., Balasundar, P., Indran, S., Sanjay, M.R., Siengchin, S. published a paper on “Cenosphere filled epoxy composites: structural, mechanical, and dynamic mechanical studies”. DOI: 10.1007/s13399-023-04154-4
- Sivakumar, **E.R., Krishna, R.**, Senthilkumar, P., Krishnakumar, T.S., Colak, I. published a paper on “Comprehensive study of diesel engine characteristics of valves coated by titanium nitride (TiN)”. DOI: 10.1177/09544089231157950
- Ponnappalli, B., **Lakshmikhandan, K.**, Palanisamy, K., Sithambaram, M. published a paper on “A hybrid technique for grid-connected solar–wind hybrid system with electric vehicles”. DOI: 10.1177/0958305X231153933
- Suganya, G., Kumar, **S.M.**, Nagaraj, M., Velumani, A. published a paper on “Mechanical, Dielectric and Thermal Stability of Silicon Oxynitride Nanoparticle Dispersed Tamarind Fiber-Reinforced Epoxy Bio-composite”. DOI: 10.1007/s12633-023-02320-x
- **Singh, L.P.**, Sharma, G. published a paper on “Dielectric spectroscopy investigation of relaxation processes in the low-frequency regime and validity of the Stokes–Einstein–Nernst/Stokes–Einstein–Debye relation in”. DOI: 10.1007/s13233-022-00104-7
- **Saif, M.**, Khan, F., Khan, S.A. published a paper on “Error estimation by Schurer type (p, q)-Lorentz operator on a compact disk”. DOI: 10.2298/FIL2301303S
- **Chakraborty, G.**, Wang, W., **Chakraborty, B.**, Tai, S.-K., Lo, Y.-S. published a paper on “Grading of HCC Biopsy Images Using Nucleus and Texture Features”. DOI: 10.1109/JBHI.2022.3215226

- **Banerjee, A.**, Maity, S.P. published a paper on “Jamming in Eavesdropping on Throughput Maximization in Green Cognitive Radio Networks”. DOI: 10.1109/TMC.2021.3068797
- Ketham, R., Althuwayb, A.A., **Kumar, A.** published a paper on “Low-profile Magneto-electric Dipole Antenna”. DOI: 10.1080/03772063.2021.1873200
- Mengist, C.K., Seo, K.-H., Kim, Y.H., **Eswaraiah, S.**, Ssessanga, N., Kwak, Y.-S. published a paper on “3-D Regional Imaging of Ionosphere Over Africa Through Assimilating Satellite and Ground-Based Data”. DOI: 10.1029/2022JA030859
- Sethuraman, S.K., Malaiyappan, N., **Ramalingam, R.**, Basheer, S., Rashid, M., Ahmad, N. published a paper on “Predicting Alzheimer’s Disease Using Deep Neuro-Functional Networks with Resting-State fMRI”. DOI: 10.3390/electronics12041031
- Mandal, A.K., Sen, R., **Chakraborty, B.** published a paper on “Quantum-Inspired Owl Search Algorithm with Ensembles of Filter Methods for Gene Subset Selection from Microarray Data”. DOI: 10.1142/S0218001423510011
- **Singh, L.P.** published a paper on “Primary and secondary relaxation processes in poly(propylene glycol) monobutyl ether: a broadband dielectric spectroscopy investigation”. DOI: 10.1038/s41428-022-00728-7
- **Mahapatro, S.R.**, Subudhi, B. published a paper on “Disturbance rejection–based robust decentralized controller design for a multivariable system”. DOI: 10.1177/01423312221114348
- Hemanandh, **J.**, **Devarajan, Y.**, Mishra, R., Meenakshisundaram, N. published a paper on “Experimental investigation on slaughter, fish waste and poultry excrete oil as fuel blends in diesel engine”. DOI: 10.1007/s13399-021-01293-4
- Sekaran, R., Al-Turjman, F., Patan, R., **Ramasamy, V.** published a paper on “Tripartite Transmitting Methodology for Intermittently Connected Mobile Network (ICMN)”. DOI: 10.1145/3433545
- Hussain, I., **Sahoo, S.**, Hussain, T., Ahmad, M., Javed, M.S., Lamiel, C., Gu, S., Kaewmaraya, T., Sayed, M.S., Zhang, K. published a paper on “Theoretical and Experimental Investigation of In Situ Grown MOF-Derived Oriented Zr-Mn-oxide and Solution-Free CuO as Hybrid Electrode for Supercapacitors”. DOI: 10.1002/adfm.202210002
- Thyda, L., Dasi, G., Abdul Azeez, M.S., Naresh, K., Suneetha, S., **Amaladass, P.**, Vijayakumar, S., Hussain, I., Jayavel, R., Thangaraju, K. published a paper on “Solution processed highly transparent nitrogen-doped carbon quantum dots/ZnO hybrid thin films: A study on structural and enhanced UV emission”. DOI: 10.1016/j.apsusc.2022.155664
- Muhiuddin, G., Mahapatra, T., Pal, M., Alshahrani, O., **Mahboob, A.** published a paper on “Integrity on m-Polar Fuzzy Graphs and Its Application”. DOI: 10.3390/math11061398
- **Rajagopal, M.**, Buradagunta, S., Almeshari, M., Alzamil, Y., **Ramalingam, R.**, Ravi, V. published a paper on “An Efficient Framework to Detect Intracranial Hemorrhage Using Hybrid Deep Neural Networks”. DOI: 10.3390/brainsci13030400
- **Sekhar, M.C.**, Kumar, N.S., Asif, M., Vattikuti, S.V.P., Shim, J. published a paper on “Enhancing Electrochemical Performance with g-C₃N₄/CeO₂ Binary Electrode Material”. DOI: 10.3390/molecules28062489

- **Adarsh, A.**, Pathak, S., Chauhan, D.S., Kumar, B. published a paper on “Low-latency and High-Reliability FBMC Modulation scheme using Optimized Filter design for enabling NextG Real-time Smart Healthcare Applications”. DOI: 10.1007/s11227-022-04799-4
- **Nallabala, N.K.R.**, Kushvaha, S.S., Kumari, A., Singh, V.R., Verma, V.K., Kaleemulla, S., Singh, L.P., Jilani, S.A.K., Vattikuti, S.V.P., Bakash, K.R., Sambasivam, S., Shim, J. published a paper on “Self-powered and improved photoresponsive broadband photodetecting sensors using Au/NiFe₂O₄/p-Si heterojunction architecture”. DOI: 10.1016/j.mssp.2022.107266
- **Borah, J.**, Sheikh, T.A., Bora, J. published a paper on “Dynamic cell sleeping mechanism: An energy-efficient approach for Mobile 5G HetCN”. DOI: 10.1002/dac.5422
- Lee, J., Kwak, Y.-S., **Eswaraiah, S.**, Kam, H., Kim, Y.H., Lee, C., Kim, J.-H. published a paper on “Observational Evidence of Nonlinear Wave-Wave Interaction Over Antarctic MLT Region”. DOI: 10.1029/2022JA030738
- Rajeswari, M., **Ramalingam, R.**, Basheer, S., Babu, K.S., Rashid, M., Saranya, R. published a paper on “Multi-Objective ABC-NM Algorithm for Multi-Dimensional Combinatorial Optimization Problem”. DOI: 10.3390/axioms12040395
- Jena, R., **Chandrakanta, K.**, Singh, A.K. published a paper on “Investigation of dielectric, impedance, and magnetodielectric behavior in Bi₅Ti₃FeO₁₅-Bi₂Fe₄O₉composites prepared by sol-gel modified method”. DOI: 10.1515/ijmr-2022-0035
- **Chandrakanta, K.**, Jena, R., Singh, A.K. published a paper on “Temperature and magnetic field controlled dielectric relaxation and magnetodielectric response in KBiFe_{1.9}Co_{0.1}O₅polycrystalline”. DOI: 10.1515/ijmr-2022-0076
- Khan, N., **Saif, M.**, Usman, T. published a paper on “Evaluation of Norm of (p, q)-Bernstein Operators”. DOI: 10.1515/ms-2023-0034
- Sahoo, B., **Mehar, K.**, Sahoo, B., Sharma, N., Panda, S.K. published a paper on “Thermal post-buckling analysis of graded sandwich curved structures under variable thermal loadings”. DOI: 10.1007/s00366-021-01514-4
- **Tiwari, R.N.**, Kaim, V., Singh, P., Khan, T., Kanaujia, B.K. published a paper on “Semi-Flexible Diversified Circularly Polarized Millimeter-Wave MIMO Antenna for Wearable Biotechnologies”. DOI: 10.1109/TAP.2023.3255507
- **Praveena, N.**, Juneja, K., Rashid, M., Almagrabi, A.O., Sekaran, K., Ramalingam, R., Usman, M. published a paper on “Hybrid gated recurrent unit and convolutional neural network-based deep learning mechanism for efficient shilling attack detection in social networks”. DOI: 10.1016/j.compeleceng.2023.108673
- Aurtherson, P.B., Nalla, B.T., Srinivasan, K., **Mehar, K.**, Devarajan, Y. published a paper on “Biofuel production from novel Prunus domestica kernel oil: process optimization technique”. DOI: 10.1007/s13399-021-01551-5
- **Pattanayak, S.**, Loha, C., Kumar Singh, R., Saha, D. published a paper on “Experimental investigation of thermal performance, kinetic triplets, and synergistic effect for bamboo-waste plastic (PP & PE) blends using thermogravimetric analyser in N₂”. DOI: 10.1016/j.seta.2023.103266

- **Roy, S.**, Tripathy, N., Pradhan, D., Sahu, P.K., Kar, J.P. published a paper on “Investigation of Switching Behavior of ZnO/TiO₂ Multilayer Configurations”. DOI: 10.1007/s11664-023-10383-0
- Bommireddy, P.R., Karnam, J.B., M, C.S., Park, S.-H. published a paper on “Ni-Co PBA-decorated CNTs as battery-type cathode materials for potassium-ion hybrid capacitors”. DOI: 10.1016/j.est.2023.106870
- Saravanan, D., **Rajakumar, R.**, **Sreedevi, M.**, **Dinesh, K.**, Sudha, S.V., Anguraj, D.K., Mubarakali, A. published a paper on “multi-objective swarm-based model for deploying virtual machines on cloud physical servers”. DOI: 10.1007/s10619-021-07341-2
- Sivalingam, V., Zhou, Q., **Selvam, B.**, Sun, J., Pandiyan, K., Gupta, M.K., Korkmaz, M.E. published a paper on “A mathematical approach of evaluating sustainability indicators in milling of aluminium hybrid composite by different eco-friendly cooling strategies”. DOI: 10.1016/j.susmat.2023.e00605
- **Pattanayak, S.**, Loha, C. published a paper on “Investigation of kinetic triplets and thermodynamic parameters of different species of bamboo-biomass from North-East India”. DOI: 10.1002/kin.21639
- Rath, A., Mohapatra, S.R., Singh, A.K., Kaushik, S.D., Dhara, S., **Chandrakant, K.**, Jena, R., Mohanty, H.S., Tripathy, S.N. published a paper on “Substantial enhancement in magnetic and magnetodielectric properties of 0.7(Bi₂Fe₄O₉)-0.3(La_{0.67}Sr_{0.33}MnO₃) composite”. DOI: 10.1016/j.jmmm.2023.170813
- **Narasimha Murthy, K.V.**, Amaranatha Reddy, T., Vijaya Kumar, K. published a paper on “Retraction Note: A UCM Approach for Forecasting the Seasonal Rainfall Patterns in Coastal Andhra Pradesh, India 1901–2017(Pure Appl. Geophys., (2020), 177, (5551–5565),”. DOI: 10.1007/s00024-023-03263-5
- **Krishna, R.**, Colak, I. published a paper on “Advances in Biomedical Applications of Raman Microscopy and Data Processing: A Mini Review”. DOI: 10.1080/00032719.2022.2094391
- Nagappan, S., Duraivel, M., Elayappan, V., Muthuchamy, N., **Mohan, B.**, Dhakshinamoorthy, A., Prabakar, K., Lee, J.-M., Park, K.H. published a paper on “Metal–Organic Frameworks-Based Cathode Materials for Energy Storage Applications: A Review”. DOI: 10.1002/ente.202201200
- Savari, G.F., Sathik, M.J., **Raman, L.A.**, El-Shahat, A., Hasanien, H.M., Almakhlles, D., Abdel Aleem, S.H.E., Omar, A.I. published a paper on “Assessment of charging technologies, infrastructure and charging station recommendation schemes of electric vehicles: A review”. DOI: 10.1016/j.asej.2022.101938.

3.4 Seminars/Conferences/Workshops/Webinars/Faculty Development Programs attended by MITS Faculty

S. No.	Faculty Name	Name of the activity	Name of the Program	Date		Organised by	Venue	No. of Days
				From	To			
1	Dr. A V Pawan Kumar	MOOCS	Accreditation and outcome-based learning	Aug-22	Oct-22	IIT MADRAS	Online	8 weeks
		MOOCS	Ethics in Engineering Practice	Feb-23	Apr-23	IIT MADRAS	Online	8 weeks
		MOOCS	EFFECTIVE WRITING	Jan-22	Feb-22	IIT MADRAS	Online	4 weeks
2	Dr. K Arul Kumar	MOOCS	Design of Power Electronic Converters	Feb-23	Apr-23	IIT MADRAS	Online	8 weeks
		Skill Development Program	Li-ion Cell Testing & Characterisation	Aug-22	Oct-22	Decibels Lab Pvt. Ltd	Online	8 weeks
		Skill Development Program	Advanced MATLAB-Simulink for System Modelling	Jul-22	Sep-22	Decibels Lab Pvt. Ltd	Online	8 weeks
			FDP	Recent Advances in Electric Vehicle and Renewable Energy Integration: Challenges, Solutions and Opportunities	23-01-2023	27-01-2023	Energy Institute, Bengaluru & Assam Energy Institute, Sivasagar.	Online
3	Dr. Pratap Ranjan Mohanty	Seminar	Resource allocation algorithms for user-centric cell-free massive MIMO	10-10-2022	10-10-2022	IEEE Information Theory Society (ITS) Bangalore	Online	1 day
		Seminar	Unchaining Coding-Universal Decoding	19-10-2022	19-10-2022	IEEE Information Theory Society (ITS) Bangalore	Online	1 day
		FDP	Amazon Web Services	22-08-2022	27-08-2022	GMR Institute of Technology	Online	1 week
		FDP	Power Electronics Converters' Applications in Micro-grid and Vehicular Technology	20-07-2022	24-07-2022	NIT Rourkela	Online	1 week
4	Dr. K Lakshmi Khandan	Workshop	Substation Automation and Relay Protection Using Communication Control", SARPUC-2022	19-10-2022	19-10-2022	Department of Electrical Engineering, School of Electrical Engineering	Online	1 day
		Seminar	Awareness/Training program u	10-10-2022	10-10-2022	Intellectual Property Office, India	Online	1 day
		Seminar	Teaching Learning through Learning Management System	24-01-2022	28-01-2023	CIET-NCERT	Online	4 day
5	Dr. T S Balaji Damodhar	Workshop	National Intellectual Property Awareness Mission	17-09-2022	17-09-2022	Intellectual Property Office, India	Online	1 day

		Workshop	Cyber Security for Operational Technology Systems	24-04-2023	28-04-2023	Sri Krishna College of Technology, Coimbatore, Tamilnadu	Online	4 days
		Workshop	International and National Patent Drafting and Filing (INPDF 2022)	23-08-2022	23-08-2022	Indussance Research Consultant PVT Ltd.	Online	1 day
		Workshop	Application of Machine Learning in Electric Drives	07-10-2022	08-10-2022	Sri Siva subramaniya Nadar College of Engineering	Online	2 days
			Unchaining Coding-Universal Decoding	19-10-2022	19-10-2022	IEEE Information Theory Society (ITS) Bangalore Chapter	Online	1 day
		Seminar	POWER ELECTRONICS FOR ELECTRIC VEHICLES- 2023	24.02.2023	24.02.2023	SHREENIVASA ENGINEERING COLLEGE	Online	1 day
		Seminar	Organizing the Thoughts and Results Towards a Possible Journal Publications: The Lifecycle	08-11-2022	08-11-2022	NMIT, Bengalure	Online	1 day
6	Dr. Jawahar Babu	Seminar	The Art of Patenting and Drafting (Online-mode)	25-04-2023	29-04-2023	Department of Electrical Engineering School of Electrical Engineering	Online	4 days
		FDP	OPTMAIZATION TECNICS USING M L FOR ENGINEERING DISIPLINE	18-07-2022	27.7.2022	E&ICT NIT WARANGAL	Online	2 weeks
		MOOCS	CONTROL ENGINEERING	Jul-22	Oct-22	NPTL IIT MADRAS	Online	8 weeks
			Solar PV partial shading mitigation and its applications	04-07-2022	08-07-2022	NIT Goa	Online	1 week
7	Dr. V B Thurai Raaj	MOOCS	Accreditation and outcome-based learning	Aug-22	Oct-22	IIT MADRAS	Online	8 weeks
		MOOCS	EFFECTIVE WRITING	Jan-22	Feb-22	IIT MADRAS	Online	4 weeks
8	Mr. Sridhar N	Workshop	National Intellectual property awareness mission	12-10-2022	12-10-2022	Intellectual Property Office, Indi	Online	1 day
		FDP	The key Enablers for Future Communication	26-03-2023	28-03-2023	VIT Chennai	Online	3 days
		MOOCS	Developing soft skills and personality	Jul-22	Sep-22	IIT MADRAS	Online	
		FDP	Student Mentorship	19-01-2023	25-01-2023	NITTR, Kolkata	Online	5 days
		FDP	Recent Advances in Electric Vehicle and Renewable Energy Integration: Challenges, Solutions and Opportunities	23-01-2023	27-01-2023	Energy Institute, Bengaluru & Assam Energy Institute, Sivasagar	Online	1 week
FDP	Effective Writing		Jan-23	Feb-23	IIT MADRAS	Online	4 Weeks	

9	Mr. N Ramesh	FDP	Electric vehicle drive system	27-02-2023	04-03-2023	Department of Electrical Engineering, JCE	Online	1 week
10	Mr. B Vijay Kumar	MOOCS	Data analytic with python	Jan-23	Mar-23	NPTL IIT MADRAS	Online	8 weeks
11	Mr. Rajesh K S	MOOCS	Analog Circuits	Jan-23	March	NPTL IIT MADRAS	Online	8 weeks
		MOOCS	NBA Accreditation and teaching and learning in engineering	Jan-23	April	NPTL IIT MADRAS	Online	8 weeks
12	Mr. Gourav Kumar Suman	MOOCS	Control Engineering	Jul-22	Oct-22	IIT MADRAS	Online	12 weeks
13	Dr.Gumpu Srinivasulu	FDP	Instructional design & delivery systems	12-09-2022	16-09-2022	MIT S	Online	1 week
14	Ms. Revathy Gopinath	FDP	Instructional Design and Delivery Systems	16.09.2022	16.09.2022	Madanapalle Institute of Technology & Science	Online	1 day
15	Mrs. K Revathi	FDP	Design and Fabrication of VLSI and Nanomaterial based Sensors	04-03-2023	07-03-2023	VIT CHENNAI	Online	1 week
		FDP	The key Enablers for Future Communication	26-03-2023	28-03-2023	VIT CHENNAI	Online	3 Days
16	Mr. G Mallikarjuna	FDP	Python for Electrical & Electronics Engineers	27-03-2023	31-03-2023	Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal	Online	1 Week
		FDP	Embedded Design with ATMEGA AVR Micro Controllers	13-04-2023	18-04-2023	GPREC	Online	1 week
17	Mr. N Shyam Sundar	Seminar	Software defined distributed battery management systems	01-06-2023	01-06-2023	IEEE Vehicular Technology Society Madras	Online	1 Day
18	Mr. M Venkatesh	FDP	Embedded Controllers and IoT Applications	10-04-2023	14-04-2023	NITTR, Chennai	Online	1 week
		FDP	“Recent Research and Advancements in Electrical and Electronics Engineering	17-04-2023	21-04-2023	Haldia Institute of Technology and The Institution of Electronics and Telecommunication Engineers	Online	1 week
		FDP	Innovative Teaching and Learning Pedagogy	01-04-2023	08-04-2023	St. Paul Institute of Professional Studies, Indore	Online	1 week
19	Dr. Sivaiah Potta	FDP	Engineering Drawing and Computer Graphics	Jul,2022	Oct 2022	NPTEL	Online	12weeks
20	Mr. Raghavendra H	FDP	3D Printing Technologies	06.09.2022	10.09.2022	VEMU Institute of Technology, Tirupati	Online	5 Days
21	Mr. Dhruvajit Sarma	FDP	Instructional Design and Delivery Systems	12.09.2022	16.09.2022	NITTR Chennai organized by MITS, Madanapalle	Online	7 days

		FDP	Recent Trends of Research in Engineering & Technology	25.07.2022	29.07.2022	Assam Down Town University, Guwahati	Online	7 Days
22	Ms. Rupshree Ozah	FDP	Instructional Design and Delivery Systems	12.09.2022	16.09.2022	NITTR Chennai organized by MITS, Madanapalle	Online	7 days
		FDP	Recent Trends of Research in Engineering & Technology	25.07.2022	29.07.2022	Assam Down Town University, Guwahati	Online	7 Days
23	Dr. Suresh kannan. V	FDP	Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)	04.07.2022	09.07.2022	Lakireddy Bali Reddy College of Engineering, Andhra Pradesh	Online	6 days
		FDP	Recent Trends of Research in Engineering & Technology	25.07.2022	29.07.2022	Assam Down Town University, Guwahati	Online	5 days
		FDP	Recent Trends in Electric Vehicles	25.07.2022	29.07.2022	PSN College of Engineering and Technology, Tirunelveli	Online	5 days
		FDP	Recent Trends in Additive Manufacturing Process and It's Applications	01.08.2022	05.08.2022	Karpagam College of Engineering, Coimbatore	Online	5 days
		FDP	Taking Research to Next Level	26.09.2022	30.09.2022	SVCE, Bangaluru	Online	5 days
		FDP	Additive Manufacturing for Environmental Sustainability	24.11.2022	25.11.2022	Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu	Online	2 Days
		FDP	Hybrid Electric Vehicles	21.11.2022	25.11.2022	GMR Institute of Technology, Rajam and Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh.	Online	5 Days
		FDP	IP Awareness/Training program	12.10.2022	12.10.2022	National Intellectual Property Awareness Mission, organised by Intellectual Property Office, India MITS, Madanapalle	Online	1 day
24	Ms. Amruta Panda	FDP	Instructional Design and Delivery Systems	12.09.2022	16.09.2022	NITTR Chennai organized by MITS, Madanapalle	Online	7 days
25	Dr. Anantha Raman L.	FDP	Programming, Data Structures and Algorithms Using Python	Jul 2022	Sep2022	NPTEL	Online	8 Weeks
		FDP	Cloud computing	Jul 2022	Oct 2022	National Intellectual Property Awareness Mission, organised by Intellectual	Online	12 Weeks

						Property Office, India		
		FDP	Data Analytics and Visualization	23.1.2023	28.1.2023	NITTR, Chennai organized by MITS Madanapalle	Online	5 Days
		FDP	Universal Human Values I	30.1.2023	03.2.2023	AICTE	Online	5 Days
26	Dr. Arunkumar D	FDP	Recent trends on Additive Manufacturing Process and its Applications	1.08.2022	5.08.2022	Karpagam College of Engineering, Coimbatore	Online	5 Days
27	Dr. Baskaran S.	FDP	Universal Human Value-II FDP	13.02.2023	18.02.2023	AICTE, New Delhi	Online	6 Days
		FDP	Soft skills for Teachers	17.10.2022	21.10.2022	NITTR, Chennai	Online	1 Week
		FDP	Data Analytics and Visualization	23.01.2023	28.01.2023	NITTR Chennai organized by MITS, Madanapalle	Online	1 week
		FDP	Advances in Materials & Manufacturing	31.10.2022	4.11.2022	NITTR, Chennai	Online	1 Week
		FDP	Introduction to Mill and Lathe Operation	30.11.2022	30.11.2022	Linkedin Learning	Online	1 Day
		FDP	Becoming a Journal Editor	09.11.2022	09.11.2022	Hindawi	Online	1 Day
		FDP	Learning Analytics Tools	Jul,2022	Oct, 2022	SWAYAM NPTEL- AICTE FDP	Online	12 Weeks
		FDP	Python for Data Science	July 2022	Aug 2022	SWAYAM NPTEL	Online	4 weeks
28	Dr. Bageerathan T.	FDP	Innovations in Mechanical Engineering	26-12-2022	30-12-2022	VVIT - Guntur	Online	5 Days
		FDP	Accreditation and Outcome Based Learning	Aug 2022	Oct – 2022	NPTEL	Online	8 Weeks
		FDP	ADDITIVE MANUFACTURING	15-12-2022	16-12-2022	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai	Online	2 Days
		FDP	Innovations in Mechanical Engineering - VVIT - Guntur	26.12.2022	30.12.2022	AICTE organized by Vasireddy Venkatadri Institute of Technology, Guntur, Andhra Pradesh.	Online	5 Days

4. STUDENT NEWS

- Mr. Munithanoj Vasanthapalle, Mr. Lokesh Ayyaswamy and Ms. Ameya Sree Kasa of CSE-AI Dept. have been selected as 2023 MITS – University Innovation Fellows.



- S. R. Roshna Rao & N Nandini two students from the Civil Dept. have been qualified for GATE with 386 and 325 scores respectively.

GATE		Scorecard			
Name of Candidate	ROSHAN RAO S R				
Parent's/Guardian's Name	S RAJA SEKHAR				
Registration Number	CE23S81214251				
Date of Birth	21-Aug-2000				
Examination Paper	Civil Engineering (CE)				
GATE Score:	325	Marks out of 100*:	24.48		
All India Rank in this paper:	13728	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	83187		26.6	23.9	17.7
Valid up to 31 st March 2026					
 Prof. PreetamKumar M. Mohite Organizing Chairman, GATE 2023 on behalf of NCB-GATE, for MoE					
<small>* Normalized marks for Civil Engineering (CE) paper ** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with the score card.</small>					

GATE		Scorecard			
Name of Candidate	NAGARI NANDINI				
Parent's/Guardian's Name	N. KRISTAPPA				
Registration Number	CE23S87116018				
Date of Birth	20-Jun-2002				
Examination Paper	Civil Engineering (CE)				
GATE Score:	386	Marks out of 100*:	29.63		
All India Rank in this paper:	8815	Qualifying Marks**	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	83187		26.6	23.9	17.7
Valid up to 31 st March 2026					
 Prof. PreetamKumar M. Mohite Organizing Chairman, GATE 2023 on behalf of NCB-GATE, for MoE					
<small>* Normalized marks for Civil Engineering (CE) paper ** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with the score card.</small>					

- C Pavan Kumar Reddy of III CSE C scored 318 in GATE 2023

GATE		Scorecard			
Name of Candidate	PAVAN KUMAR REDDY CHAGANTI				
Parent's/Guardian's Name	CHAGANTI PEDDI REDDY				
Registration Number	CS23S11103071				
Date of Birth	28-Jul-2003				
Examination Paper	Computer Science and Information Technology (CS)			<i>C. Praveen</i>	
GATE Score:	318	Marks out of 100:	29.67		
All India Rank in this paper:	13982	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	75680		32.5	29.2	21.6
Valid up to 31 st March 2026					
		<small>* A candidate is considered qualified if the marks scored are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.</small>			
Prof. Preetankumar W. Mohite <small>Organizing Chairman, GATE 2023 on behalf of NCB-GATE, for MoE</small>					

- **Chirareddygari Pradeep Kumar Reddy and Praveen Bonala** of ECE Dept. have scored 438 and 252 respectively in GATE 2023

GATE 2023 Result [EC]	
Name	CHIRAREDDYGARI PRADEEP KUMAR REDDY
Registration Number	EC23S41101020
Gender	Male
Parent's/Guardian's name	CHIRAREDDYGARI PRAVEEN KUMAR REDDY
Date of birth	17- December- 2001
Examination Paper	Electronics and Communication Engineering (EC)
Marks out of 100*	37.0
Qualifying Marks**	General 29.9, OBC (NCL)/EWS 26.9, SC/ST/PwD 19.9
All India Rank in this paper	3855
GATE Score	438

- **Mr. A. Gangi Reddy** received **ISTE 2022 Award** for “Best Electronics and Communications Engineering Student-2022”
- **Ms. Yanamala Thanmaya Sree** of CSE Dept. received **ISTE 2022 Award** for “Best Computer Science Engineering Student – 2022”.



- **Puneeth Gangarapu and Sine Nithish** of III Year CSE participated in “2nd International Conference on Data Science and Artificial Intelligence” and achieved **Best Paper Award** on 24th to 25th April 2023.
- **Gopa Vamsi, N.J. Vinay Chandra Singh, D. Shifayath Ali Khan, B. Sasidhar Reddy** of Department of CST, have **filed and published a patent** titled “Music Genre Classification By Audio Frequency Using Convolution Neural Network And MEL-Spectrograms” on 26-04-2023.
- **C. Udaykiran, G. Sravani, A. Yakshani, D. Thulasi** of department of CST, have **filed and published a patent** titled “Analyzing Issues after Covid19 Pandemic in India Using Sentiment Analysis”
- Department of **Computer Science & Engineering** Students published **43** papers in International and National Journal Publications and **35** papers were published in International and National Conferences in the year 2022-23.

- S Mohammad Tazil Raza, G Syed I Ahamed, T Syed Faizan, M Chinna Rao, M Vinay Kishore, T Dinesh, RManikanta, M China Rao from Mechanical Engineering Participated & Won 1st & 3rd Place in the Science Fair Competition on 4th to 10th October, 2022 as a part of World Space Week-2022 Celebrations By Satish Dhawan Space Centre SHAR, ISRO, Sriharikota.
- **B. Reddy Prasad Reddy** secured **1st palce** along with **Rs. 1000/- Cash prize** in **Hackaton** Competition – Organized by IIC Cell on 20th October 2022, MITS, Madanapalle.
- **Tailor Misbha** secured **3rd palce** in an **Awareness & Professional Development Programme on Cyber Security** – Organized by MITS, Madanapalle.
- **Kuppam Johari** secured **1st palce** Project Expo – Organized by MITS, Madanapalle on 14th October 2022.
- **85 Girls** students of second year MCA successfully completed course on **“Cloud Practitioner Essentials”** with **GOLD/SILVER** category through **AWS** Authorized Training conducted by NASSCOM in Collaboration with Govt. of India.

5. INNOVATION ACTIVITIES

- Awareness Program on **Global Opportunities & Challenges in Emerging Areas** is conducted on 20-06-2022
- A Technical Interaction with students has been organized by AI Dept. on 02-07-2022
- **National Innovation Day** was celebrated in the MITS Seminar Hall commemorating the birth anniversary of Dr. A. P. J. Abdul Kalam, Former President of India on 15-10-2022.
- A One Day Workshop on **“Applications of Statistics in Artificial Intelligence and Data Science”** is conducted on 20-10-2022
- A **National Education Day Program** was held in MITS on 11-11-2022
- **“MITS-INTERNAL-HACKATHON 2022”** was organized by MITS Innovation cell on 30-11-2022.
- **An Introduction to Research Document Preparation using Latex** is conducted on 17-12-2022.
- A Guest Lecture on **“Entrepreneurship Skills, Attitude and Behaviour Development”** was conducted on 27-12-2022.



- A One Day Workshop on **“Design Thinking, Critical Thinking and Innovation Design”** was conducted on 21-02-2023
- A One Day Workshop on **“Achieving Problem-Solution Fit & Product-Market Fit”** was conducted on 23-02-2023
- A One Day Workshop on **“How to plan for Start-up and legal & Ethical Steps”** was conducted on 13-04-2023.



- “**AI-Powered IOT Hardware HACKATHON, Peripherathon 1.0 -2023** : An AICTE – IDEA Lab and AICTE-SPICES” sponsored event was organized on 20-04-2023.
- Hands-on workshop on **Image Processing using MATLAB** was organized by MITS IIC and Dept. of Artificial Intelligence on 24-06-2023.
- **MITS IDEATHON 1.0** a self-driven activity was conducted by MITS Innovation Cell from 4th June to 8th July 2023.



- A One Day Workshop on “**Applications of Automated Machine Learning in Electrical Industry**” was conducted on 24-05-2023.

6. APSSDC-SIEMENS TECHNICAL-SKILL DEVELOPMENT INSTITUTE (t-SDI)

- In Electrical –Home Laboratory 147 Students were trained.



- In CBT Laboratory on Solid Edge software 133 Students were trained
- In Manufacturing-CNC Laboratory 75 Students were trained.



- In Manufacturing-Welding Laboratory 104 students were trained



- A Total of 459 students benefitted for the AY 2022-23

7. INTERNATIONAL RELATIONS

University Innovation Fellowship

- **56 Students** from CSE, ECE, MECH, AI-DS, CST & MBA had completed their spring semester program 2023 (Virtual from 13th February to 16th June 2023) on Web Design, Machine Learning, Digital Image Processing, Marketing Management & Auditing with Asia University- Taiwan.
- **52 students** from MITS have completed **Stanford University Innovation Fellowship** programme. 4 More students are undergoing training of **d-school Stanford-USA**.



Events & Workshop

- **MITS renewed a Memorandum of Understanding with Asia University-Taiwan, which** was first signed in November 2017 and now renewed for a further period of 5 years and as a result many academic activities like internships, collaborative activities, MS Programs, doctoral programs and other virtual comprehensive activities are going to take place to boost academic excellence of MITS.



- A **three-day Program** of International Delegation from **BRNO University of Technology – Czech Republic- Europe** Prof. Jiri HAZE Head of Microelectronics Dept and Dr. Pavel STEFFAN Associate Professor and Secretary of the Dept of Microelectronics in BRNO University of Technology – Czech Republic- Europe visited MITS from 20-02-2023 to 23-02-2023. The team entered into a detailed discussion on the outline of the MoU with MITS towards 1+3 Semesters MS Program in Microelectronics as a collaborative of MITS and BRNO University of Technology. The team also interacted with the students of ECE & EEE and inspired them about the trending technologies in the field of semiconductors. They also motivated the students to study MS in Microelectronics in BRNO University of Technology-Czech Republic Europe.
- **Prof. Uday Kiran Rage** from **AIZU University – Japan** visited MITS on 30-12-2022. He interacted with International Relations Office and the administrators regarding the MoU and research activities with AIZU University in Japan. The draft MoU has been shared and it is under progress for finalization.



- **Prof. Subhas Mukhopadhyay** from **Macquarie University Sydney- Australia** visited MITS on 29-12-2022. He interacted with the HoDs, administrators and the faculty for collaborative & research activities with Macquarie University Sydney- Australia. Thereafter, a guest lecture was conducted in the Seminar Hall for the benefit of

Mechanical & Computer Science students, highlighting the higher education opportunities in Australia.

- A Virtual Session by **Dr. Vladimir Kulish** - Visiting Professor of **Czech Technical University**, Czech Republic- Europe: He highlighted about the "Higher Education Opportunities in Europe" for the benefit of students of ECE & EEE. The event took place in MITS Auditorium on 07-09-2022.
- **Dr. Sremmant Basu** visited **BRNO University of Technology**- Czech Republic from 07-06-2022 to 11-06-2022 along with Dr. Vladimir Kulish visiting professor MITS. The team met Prof. Jiri HAZE Head of the dept of Microelectronics and the other administrators and discussed way forward for 1+3 Semesters MS Program Model.



- A Virtual Session by **Dr. Vladimir Kulish** - Visiting Professor of Czech Technical University, **Czech Republic- Europe**. He enlightened the students of Management Studies Department on the topic, "Opportunities in Europe." The event had happened in MITS Auditorium on 04-08-2022.
- **Mr. Phani Madhav Jathi**, Senior manager, **Citrix Systems from USA** had addressed the students of School of Computing, on 20th June, 2022 on the topic in "**Global Career opportunities in Artificial Intelligence & Machine learning**". The career talk gave the students a lot of insights on 20-06-2022.
- An **International 3-day work shop** from 08-12-2022 to 10-12-2022 on "**Advances in Space & Radar Technologies**". The program was conducted from 16-06-2022 to 18-06-2022. Prof. G. Viswanath from ISRO, Dr. V. Vara Prasad SHAR Sriharikota, Dr. M. Venkat Ratnam NARL, Dr. Durga Rao Head Radar Group NARL, Dr. P. V. Ramana Radar Tracking Head, Dr. Chris Adami Chief Engineer ATRAD- Australia and Prof. Ion Reid, Director ATRAD - Australia had created awareness on Radar Technology and interacted with the students.
- **18 Week Asia University Virtual Exchange Program for Spring Semester 2023**, commenced from 13th February 2023 and ended on 16th June 2023. 56 students successfully completed the Exchange Program on web Design, Machine Learning, Digital Image Processing & Accounting & Information.

MoU's & MoA's

- Prof. Jiri HAZE Head of Microelectronics Dept and Dr. Pavel STEFFAN Associate Professor and Secretary of the Dept of Microelectronics in BRNO University of Technology – Czech Republic- Europe visited MITS from 20-02-2023 to 23-02-2023. The team entered into a detailed discussion on the outline of the MoU with MITS.



8. SCHOLARSHIP

- **203 Students** received Scholarships worth to **Rs.54,93,460/-** from 7 Agencies (Excluding Fee Reimbursement from Govt. of A.P).
- **112 Students** received Central Govt. Scholarships worth to **Rs.39,72,260/-**
- **91 Students** received a scholarship from Private Agencies worth of **Rs.15,21,200/-**



9. IIC CELL

- Most of the students have completed/undergoing mandatory internships (R20 regulations). The internship details are given below: AY 2022-2023 (3rd/4th year B.Tech & 2nd year MBA/MCA)

ME	ECE	CSE	CST	EEE	Civil	MBA	MCA	AI&DS
300	452	892	73	239	62	159	15	73

- **MITS signed MoU** with NITTTR, Chennai with the motive of faculty training and student internships.
- **15 Industrial Visits** have been arranged and **6 MoU's** have been signed during the AY 2022-23.



- **63 students** from II YEAR EEE along with 04 faculty visited Heritage Foods Limited, B.Kothakota, Annamaiah District, Andhra Pradesh on 8th Nov 2022.



- **47 Students** from Civil Engineering department along with faculty members visited Kalyani Dam (GravityDam), Tirupati District of Andhra Pradesh, India on 12th November 2022.



10. TRAINING CELL

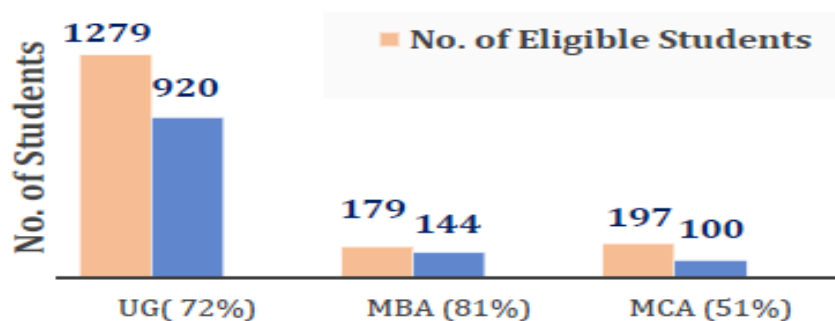
- Training cell has conducted 18 External and 12 Internal Training Activities from July 2022 to May 2023.
- **Agile Software Development Framework training** was conducted for Pre - final year B. Tech and MCA students on 23rd January 2023.
- **LTI Mindtree Campus Engagement Programme** for B. Tech and MCA students was conducted on 24th February 2023.
- **Rubicon Training on Life Skills to enhance the corporate capabilities of the students** was conducted from 13th March to 18th March 2023 and 20th March to 22nd March 2023.
- **WIPRO TalentNext Training** for B. Tech students was conducted on 18th March 2023.
- **Soft Skills Coliseum by LTI Mindtree** for B. Tech students was conducted on 20th April 2023.
- Conducted AMCAT and COCubes assessments - by third parties which evaluate job

applicants on critical areas like communication skills, logical reasoning, quantitative skills, and job-specific domain skills thus helping recruiters identify the suitability of a candidate for different job roles.

- The In-house training team conducted several training sessions, mock interviews and Group Discussions for HEXAWARE, JLL, MOBIS, Accenture, Mindtree, Brilio, Cognizant Elevate & GenC Aspirants, WIPRO etc. for B.Tech/MCA/MBA students.
- Internal Training Sessions on Aptitude, Technical & Verbal Abilities for the campus placement drives has been initiated from 12 to 16 July 2022 & 18 to 21 July 2022.

11. PLACEMENTS

- **Companies Visited:** COGNIZANT GenC – 327, Accenture – 154, LTI Mind Tree – 238, Surya Tech Solutions – 129, Vintrus EduTech – 205, PRERNA Group – 70 etc,
- **1858** Placement offers achieved for the academic year 2022-23.



- Total UG students placed: 1454 and PG students placed: 411
- Department wise break up:
 - CSE-397; CST-214; ECE-459; EEE-146; MECH-211; CIVIL- 27; MCA-126; MBA-284
- Highest Package from **Goldman Sachs** (Rs. 24,00,000) one student placed, **Infobell IT Solutions Pvt Ltd** (Rs. 1150000) 3 students placed.

12. ALUMNI CELL

- A Lecture on “**Career Development Interaction Sector for CSE students**” was given by Mr. Bharath Pasala (2005 passed out), Vice President, GoldmanSachs, NewJersey, United States on 27th Feb 2023.
- A Guest Lecture on “**Opportunities Available for Electrical Engineering Graduates in Government and Private Sector**” was given by Mr. L. Vinod Kumar (2019 passed out), Project Engineer, Hitachi Energy India, Chennai on 18th March 2023.



- Mr. K. Ranjith Kumar (Alumnus of CSE 2003-2007 Batch), Working as Architect–Samsung R&D Institute, Bangalore delivered a Guest Lecture on the title “**Career Guidance on Recent Trends in Computer Science**” on 23-6-2023



- A Guest Lecture on “**Linux and Databases**” was given by Indu Priya Aluru, Software Developer, Infobell IT Solutions, Bangalore on 07.01.2023
- Our Alumni from various reputed companies like Genpact, Cognizant, HCL, Synergy Marine Group, Oracle, Abbott Rapid Diagnosis-USA, Tekion, Infobell IT Solutions, Goldman Sachs-US, Wipro, Piramal Finance, Hitachi Energy, CAPCO Technologies, Apple, IBM, Samsung etc., have delivered 23 Guest Lectures in Online mode & Offline mode during the period August 2022 – June 2023.

13. SPORTS NEWS

- One Student from Civil Dept. participated in Kabbadi held in MITS, Madanapalle bagged 1st prize.
- Department of Physical Education Organized 74th Republic Day of India celebrated based on the theme “**Nation First, always first**” at MITS Campus on 26th of January 2023.



- The department of Physical Education and sports had organized a “**Fresher’s Day Sports**” event to the new admitted students. It was held during 28th Nov – 2nd Dec 2022.
- Hon. Vice Chancellor of JNTU Appreciated Dr. C. Damodharan, Physical Education Director of MITS for the performance shown by MITS in sports. He appreciated our

basketball men team for their good performance in the inter collegiate competition.



14. NCC ACHIEVEMENTS

- MITS NCC Sub Unit has achieved 100% result in “**B-Certificate – Examination**” and 84.6% result in “**C-Certificate – Examination**” during the academic year 2022-2023



- **37** Cadets attended “**Annual Training Camp-II**” held at District Police Training Center, Chittor from 01-06-2022 to 10-06-2022
- **TWO** Cadets attended “**Advanced Leadership Camp**” held at Raipur from 06-07-2022 to 17-07-2022.
- **FIVE** Cadets attended “**Army Attachment Camp**” held at Secundarabad from 22-08-2022 to 31-08-2022.
- **NINE** Cadets attended “**Combined Annual Training Camp-9**” held at District Police Training Center, Chittor from 06-11-2022 to 13-11-2022.
- **39** Cadets attended “**Combined Annual Training Camp-1**” held at PVKN Govt college, Chittor from 03-05-2023 to 12-05-2023.
- **A Total of 26 Events were Organized by MITS NCC and a total of 92 Cadets Attended to Camps in the academic year 2022-23**

15. NSS ACHIEVEMENTS

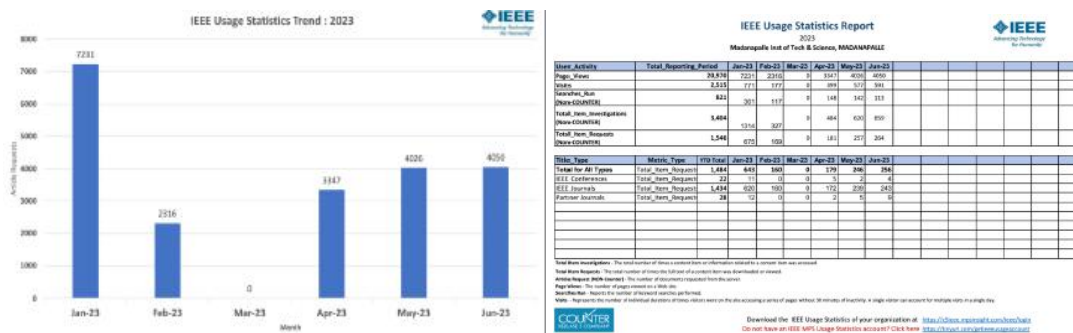
- An Awareness camp on **Electoral Enrolment** was Organized by NSS Cell MITS, in association with **Revenue Dept. Kurabalakota** from 3rd to 6th December 2022.
- NSS Cell – MITS organized an **Anti- Drug Awareness** Camp on 21st December 2022 to motivate students about prevention of drug usage.
- **World Water Day** was Organized by NSS Cell MITS on 23rd March 2023 to inspire measures to tackle the water and sanitation crisis.
- NSS cell MITS organized a Blood Donation Camp in association with **Rotary Club** on 17th April 2023 & donated 150 Units of Blood.

- NSS cell MITS organized a Blood Donation Camp in association with **Lions Club** of Madanapalle on 14th April 2023. 150 Units of Blood was donated by Students and Staff.



16. LIBRARY

- 496 volumes with 127 titles added in central library worth of Rs.5.23 Lakhs
- 78 Print Journals with a total value of Rs. 2.1 Lakhs were added to the library.
- 3,879 volumes of online journals, worth a total of Rs. 8.7 Lakhs, have been added to the central library.



- A total of 3,879 journals, 62,637 Volumes and 10,100 Titles were there for the AY 2022-23.

17. Entrepreneur Development (ED) Cell

- A total of **12** events were organised by ED cell, with **5 entrepreneurs** and **1693 student participants** for the academic year 2022-23
- A Seminar on “**How to Groom Entrepreneurs**” was conducted for CSE students on 24-01-2023
- A Webinar on “**Entrepreneurship challenges in 21st Century**” was conducted for MBA students on 10-02-2023.
- A Webinar on “**Role of Women in Tech Leadership**” was organized for MBA students on 27.07.2023.
- Entrepreneurship development cell in association with Department of Management Studies organized an “**Arts & Crafts Exhibition-2023**” on 17-07-2023.



- In association with Acharya N. G. Ranga Agricultural University, Virtual Orientation Programme on “**AGRI Business Incubation Scheme & The Funding Opportunities for AGRI Innovators**” was conducted on 06-07-2023.



18. YOGA Club

- In SAAP Yoga League State Level competition, our student Mr. D. Aravind of EEE 3rd year achieved 3rd place in the yoga competition held on 29th December 2022
- Mr. D. Aravind of EEE 3rd year student participated in 28th **International Yoga Festival** held on 04-01-2023 to 07-01-2023 organized by Government of Puducherry.
- Yoga Association of West Godavari organized the **Andhra Pradesh State Level Yoga League championship** on 19th March 2023. Mr. D. Aravind of EEE 3rd year attended the competition and got laurels to our institution by getting **GOLD medal** in the championship.
- Mr. D. Aravind of EEE 3rd year is shortlisted for South zone Selections for **National Championship** to be held in June 2023.

MITS Student got 3rd place in Andhra Pradesh Yogasana Sports Championship



By Our SkyBase Staff Reporter
 Rajanagalla, November 20: D Aravind studying B Tech and year EEE in Rajanagalla Institute of Technology & Sciences near Rajanagalla has shown talent in the state level yoga competition. Principal of the college

Dr C Yuvraj said in the press meet on Sunday. The Yoga Sports Association of Andhra Pradesh organised the 37th Andhra Pradesh Yogasana Sports Championship—2022 at Sri Arun's Vidyal High School, Bhimadole, Nellore district. He said that D Aravind has shown talent and is in third place in this championship. College Secretary and Correspondent Dr N Vijaya Bhaskar Choudary, Executive Director Keesari Sankha, Principal Dr C Yuvraj, Physical Director Damodaram, and others congratulated him.

19. MITS Social Responsibility Club



Sl. No	Name of the Club Activity	Club Name	Student participants	Total Participants	Count (*Clubs)
1	Freshers' Day Celebration	Arts & Cultural Club	150	400	2
2	Ashv' 2023		250		
3	Road Safety	MSR CLUB	60	60	1
4	Fund with Tech	Tech Club	20	20	1
5	Republic Day Celebrations	Sports Club	60	140	1
6	Talent Hunt	Film Makers Club	20	155	7
7	Kaizen - The Thoughts Café-Week1		25		
8	Kaizen - The Thoughts Café-Week2		30		
9	Kaizen - The Thoughts Café-Week3		25		
10	Kaizen - The Thoughts Café-Week4		20		
11	Kaizen - The Thoughts Café-Week5		20		
12	Kaizen - The Thoughts Café-Week6		15		

20. OTHER INFORMATION

- Inaugurated of AI & DS Computer Laboratory on 6th March 2023 worth of 1.5 crores.



- Two New Staff Rooms for the CST & CSE departments has been created.



