

MGIT'S QUARTERLY

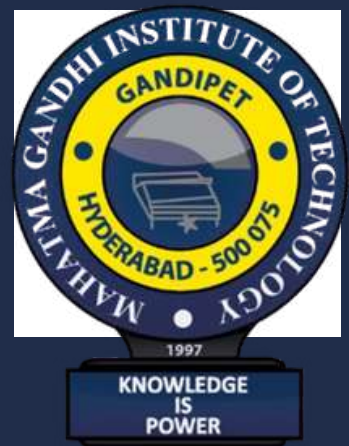
NEWS LETTER

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY



ABOUT US

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



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TRAINING & PLACEMENTS

Details of B.Tech. Placements

S.No	CSE	ECE	EEE	IT	MECH	MCT	CIVIL	MME	CSB	CSD	CSM
1	41	34	11	7	9	3	2	9	6	14	6

S.No	Name of the Company Visited	No of Students Recruited by the Company	Details of Package Offered(LPA)
1	Nalsoft	1	7
2	AT & T	1	14
3	Qualcomm	1	30
4	Deloitte -USI	1	4
5	Minfy Technologies	2	6.5
6	Bharat Electronics Ltd	4	12.46
7	Service now	0	42
8	Palni	2	5
9	Amara Raja	5	4.2
10	Relisys	3	2.5
11	JK Fenner	1	4.5
12	Soul AI	5	3
13	Segurosoft	1	4
14	TBEA Energy (India) (Grid Manufacturer)	1	4.5

TRAINING & PLACEMENTS

15	BHEL - GE (2024)	1	4
16	Edu- Versity	18	8
17	Technipfmc	1	6.91
18	Jade Business Solutions	6	4
19	Astrum Steel Services	1	1.8
20	Mukand Sumi	1	6.12
21	Sandvik	1	3.6
22	Imagine Technologies	1	3.6
23	Mahindra & Mahindra	4	6.2
24	Nyeras EduTech & Innovation	10	7.5
25	Elythra Edufyi Tech Solutions	30	7
26	Conquer E- Learning	35	6
27	Trundl	2	3.5
28	NDevice IT Solutions	1	3.6
29	Colorshine	1	4
30	Infosys	1	6.25

TRAINING & PLACEMENTS

Name of the Program	Name of the Resourse person with organziaton Details	Duration and Dates	Year & Department	No of students attended
Salesforce Internship Program Cohert -1	Salesforce	82 hours 8 Weeks Program 21.05.25- 18.07.2025	VI Sem ECE & CSE allied	128
Session on "Generative AI-From Industry Prospective"	Ms. Aparna Vedam Director - Program & Project	1 hour 6/10/2025	CSE, IT, CSB, CSD& CSM	300
Knowledge Sharing Session On "Think-Code-Compete; Shaping your	Mr. Amit Bansal	3 hours 4/16/2025	ECE, EEE, CSE, IT, CSB, CSD& CSM	400
Skilling Using Knowledge-Skill-Attitude Approach	Mr.Ashutosh K Akhouri Being Zero	2 hours 29.04.25	V Sem CSE, ET, IT, CSB, ECE	500

TRAINING & PLACEMENTS

Skill development Programs

- Knowledge Sharing Session on Generative AI by Ms Aparna Vedam, Director- Program & Project Management, AI Services.
- The Session had a great impact on the Understanding of the Latest Trends in the AI World.



- Knowledge Sharing Session on “Skilling Using Knowledge-Skill-Attitude Approach” by Mr. Ashutosh from Being Zero.
- The Session was lively with Real life Examples of Coding and also make the Students understand the importance of Competitive Coding.



NSS ACTIVITIES

Date of Activity: 25 th MAY 2025

No. of students participated: 350

Name of the Event: Anti-DRUG Awareness



NSS ACTIVITIES

Date of Activity: 17th JUNE 2025

No. of students participated: 250

Name of the Event: International Yoga Day



క్రైమ్ మిర్రర్
Crime Mirror



ఎంజీఐటీలో యోగా డే సందర్భాలు

గంటిపేటిక్రియో మిర్రర్: మహాత్మా గాంధీ జన్మస్థిట్టాల్ అఫ్ విశ్వాల్ కళాశాలలో ఎన్ఎస్ఎస్ యూనిట్ అధ్యక్షులలో యోగా డేను పునంగా నిర్వహించారు. ఈ సందర్భంగా కళాశాల ప్రెసిడెంట్ ప్రొఫెసర్ జి.చంద్రమోహన్రెడ్డి ముఖ్యఅతిథిగా పాల్గొన్నారు. యోగా, దాని యొక్క ప్రాముఖ్యతను ప్రతి ఒక్కరు తెలుసుకోవలసివచ్చింది. ఈ యాంత్రిక జీవన విధానంలో మునుషులు కూడా యంత్రాల విధంగా పని చేస్తున్నారన్నారు అందు వల్ల ఎన్నో ఆరోగ్య సమస్యలు వస్తున్నాయన్నారు. దానికి చక్కని పరిష్కారం యోగా, దినసరి వ్యాయామం అని తెలిపారు. ఇషా పౌండేషన్ వాలంటీరు ప్రభుత్వంతో కలిసి విద్యార్థులలో చక్కని వ్యాయామాలు చేయించారు. ఈ కార్యక్రమంలో ఎన్ఎస్ఎస్ ప్రోగ్రాం అఫ్సర్ డాక్టర్ జి.చాలిరెడ్డి, ఎన్ఎస్ఎస్ రోఆర్గనైజర్లు కె.పృథ్వీరాజ్, సి.హెచ్.సుధా, సుమారు 200 మంది విద్యార్థులు పాల్గొన్నారు.

సాక్షి



ఎంజీఐటీలో యోగా దినోత్సవంలో పాల్గొన్న విద్యార్థులు

నిత్యం యోగా చేయాలి

మణిరెండ: ప్రతి ఒక్కరూ నిత్యం వ్యాయామం, యోగా చేయాలని మహాత్మాగాంధీ జన్మస్థిట్టాల్ అఫ్ విశ్వాల్ కళాశాల ప్రెసిడెంట్ జి.చంద్రమోహన్రెడ్డి అన్నారు. మంగళవారం కళాశాలలో ఎన్ఎస్ఎస్ యూనిట్ అధ్యక్షులలో యోగా డే నిర్వహించారు. దాన్ని ప్రారంభించిన

అయిన మాట్లాడుతూ..యోగాతో అనేక రోగాలు దరిచేరడం లేదని ప్రపంచ వ్యాప్తంగా గుర్తించారన్నారు. ఈ సందర్భంగా ఇషా పౌండేషన్ వలం టీర్ ప్రత్యక్ష యోగా ప్రాముఖ్యతను వివరించి అనేక అసనాలను నేర్పించారు. ఈ కార్యక్రమం లో ఎన్ఎస్ఎస్ ప్రోగ్రాం అధికారి డాక్టర్ జి.చాలిరెడ్డి, కోఆర్డినేటర్లు కె. పృథ్వీరాజ్, సి.హెచ్.సుధా, విద్యార్థులు పాల్గొన్నారు.

CLUB ACTIVITIES

Signature Day - Photography Club Signature Day was all about love, laughter, and a little bit of tears as MGIT bid farewell to the 2025 batch seniors. The Photography Club was there to frame every memory — from cheerful group shots to candid emotional moments and the joy of signatures being exchanged on 06-06-2025.



- Released Reel “RIP HRIDAY” - Drama and filmmaking club on 11-05-2025 by Spotlight - Drama and filmmaking club has released a reel promoting a national reel making competition



CLUB ACTIVITIES

- Painting competition held by Art Club of MGIT on 29-04-2025 Initiated by Telangana Anti-Narcotics Bureau



INSTITUTE LEVEL ACTIVITIES

S.N	Name of the event	Organized by	Date	Remarks
1	Help Desk	CGC-MGIT in collaboration with PALOMA EDUCATION OVERSEAS CONSULTANCY, HYDERABAD	01.05.2025	The team provided the details about study abroad opportunities to the students of various brances

DEPARTMENTAL ACTIVITIES

CIVIL

- Manikya Kumar A N V D, GIS Consultant, delivered a guest lecture to B.Tech Civil, IV and VI Semester students on “Modern Trends in GIS and Remote Sensing” On 29th April, 2025.



DEPARTMENTAL ACTIVITIES

EEE

- The department has arranged site visit to CPTI, Hyderabad for the students on 28-04-2025.



- A one-week Faculty Development Programme on “Advancements in Battery Technology and Management for Sustainable E-Mobility” was conducted from 16-06-2025 to 20-06-2025 for the staff.
- A one-day training program on “Real-time Power Quality and Thermal Analysis in Electrical Distribution System using Advanced Tools” was organized for the students on 12-06-2025.



DEPARTMENTAL ACTIVITIES

CSE

- On April 3, 2025, 42 Students from Computer science and Engineering embarked on an enlightening industrial visit to the Indian National Centre for Ocean Information services(INCOIS) in Pragathi Nagar, Hyderabad . Faculty Coordinators are G Naga Sujini, P Satya Shekar Varma and K Shirisha.



- One day workshop Social Emotional Stress in Students Neuro biological perspective was conducted for the CSE 2nd and 3rd year students on April 10th 2025.

A SESSION ON
SOCIO EMOTIONAL STRESS IN STUDENTS:
A NEURO BIOLOGICAL PERSPECTIVE

SPEAKER: Dr.P.Nagaraju,
Academician, Wellness Coach, Yoga
Therapist

THURSDAY, APRIL 10th, 2025

VENUE: MAHATMA GANDHI INSTITUTE OF TECHNOLOGY,
AUDITORIUM, HYDERABAD

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DEPARTMENTAL ACTIVITIES

IT

- Organized a One-Week Boot Camp on “Internet of Things” from 7th to 11th April 2025, with Dr. D. Vijaya Lakshmi as the Convener; Dr. M. Rudra Kumar, Dr. Ch. Prem Kumar, and Mr. B. Lokesh as Coordinators; and Dr. N. Sree Divya, Ms. J. Hima Bindu, and Mr. B. Tulasi Das as Organizers, featuring resource persons Vinay Vanish, Junior Research Fellow, Embedded Systems, NIELIT Aurangabad, and Vaibhav Bansode, WBL Candidate, NIELIT Aurangabad, conducted for B.Tech VI Semester (IT & CSBS) students.
- Organized a One-Day Workshop on “Exploring Quantum Computing Concepts, Algorithms, and Real-World Applications” on 21 April 2025, with Dr. D. Vijaya Lakshmi as the Convener; Dr. M. Rudra Kumar, Dr. Ch. Prem Kumar, and Mr. B. Lokesh as Coordinators; and Mrs. A. Amulya and Mr. B. Tulasi Dasu as Organizers, featuring Dr. S. Kranthi Kumar, Associate Professor, Symbiosis Institute of Technology, Hyderabad Campus, as the Resource Person, conducted for B.Tech VI Semester (IT & CSBS) students.
- Organized an Industrial Visit to the Indian National Centre for Ocean Information Services (INCOIS), Ocean Valley, Pragathi Nagar (B.O), Nizampet (S.O), Hyderabad, on 03 April 2025 for B.Tech VI Semester (IT & CSBS) students.

ET

- ESSO- INCOIS is mandated to provide ocean information and advisory services to society, industry, government agencies and the scientific community through sustained ocean observations. Dr. T V RajiniKanth along with some other faculties have visited the Tsunami Centre and Satellite station centre and etc – 4th April 2025.
- Mr V R K Prasad, Senior Project Manager, Morgan Stanley, Bangalore delivered a guest lecture on “Designing Data Intensive Systems” on 21st June 2025.

DEPARTMENTAL ACTIVITIES

MME

- Organized an Invited talk by Mr. G. Viswanath, Manager of Quality at Controls Southeast USA on Metallurgy in Industry on 13 June 2025.



- Mr. Siribabu, Assistant Director, NABL, Bangalore and 2007 MME Alumnus, has conducted an awareness program of NABL Accreditation in Academic Institute of April 23, 2025.

MGIT organized an **Awareness Program on NABL Accreditation** on 23.04.2025. The speaker was **Mr. Siribabu, Assistant Director of NABL and a 2007 Alumnus of MME MGIT**. Faculty members, Students, and professionals from other organizations also took part in this program.



DEPARTMENTAL ACTIVITIES

M&H

- Organized a workshop on “Protecting Intellectual Property Rights (IPRs) and IP Management for Start-ups” by Prof U.K.Choudhary with the guidelines from the Ministry of Education’s Innovation Cell (MIC) on 24th April, 2025.
- Dr.C.S.Srinivas delivered a Guest Lecture at Malaviya Mission Teacher Training Program, Osmania University in “Three week Industrial Training Program for the faculty of English, Government Polytechnics of Telangana State” on 06.06.2025.

FACULTY ACHIEVEMENTS

CIVIL

- P.Sharada, “Life Cycle Assessment of geopolymers concrete using Flyash and Slag for sustainable infrastructure, Innovative Infrastructure Solutions”, Volume 10, article number 270, (2025), June 2025, <https://link.springer.com/article/10.1007/s41062-025-02084-w>
- Dr S Bala Padmaja, “A Simplified Evaluation to Analyze Seismic Stability of c-ø Backfill Carrying Uniform Surcharge: Non-Linear Backfill Response, Transportation Infrastructure Geotechnology”, June 2025, <https://doi.org/10.21203/rs.3.rs-6775797/v1>
- Abhishek viswhvakarma, Dr.D.Tarangini, “Optimization of Geopolymer Concrete Mix Design Using Response Surface Methodology (RSM) for Enhanced Compressive Strength in MINITAB,” Journal of Engineering Sciences, Volume 16, June 2025, <https://www.jespublication.com/uploads/2025-V16I649.pdf>

FACULTY ACHIEVEMENTS

- D. Tarangini J.Navdeep, “Eco-friendly Concrete Using Bagasse Ash and Synthetic Fibres: A Taguchi Optimization Approach”, Journal of Engineering Sciences, Volume 16, June 2025 , <https://www.jespublication.com/uploads/2025-V16I649.pdf>
- Dr. V.Venkat Ramayya, Associate Professor & HoD is reviewer for Jordan Journal of Civil Engineering. Reviewed “Sustainable Pavement Solutions: Impact of Compaction Temperature on Organic Additive-Based Warm Mix Asphalt” June 2025.
- Dr.D.Tarangini, Mr.S.Jayaprakash Narayana, Mr.K.GovindGoud, Ms.K Krishna BhavaniSiram , Mr.A.Abhilash and Dr.T.SivaSankar Reddy attended FDP of 5 days during 21-04-2025 to 25-04-2025 on “Applications of Composites and Nano Fillers in Civil Engineering” organized by CBIT.
- Dr.D.Tarangini has successfully completed 12-week NPTEL Course on “Maintenance & Repair of Concrete Structures” Jan-Apr 2025.

EEE

Conference Publications

- Dr. P. Chandrasekhar presented the paper titled “Implementation of Capacitive Banks to Improve Reactive Power” at the International Conference on Recent Innovation in Technologies (ICRIT-2025), held at Grace College of Engineering, Thoothukudi, on 14.05.14.05.2025 & 15.05.2025.ISBN: 978-81-989720-1-9.
- Dr. P. Chandrasekhar presented the paper titled “Analysis of Power Transformer and Distribution Transformer for Communication Systems” at the International Conference on Innovations in Engineering and Management for Sustainable Development (ICIEMSD-2025), organized by Ematrix Embedded and Software Solutions Pvt. Ltd., on 30.04.2025.

FACULTY ACHIEVEMENTS

- Dr. P. Chandrasekhar presented a paper “Real Time Encoder Feedback for PID Controlled DC Motor” at the International Conference on Innovations in Engineering and Management for Sustainable Development (ICIEMSD-2025), organized by Ematix Embedded and Software Solutions Pvt. Ltd., on 15.04.2025.
- Mrs. N. Madhuri presented a paper “Implementation of Capacitive Banks to Improve Reactive Power” at the International Conference on Recent Innovation in Technologies (ICRIT-2025), held at Grace College of Engineering, Thoothukudi, on 14.05.2025 & 15.05.2025. ISBN: 978-81-989720-1-9.
- Mrs. N. Madhuri presented a paper “Analysis of Power Transformer and Distribution Transformer for Communication Systems” at the International Conference on Innovations in Engineering and Management for Sustainable Development (ICIEMSD-2025), organized by Ematix Embedded and Software Solutions Pvt. Ltd., on 30.04.2025.
- Mrs. P. Veera Bhadra Kumari presented the paper “Implementation of Capacitive Banks to Improve Reactive Power” at the International Conference on Recent Innovation in Technologies (ICRIT-2025), held at Grace College of Engineering, Thoothukudi, on 14.05.2025 & 15.05.2025. ISBN: 978-81-989720-1-9.
- Mrs. P. Veera Bhadra Kumari presented a paper “Analysis of Power Transformer and Distribution Transformer for Communication Systems” at the International Conference on Innovations in Engineering and Management for Sustainable Development (ICIEMSD-2025), organized by Ematix Embedded and Software Solutions Pvt. Ltd., on 30.04.2025.
- Mr. P. Ranjith Krishna presented a paper “Analysis of Power Transformer and Distribution Transformer for Communication Systems” at the International Conference on Innovations in Engineering and Management for Sustainable Development (ICIEMSD-2025), organized by Ematix Embedded and Software Solutions Pvt. Ltd., on 30.04.2025.

FACULTY ACHIEVEMENTS

FDPS, STTPS, WORKSHOPS & SEMINARS ATTENDED

- Dr. P. Chandrasekhar attended a One Week FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” held at MGIT, Hyderabad, from 16-06-2025 to 20-06-2025.
- Dr. P. Chandrasekhar participated in a seminar on AICTE–Industry Fellowship Program held at New Delhi on 16-06-2025.
- Dr. P. Chandrasekhar attended a seminar on AICTE–QIP PG Certification Programme in Emerging Areas at New Delhi on 14-05-2025.
- Dr. P. Chandrasekhar took part in a Workshop on “Role of Artificial Intelligence Applications to Emerging Technologies” organized by PVP Siddhartha Institute of Technology, Vijayawada (Online mode) from 10-06-2025 to 14-06-2025.
- Dr. P. Chandrasekhar participated in AICTE SAMARTHAN – Internship Connect seminar at New Delhi on 07-05-2025.
- Dr. P. Chandrasekhar attended a seminar on “Publications on S&T, R&D and Systems Engineering: nature, choices, issues, ethics and case studies” at MGIT, Hyderabad on 25-04-2025.
- Dr. P. Chandrasekhar participated in a Workshop on “AICTE & Ministry of Education’s Innovation Cell – Intellectual Property Utsav” held at New Delhi from 21-04-2025 to 26-04-2025.
- Dr. P. Chandrasekhar attended an FDP on “Resilient and Sustainable Power Networks in the Era of Electric Transportation” organized by SR University, Warangal (Online mode) from 21-04-2025 to 25-04-2025.
- Dr. P. Chandrasekhar participated in an FDP on “Technovations in Smart Grid and Smart Cities” conducted by SR University, Warangal (Online mode) from 07-04-2025 to 11-04-2025.
- Dr. P. Chandrasekhar attended a Workshop on “Smart Technologies for Sustainable Energy Systems” conducted by IEEE, Uttar Pradesh Section (Online mode) from 06-04-2025 to 11-04-2025.
- Mrs. N. Madhuri attended an FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.

FACULTY ACHIEVEMENTS

- Mrs N. Madhuri participated in a Two-week FDP on “Electric Vehicles and Energy Storage Systems” organized by ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Mr. B. Narsimha Reddy attended an FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mrs. P. Veera Bhadra Kumari: attended an FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mrs. P. Veera Bhadra Kumari completed Two-week FDP on “Electric Vehicles and Energy Storage Systems” at ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Mr. P. Pradyumna attended an FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mr. P. Pradyumna also completed Two-week FDP on “Electric Vehicles and Energy Storage Systems” at ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Dr. P. Lakshmi Supriya attended FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Dr. M. Nalini Devi attended FDP on “Advancements in Battery Technology and Management for Sustainable E-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Dr. M. Nalini Devi completed Two-week FDP on “Electric Vehicles and Energy Storage Systems” at ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Dr. M. Nalini Devi attended Refresher Course on “Soil, Water and Beyond: Next-Gen Geo-Environmental Strategies (SWGES-2K25)” at CVR College of Engineering, Hyderabad, from 07-04-2025 to 11-04-2025.

FACULTY ACHIEVEMENTS

- Dr. A. Ramchandra Reddy attended FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mr. G. Gopal attended FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGSSIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mr. G. Gopal also completed FDP on “Smart Grid Technologies and Renewable Energy Integration” at CVR College of Engineering, Hyderabad, from 21-04-2025 to 26-05-2025.
- Mr. S. Abhishek Reddy: attended FDP on “AI and Machine Learning for Electrical Engineering” at RAMCO IT, Rajapalayam, from 05-05-2025 to 09-05-2025.
- Mr. G. Gopal completed Two-week FDP on “Electric Vehicles and Energy Storage Systems” at ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Dr. Ch. Vinay Kumar attended FDP on “Advancements in Battery Technology and Management for Sustainable e-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mrs. S. Sudha Rani attended FDP on “Advancements in Battery Technology and Management for Sustainable E-Mobility” at MGIT, Hyderabad from 16-06-2025 to 20-06-2025.
- Mrs. S. Sudha Rani completed Two-week FDP on “Electric Vehicles and Energy Storage Systems” at ANITS, Visakhapatnam, from 19-04-2025 to 23-04-2025.
- Mrs. S. Sudha Rani attended Refresher Course on “Soil, Water and Beyond: Next-Gen Geo-Environmental Strategies (SWGES-2K25)” at CVR College of Engineering, Hyderabad, from 07-04-2025 to 11-04-2025.
- Mr. G. Arun Kumar completed a Ten-Day Online FDP on “Electric Vehicles: Converters, Propulsion, and Control” jointly organized by Electronics & ICT Academies (NIT Warangal) and National Knowledge Network, from 23-06-2025 to 03-07-2025.
- Mr. P. Ranjith Krishna attended FDP on “Advancements in Battery Technology and Management for Sustainable E-Mobility” at MGIT, Hyderabad, from 16-06-2025 to 20-06-2025.

FACULTY ACHIEVEMENTS

- Mr. C. Mahesh attended FDP on “Advancements in Battery Technology and Management for Sustainable E-Mobility” at MGIT, Hyderabad, from 16-06-2025 to 20-06-2025.
- Mr. Dongari Vamshy attended FDP on “Advancements in Battery Technology and Management for Sustainable E-Mobility” at MGIT, Hyderabad, from 16-06-2025 to 20-06-2025.
- Mr. Dongari Vamshy attended a Workshop on “KAVACH” conducted by IRSET, Secunderabad, from 21-04-2025 to 02-05-2025.

Research Publications in National and International Journals

- Dr. P. Chandra Sekhar, P. V. B. Kumari, N. Madhuri, published a paper titled “Electrical Power System Fault Analysis using ETAP” in the journal Computer Research and Development, Volume 25, Issue 6, pages 998–1003, June 2025.
- Dr. P. Chandra Sekhar, B. Lokesh “Implementation of Point-By-Point Method for Interconnected Power System Network Stability Analysis”, published in the International Journal of Science, Architecture, Technology, and Environment, Volume 2, Issue 6, pages 496–502, June 2025.
- Dr. P. Chandra Sekhar authored a paper “Estimation of Electric Field of a UHV AC Transmission Line” with A. Ram Chandra Reddy in The International Journal of Analytical and Experimental Modal Analysis, Volume 17, Issue 6, pages 442–452, June 2025
- Dr. P. Chandra Sekhar authored “Estimation of Magnetic Field of a UHV AC Transmission Line” with A. Ram Chandra Reddy, published in the Journal of Engineering, Computing & Architecture, Volume 15, Issue 6, pages 72–80, June 2025.
- Dr. P. Chandra Sekhar authored “Electrical Maintenance of Power Transformer and Distribution Transformer” with B. Lokesh, K. Gangadhar, and M. Shreekhara in the International Journal of Research Publication and Reviews, Volume 6, Issue 5, pages 10563–10566, May 2025. The paper is UGC CARE indexed with an impact factor of 6.844
- Dr. Chandra Sekhar and B. Lokesh published a paper “Transient Stability Analysis of Multi-Machine Power System” in the International Research Journal of Modernization in Engineering Technology and Science, Volume 7, Issue 5, pages 3772–3775, May 2025. It is UGC CARE indexed with an impact factor of 8.187

FACULTY ACHIEVEMENTS

- Dr. P. Chandra Sekhar authored a paper “Analysis of Power System Network Using Step-by-Step Method” with B. Lokesh in the International Journal of Science, Architecture, Technology, and Environment, Volume 2, Issue 5, pages 1634–1637, May 2025.
- Dr. P. Nagasekhara Reddy, Prashant Naresh, Rakesh Kumar Arora, B. Rajnarayanan, Anusha H., and Dr. Navaneet D. Deshpande, published a paper “Framework for Renewable Energy Adoption and Environmental Sustainability in Urban Infrastructure” in the International Journal of Environmental Sciences, Volume 11, No. 11S, June 2025
- Dr. P. Nagasekhara Reddy co-authored “Solar Energy and Green Energy Based Modern Technology and Its Roles in Sustainable Environmental Development” with Sachin Divate, Sanjiv Kumar Jain, Jayesh Barve, Abhishek Sharma, and Ankitha Sharma, International Journal of Environmental Sciences, Volume 11, No. 12S, June 2025, indexed in UGC–Scopus,
- Mrs. N. Madhuri co-authored the paper “Implementation of Methodology Pertaining to Transmission of Power” with P. Chandra Sekhar and P. V. B. Kumari. Computer Research and Development, Volume 25, Issue 4, pages 657–662, April 2025. Indexed in Scopus (Q3) with an impact factor of 8.57,
- Mrs. N. Madhuri also co-authored “Electrical Power System Fault Analysis using ETAP” in Computer Research and Development, Volume 25, Issue 6, pages 998–1003, June 2025. Indexed in Scopus (Q3) with an impact factor of 8.57,
- Mrs. P. V. B. Kumari co-authored “Implementation of Methodology Pertaining to Transmission of Power” with P. Chandra Sekhar and N. Madhuri, published in Computer Research and Development, Volume 25, Issue 4, April 2025. Indexed in Scopus (Q3),
- Mrs. P. V. B. Kumari also co-authored “Electrical Power System Fault Analysis using ETAP” in Computer Research and Development, Volume 25, Issue 6, June 2025. Indexed in Scopus (Q3) with impact factor 8.57
- Dr. A. Ram Chandra Reddy co-authored “Estimation of Electric Field of a UHV AC Transmission Line” with P. Chandra Sekhar in The International Journal of Analytical and Experimental Modal Analysis, Volume 17, Issue 6, June 2025. UGC CARE indexed with impact factor 6.3

FACULTY ACHIEVEMENTS

- Dr. A. Ram Chandra Reddy, co-authored “Estimation of Magnetic Field of a UHV AC Transmission Line” in the Journal of Engineering, Computing & Architecture, Volume 15, Issue 6, June 2025. UGC CARE indexed, impact factor 6.1
- Dr. A. Ram Chandra Reddy, co-authored “Solving Optimal Load Dispatch Problem Using Evolutionary Intelligence with Degree of Violation Approach” with Sheri Abhishek Reddy. This paper was published in the Journal of Computational Analysis & Applications, Volume 34, April 2025, pages 858–871.
- Mr. Sheri Abhishek Reddy co-authored a paper “Solving Optimal Load Dispatch Problem Using Evolutionary Intelligence with Degree of Violation Approach” with Annadi Ramchandra Reddy. It was published in the Journal of Computational Analysis & Applications, Volume 34, April 2025, pages 858–871, indexed in Scopus.

Books Published

- Dr. P. Nagasekhar Reddy, Prof. Raja G. V, Mr. K. Aravindhan, and Dr. Ch. Phani Kumar, authored a book titled “Fundamentals of Renewable Energy”, published by R K Publications with ISBN 9789349701540 in May 2025.
- Dr. P. Nagasekhar Reddy and G. Sai Sharan published a book “Design and Simulation of Solar Integrated Electric Vehicle” through LAP LAMBERT Academic Publishing, Germany, ISBN 9786208449100, in June 2025.
- Dr. P. Nagasekhar Reddy and Kondal Arao Punati contributed a book chapter titled “Smart Grid Architectures for Efficient Solar Power Distribution and Management” published by Rademics Research Institute, with ISBN10 9349552515 and ISBN13 9789349552517, in April 2025.
- Dr. P. Nagasekhar Reddy and Mr. K. Prashanth authored a book chapter titled “Hybrid Renewable Energy Systems and Their Optimization in Smart Grids”, published by Rademics Research Institute, with ISBN10 9349552515 and ISBN13 9789349552517, in April 2025.

Patent Published/Granted

- Dr. P. Chandra Sekhar published a patent “An IoT and Machine Learning-Enabled Smart Solar-Powered Pesticide Sprayer for Precision Agriculture” with application number 202541026572 on 11 April 2025.

FACULTY ACHIEVEMENTS

- Dr. P. Chandra Sekhar published a patent titled “An AI-Driven Online Intrusion Detection Framework for Enhancing the Security of Smart EV Charging Stations” with application number 202541026896 on 11 April 2025.
- Dr. P. Chandra Sekhar published a patent titled “IoT-Integrated Automated Machine Learning System for Urban Air Quality Forecasting and Assessment” with application number 202541029651 on 18 April 2025.
- Dr. P. Chandra Sekhar published a patent titled “Wireless Charging Device for Electric Vehicles” with application number 6446935 on 3 June 2025.
- Dr. P. Naga Sekhar Reddy was granted a patent titled “Solar Panel Roof Design for Electric Vehicles” with application number 6444012 on 22 May 2025.

ECE

Patents:

- Dr. V. Saidulu, published patent “System and Method for Improving Power Efficiency in Wireless Communication Networks”, 11/04/2025, Application Number 202541026554 A.
- Dr. V. Saidulu, published patent “Wireless LoRa Communication Based Industrial Sensor Monitor and Security Alert System”, 30-05-2025, Application Number 202541043419 A.

Papers published

- Karna Vishnu Vardhana Reddy, D. Venkat Reddy, M.V. Nageswara Rao, T.V.V. Satyanarayana, T. Aravinda Babu, “An Efficient Target Recognition Model Based on Radar–Vision Fusion for Road Traffic Safety”, Transactions on Emerging Telecommunications Technologies, Volume 36, Issue 5, 19 May 2025. DOI: 10.1002/ett.70156 (Scopus)
- Kocherla, Raviteja, Seelammal C., Rajendiran M., Reddy, D. Venkat, Suganthi D., “Harvesting The Future Energy-Optimised Machine-To-Machine Communications For Smart Grid Networks”, Journal of Environmental Protection and Ecology, 2024. (Scopus)
- Arun Kumar , P.Radhakrishnan, Ch,Raja, Aziz Nanthaamonrn phong, “Throughput analysis of optical NOMA waveform through RNN and CNN neural networks woth 256-QAM”, Journal of Optical Communications, ISSN 2191-6322, 24 April 2025. Scopus Ranking Q3. <https://doi.org/10.1515/joc-2025-0093>

FACULTY ACHIEVEMENTS

- Dr.Ch Raja, Dr. Shaik Irfan Babu, “Seismic Image Analysis for Salt Detection Using CNN”, Journal of Informetrics, April 2025, Volume 19 Issue 2, Page No: 221 – 232, ISSN: 1875-5879. (Scopus -Q1.) <https://doi.org/10.14148.JOI.2025.V19.I2.50>
- A.Bala Raju, S P Singh and Dhiraj Sunehra, “A Prosody-Driven Extension To Embedding-Guided Neural Voice Conversion For Natural And Expressive Speech Synthesis,” Industrial Engineering Journal ISSN: 0970-2555, Volume : 54, Issue 5, No. 1, May 2025, pp 57-69 (UGC CARE Group-1).
- A.Bala Raju, S P Singh and Dhiraj Sunehra, “Voice Conversion using Hybrid CNN BiLSTM-Wave Net Deep Learning Models” Communications on Applied Nonlinear Journal, ISSN: 1074-133X, Vol 32, No. 10s (2025), pp2172-85. (Scopus Indexed)

CSE

Publications:

- Dr.Rajitha Kotoju,K. Vedavathi" Machine Learning-Based Blood Group Prediction from Fingerprints "International Journal of Innovative Research IN Computer and Communication Engg(IJIRCCE) Volume 13, Issue 5, May-25.
- K.Sunitha, R.Mohana Krishna "TeleCare: AI-Assisted System to Connect Rural Patients to Urban Doctors", International Journal of Innovative research of Science, Engineering and TechnologyVolume 14, Issue 5, May 2025.
- Dr.K. Rajitha, R.Mohana Krishna "Intelligent Monitoring: Rare Event Recognition in Surveillance using Motion Features" ,International Journal of Innovative Research IN Computer and Communication Engg (IJIRCCE) Volume 13, Issue 5, May-25.
- Rashmi S. Nair, Ayalapogu Ratna Raju, E. Ahila Devi, Anusha Rajan, Aarti Sangwan & Nellore Manoj Kumar "Comprehensive compression and attention-based reconstruction model for enhancing underwater images",International Journal of Information Technology Vol 7, SCOPUS , May 2025.

FACULTY ACHIEVEMENTS

- G. Naga Sujini, P. Poornima "Secure Web Guard Chrome Extension", International Journal of Innovative Research IN Computer and Communication Engg(IJIRCCE) Volume 13, Issue 5, May - 25.
- Dr. K. Rajitha, Dr. Gousiya Begum "Human Emotion Detection Using Image Dataset (NIN-DO EXPRESS)", International Research Journal of Modernization in Engineering Technology and Science Vol:7 May 2025.(SCOPUS)
- Sravan kiran.V, M.Koteswara Rao "Graph-based Friend recommendations on Social Media using Machine Learning" Journal of Theoretical and Applied Information Technology Vol.103. No.9, May 2025.
- Dr.K.Rajitha, R. Mohan Krishna Ayyappa "Air Quality Prediction Using Time Series Forecasting Techniques" International Journal of Innovative Research in Technology, Volume 11 Issue 12, May-25.
- Shreya Pallala , Dr. P. Shyam Sunder "Deep Retino Scan- For Diabetic Retinopathy", International Journal of Science, Architecture, Technology, and Environment ,Volume 02, Issue 06, Jun-25.
- Krishna. R. Mohan, Dr. P. Shyam Sunder "AI-powered threat detection system ", World Journal of Advanced Engineering Technology and Sciences, Jun-25.
- Dr.Rajitha Kotoju, K.Shirisha "Netflow Analyzer", International Journal on Science and Technology (IJSAT) Volume 16, Issue 2, Jun-25.
- P. Poornima, K.Shirisha "Captionize: Generating Captions and Insights from Visuals" International Journal of Innovative Research IN Computer and Communication Engg(IJIRCCE), Volume 13, Issue 6 Jun-25.
- K. Sunitha,P.Satya Shekara Varma "Smart Traffic Management System (STMS)",International Journal of Innovative Research IN Computer and Communication Engg (IJIRCCE) Volume 13, Issue 6, Jun-25.
- R. Mohan Krishna Ayyappa, Dr.K.Rajitha "Conversational AI Video Assistant", International Journal for Multidisciplinary Research Volume 7, Issue 3, Jun-25.

FACULTY ACHIEVEMENTS

- Dr. K. Rajitha, G. Naga Sujini "Non-Helmet Rider Detection and Number plate extraction using YOLO and OCR", International Journal of Innovative research of Science, Engineering and Technology Volume 14, Issue 6, Jun-25.
- N Musrat Sultana, Mallarapu Venkat Sai "NeuroShield: AI-Driven Brain Tumor Detection AND Risk assessment", International Journal for Multidisciplinary Research (IJFMR) Volume 7, Issue 3, Jun-25.
- P. Poornima, N. Musrat Sultana "RADIT: An RFID based Student Wallet System", International Journal on Science and Technology (IJSAT) Volume 16, Issue 2, Jun-25.

Conferences:

- V. Subba Ramaiah, "Cyber security-Integrated Smart Grid Model Using AI Algorithms for Real-time Intrusion Detection and Power Flow Optimization," ICRDICCT-25, Apr. 2025, (Scopus indexed.)
- V. Subba Ramaiah, "AI-based Feedback Control Loop Optimization in Industrial Automation Systems using Reinforcement Learning and IoT Devices," ICRDICCT-25, Apr. 2025, (Scopus indexed.)
- V. Subba Ramaiah, "AI in Healthcare: Transforming Diagnostic Accuracy and Personalized Treatment Plans through Advanced Machine Learning Algorithms," ICRDICCT-25, Apr. 2025, (Scopus indexed.)
- V. Subba Ramaiah, "The Role of AI in Autonomous Vehicle Navigation: Ensuring Safety and Efficiency in Self-Driving Cars," ICRDICCT-25, Apr. 2025, (Scopus indexed.)

IT

- D. Vijaya Lakshmi, Anand Karthik Azmeera, Srija Reddy Ardha "Cross Age Face Recognition," International Research Journal on Advanced Engineering and Management (IRJAEM), vol. 3, no. 6, pp. 2298–2301, Jun. 2025, Coimbatore, Tamil Nadu, India, e-ISSN: 2584-2854
- Ch. Prem Kumar, "An Efficient HWPARMA-based Multi-Sector Analysis to Combat the Impact of Pandemic," in Proc. 2025 4th OPJU Int. Technol. Conf. (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0, Raigarh, India, Apr. 9–11, 2025, pp. 1–?, doi: 10.1109/OTCON65728.2025.11070782. Published by IEEE, added to IEEE Xplore Jul. 14, 2025.

FACULTY ACHIEVEMENTS

- Ch. Prem Kumar, “Enhanced Fault Detection Using Coupling and Cohesion Metrics With Deep CNN Modelling,” *Int. J. Softw. Eng. Knowl. Eng.*, 2025.
DoI: 10.1142/S0218194025500299.
- Ch. Prem Kumar, “Techniques, promising directions, challenges, datasets, and representations of facial expression analysis,” *Multimedia Tools and Applications*, 2025.
DoI: 10.1007/s11042-025-20880-5.
- Chinnakka Sudha, “Intelligent intrusion forecasting framework for distributed environment using federated learning,” *Cluster Computing*, vol. 28, p. 356, 2025, DoI 10.1007/s10586-024-05012-2.
- D. Vijaya Lakshmi, “Enhanced Image-Based Security: Integrating Cryptography and Steganography and Watermarking,” *Int. J. Adv. Sci. Commun. Technol. (IJARSCT)*, vol. 5, no. 1, May 2025, ISSN: 2581-9429.
- Dr. U. Chaitanya, “Sleep disorder detection and classification using Machine Learning,” *Int. J. Sci. Res. Eng. Manag. (IJSREM)*, vol. 9, no. 5, May 2025, ISSN: 2582-3930.
- Dr. U. Chaitanya, “A Comprehensive Risk Assessment of Genetical Disorders in Children,” presented at the 1st Int. Conf. Research Communications in Engineering, Science and Management (ICRCESM-2025), organized by M2E2C2, Ramachandra College of Engineering (A), Eluru, in collaboration with RSP Research Hub, Coimbatore, held online, 2025.
- Dr. N. Sree Divya, “Automated Environmental Control for Energy Efficiency in Malls,” *Int. J. Adv. Res. Sci. Commun. Technol.*, vol. 5, no. 4, pp. 595–602, May 2025, ISSN: 2581-9429
- Dr. N. Sree Divya, “Eye Gaze Controlled Keyboard With Predictive Text,” *Oil Research Journal*, vol. 23, no. 5, pp. 364–369, 2025, ISSN: 0029-862X.
- Dr. N. Sree Divya, “Cardiac Diseases Using ECG Image Analysis,” *Int. J. Adv. Res. Sci. Commun. Technol.*, vol. 5, no. 7, pp. 451–461, May 2025, ISSN: 2581-9429.
- Dr. N. Sree Divya, “Smart Assistance for Blind: Real-Time Image Captioning Using Computer Vision,” *Int. J. Adv. Res. Sci. Commun. Technol.*, vol. 5, no. 1, pp. 605–611, May 2025, ISSN: 2581-9429.

FACULTY ACHIEVEMENTS

- Dr. N. Sree Divya, “Voice Assist: AI-Powered Real-Time Image Captioning for the Visually Impaired,” Int. J. Sci. Res. Eng. Manag. (IJSREM), vol. 9, no. 5, May 2025, ISSN: 2582-3930.
- B. Swetha, “A Smart Flood-Responsive Bridge with Automated Elevation and Alert System,” presented at the 1st Int. Conf. Research Communications in Engineering, Science and Management (ICRCESM-2025), organized by M2E2C2, Ramachandra College of Engineering (A), Eluru, in collaboration with RSP Research Hub, Coimbatore, held online, May 30–31, 2025.
- B. Swetha, “IoT- Enabled Child Safety Mechanism” for Preventing Deaths in Vehicles,” presented at the 1st Int. Conf. Research Communications in Engineering, Science and Management (ICRCESM- 2025), organized by M2E2C2, Ramachandra College of Engineering (A), Eluru, in collaboration with RSP Research Hub, Coimbatore, May 30–31, 2025.
- A. Amulya, “Immersive Learning: Revolutionizing Education Through Sense Stimulation and Personalization,” Int. J. Res. Publ. Rev., vol. 6, no. 5, pp. 16805–16809, May 2025.
- B. Tulasi Dasu, “Two Wheeler Traffic Violations Detection and Automated Penalty Issuance System,” presented at the 1st Int. Conf. Research Communications in Engineering, Science and Management (ICRCESM-2025), held online, May 2025.
- D. Vijaya Lakshmi, “Detection of Diseases Using Retinal Imaging,” Int. J. Res. Publ. Rev., vol. 6, no. 4, pp. 3400–3411, Apr. 2025, ISSN: 2582-7421.
- D. Vijaya Lakshmi, “Geometric Feature Extraction-Based Human Detection and Authentication Using Ear Images,” presented at the International Conference on Recent Innovations in Engineering and Technology (ICRIET 2025), organized by the Department of Information Technology, Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu, India, Apr. 11–12, 2025.
- A. V. L. Prasuna, “Modelling Facial Tissue Layers for Precision Skull Overlay and Reconstruction,” Int. J. Res. Publ. Rev., vol. 6, no. 4, pp. 5475–5487, Apr. 2025, ISSN: 2582-7421. M. Vara Lakshmi, “A Systematic Approach on Deep Transfer Learning Models for Industrial Fault Diagnosis Using Vibration and Acoustic Sensors Data,” Indian Patent Application No. 202541027003, filed Mar. 24, 2025, published Apr. 11, 2025.

FACULTY ACHIEVEMENTS

- R. Vijaya Lakshmi, “Geometric feature extraction based human detection and authentication using ear images,” Proc. Int. Conf. Recent Innovations in Engineering and Technology (ICRIET 2025), Bannari Amman Institute of Technology, Sathyamangalam, Erode, Tamil Nadu, India, Apr. 11–12, 2025.

Patents:

- B. Swetha, “Hybrid Cryptographic Model for Securing IoT Data in Multi-Cloud Environments,” Indian Patent Application No. 202541056823, Jun 2025.

Special achievement:

- Ms. M. Vara Lakshmi, Assistant Professor, achieved a Guinness World Record for uploading the most videos of people playing the keyboard instrument on Instagram within one hour.



MECH

- D. Kameswara Rao, Dr. K. Sudhakar Reddy, and B. Rama Krishna. published paper on PV Panel Thermal Management Under Outdoor Conditions, Engineering and Technology (IJIRSET), Volume25,Issue 6, April 2025, Page13, ISSN1660–6795.
- Dr.S.Madhava Reddy published a paper on Modelling & Design of a Hybrid Quadruped Leg System, 2nd International Conference on Contemporary Issues in Science, Engineering & Technology (ICCISSET-2K25), May 23, 2025, Aditya College of Engineering, A.P., pp. 369–372,ISBN:978-93-342-6219-3.

FACULTY ACHIEVEMENTS

- Dr.S.MadhavaReddy published a paper on Intelligent Moving Robot Used to Acquire Data from Radiation Areas, 2nd International Conference on Contemporary Issues in Science, Engineering & Technology (ICCISSET-2K25), May 23, 2025, Aditya College of Engineering, A.P.,pp.369–372,ISBN:978-93-342-6219-3.
- Selvarajan L, Prakash B, Niranjana T, Madhava Reddy S, Singaravel B and Periasamy K published paper on A critical insight into the use of EDM for machining advanced ceramic composites – a review in An “International Journal of Machining Science and Technology” Published on 13.06.2025, PP : 1-25, ISSN: 1091-0344, <https://doi.org/10.1080/10910344.2025.2513028>
- P. Sellamuthu, Jithin P. Gibu, V. P. Suresh Kumar, S. Madhava Reddy, G. Sivaraman, A. Ramakrishnan&R. Girimurugan published paper on Experimental investigations and optimization of process parameter through high speed hard turning process on C45 steel in “AIP Conference Proceedings” published on Vol.3306, Issue 1, 07005(5th June 2025), <https://doi.org/10.1063/5.0276022>
- VaduguriMadhavi , V.V.N. SATYA SURESH published a paper on Meditation beyond mindfulness: The role of Brahmakumaris Rajyoga in Psychological wellness published on "Volume 17, Issue 5(1), May, 2025, 257-259.", ISSN:2230-9578
- T.Karthik And V.V.N.SatyaSuresh published a paper on “Impact of Rajayoga Meditation on Psychological Wellbeing Among Adults”, International Journal of Multidisciplinary Research, Volume17, Issue5,July–August 2025, pp.1–7. ISSN2582–2152 <https://doi.org/10.36948/ijfmr.2025.v07i04.54344>
- Dr. P. Srinivasa Rao published a paper on “Research Fronts - Active Fields - Leading Countries” in International Conference from 24/04/2025 to 25/04/2025 in Appl SciMeet 2025, SCI SYNOPSIS, “European Meeting on Applied Science and Engineering”, Berlin, GERMANY, https://scisynopsisconferences.com/uploads/conferences/applied-science_99/Applied_Science_2025_Book.pdf.
- Mr. M.Yadi Reddy, Mudda Nirish, and Drugan Samandaka published a paper on “Evaluation of Static and Dynamic Mechanical Performance of Builds Manufactured by Selective Laser Melting Under Various Torque Conditions for High- Performance Applications”, Journal of Characterization, Volume5, Issue2, May 2025, pp.61–72,ISSN2757–9166,

FACULTY ACHIEVEMENTS

- Mr. S. Ajay Kumar & Dr. R. Uday Kumar, published a paper on “Optimization of Injection Moulding Process Parameters for Disposable Specimen Collection Containers” in “International Journal for Research in Applied Science & Engineering Technology (IJRASET)” published on Volume 13 Issue V May 2025, Page no. 256-264, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: <https://doi.org/10.22214/ijraset.2025.70110>
- Dr. P. Srinivasa Rao published a paper on “Research Fronts - Active Fields - Leading Countries” in International Conference from 26/05/2025 to 28/05/2025 in The ICONIC Meetings on “International Experts Summit on Aerospace and Aeronautics Engineering”, Valencia, SPAIN.
https://www.aerospace.theiconicmeetings.com/Viewproceedingbooks/viewFile/5/abstract_book
- Mr. M.Yadi Reddy, Mudda Nirish, and Drugan Samandaka published a paper on Evaluation of Static and Dynamic Mechanical Performance of Builds Manufactured by Selective Laser Melting Under Various Torque Conditions for High- Performance Applications, Journal of Characterization, Volume5, Issue2, May 2025, pp.61–72, ISSN2757–9166,
- D.KameswaraRao, Hasitnagendra, Pranav data & Abhisekh Reddy, published a paper on Fabrication and Development of a 4-DOF in “International Journal of Innovative Research in Science” on Volume 14, Issue 6, June 2025, DOI: 10.15680/IJIRSET.2025.1406095
- Selvarajan L, Prakash B, Niranjana T, Madhava Reddy S, Singaravel B and Periasamy K, Published on A critical insight into the use of EDM for machining advanced ceramic composites – a review in “International Journal of Machining Science and Technology (Taylor & Francis)”, 29(4), PP.1–24, 01-06-2025, 1091-0344,
<https://doi.org/10.1080/10910344.2025.2513028>
- Dr. T. Niranjana, A.N.S.C. Bose, and G.S.Kanadasan published a paper on “Performance Optimization of ECM Parameters for Palladium-Coated Tool Electrodes Using Multi-Criteria Decision Analysis Method”, Chemical Industry and Chemical Engineering Quarterly, May 2025, pp.25–35.
- Singaravel, B., S. Devaraj, T. Niranjana, and Sumit Kumar Sharma Published on Optimization of Friction Stir Welding Process Parameters for Joining of 3D Printed Specimen in “International Conference on Additive Manufacturing, LNME (Springer)”, pp:181-190, 25-05-2025, 978-981-96-3164-3, https://doi.org/10.1007/978-981-96-3165-0_14

FACULTY ACHIEVEMENTS

- K. Santosh Kumar, A. Arun Kuttan, and B. Thoke Rasu. published a paper on “Assessing Additive Manufacturing Techniques for Polymer and Metal Matrix Composites in Aerospace Applications” , The Indian Institute of Metals Transactions (IIMT), May 2025, pp. 78–82, ISSN 0971–458X,
- C. Sucharitha, P. Shashidar, Sk. Priya , V. Ashok, G. Sukumar, B.Balaji, Published on Modelling and Fabrication of Creel Stand For Filament Winding Machine in International Scientific Journal of Engineering and Management (ISJEM) “, DOI: 10.55041/ISJEM03811, ISSN: 2583-6129.
- P.Shashidar , A. Snehal , MD. SaquibZayaan, M. Prashanth, Published on “Formulating and Producing Electromagnetic Coil Accelerator in A Projectile Motion” in International Scientific Journal of Engineering and Management (ISJEM)”, Volume: 04 Issue: 05 | May– 2025, Page numbers: 01 to 05, ISSN:2583-6129, DOI: 10.55041/ISJEM03667.
- P. Shashidar , B. Sukesh Kumar D. Pavan Kumar , K. Aksharaakruthi T. Sumith Singh, Published on Modelling and Development of Reverse Vending Machine for Pet Bottle Collection with Integrated Reward in “International Scientific Journal of Engineering and Management (ISJEM)”, Volume: 04 Issue: 05 | May – 2025, Page numbers: 01 to 09, ISSN: 2583-6129, DOI: 10.55041/ISJEM03879.
- Dr. Srinivasa Rao Pundru was a distinguished Speaker in Appl SciMeet 2025, SCI SYNOPSIS, “European Meeting on Applied Science and Engineering”, Berlin, GERMANY on April 14-15, 2025.
- Dr. Srinivasa Rao Pundru was a distinguished Speaker in “European Congress on Applied Science and Engineering”, C2P Forum, Paris, FRANCE on April 24-25, 2025.
- Dr. Srinivasa Rao Pundru was a Plenary Speaker in The ICONIC Meetings on “International Experts Summit on Aerospace and Aeronautics Engineering”, Valencia, SPAIN on May 26-28, 2025.
- Dr. P. Srinivasa Rao, Assistant Professor of ME won Nobel Researcher Award in the field of Mechanical in “Scientific Laurels International Scientific Awards” on 5th June 2025

FACULTY ACHIEVEMENTS

M&H

- Dr. S. Rajireddy appointed as a Member of the Board of Studies in the Department of Mathematics at Jawaharlal Nehru Technological University, Hyderabad (JNTUH), June 2025.
- 2. Dr. K. Srihari appointed as a Member of the Board of Studies in the Department of Mathematics at Jawaharlal Nehru Technological University, Hyderabad (JNTUH), June 2025.

FDPs/ Workshops/Courses Attended:

- Ms.G.Maibu Rani attended a 5 Day Online Faculty Development Programme on “Contemporary Research Practices: Innovations and Methodologies” organized by Guru Nanak Institutions Technical Campus, 21st -25th April, 2025.
- 2. Ms.G.Maibu Rani attended 2nd National Level Virtual Workshop- ‘VISWA – 2K25 AI in Management – A workshop on Transforming Core Functions’ organized by Dr. K. V. Subba Reddy School of Business Management, Kurnool, 3rd -5th April, 2025.

Papers Presented

- Dr.V.Harileela, presented a research paper, “From Algorithm to Accountability: The role of AI in ensuring ethical standards in fraud prevention” in the National Conference on IMPACT OF ARTIFICIAL INTELLIGENCE ON BUSINESS SUSTAINABILITY’ organized by Department of Management Studies, IFET College of Engineering, 21 – 22 April 2025.
- Dr.G.Balreddy presented a research paper, “From Algorithm to Accountability: The role of AI in ensuring ethical standards in fraud prevention” in the National Conference on IMPACT OF ARTIFICIAL INTELLIGENCE ON BUSINESS SUSTAINABILITY’ organized by Department of Management Studies, IFET College of Engineering, 21 – 22 April 2025.
- Mr.B.Sasidhar Presented a Research Paper , “From Algorithm to Accountability: The role of AI in ensuring ethical standards in fraud prevention” in the National Conference on IMPACT OF ARTIFICIAL INTELLIGENCE ON BUSINESS SUSTAINABILITY’ organized by Department of Management Studies, IFET College of Engineering, 21 – 22 April 2025.
- Ms.Suysha Agarwal published a paper on “Hindu Religion and South Asian Comics & Graphic Novels: A Cultural and Narrative Exploration.” in TIJER-International Research Journal TIJER.ORG, Vol.12, Issue 4, April-2025, ISSN: 2349-9249.

FACULTY ACHIEVEMENTS

- Dr.V.Harileela presented a paper “Artificial Intelligence for Digital Sustainability: Transforming Financial Markets and Economic Models” in the National Conference on Entrepreneurship & Innovation for a Sustainable World organized by School of Business Management, Aristotle PG College, 16 – 17 May 2025.
- Dr.V.Harileela published a research paper “Strategic Marketing in the Digital Age: Bridging Consumer Behavior and Brand Innovation”, *Advances in Consumer Research*, Vol.2, Issue:2, pp.887 – 894,2025(ABDC – C), June 2025, ISSN 3079- 1766.
- Dr.V.Harileela published a research paper “Artificial Intelligence in Consumer Decision-Making: A Review of AI-Driven Personalization and Its Managerial Implications”, *Journal of Informatics education and research*, Vol.5, Issue.2, pp.1802-1810, (ABDC – B), June 2025, ISSN 1526-4726, <https://doi.org/10.52783/jier.v5i2.2631>.
- Dr. K Srihari published a research paper, “Significance of chemical reaction and velocity slip on Magnetized Sutter by Nano fluid over Stretchable Sheet, *Results in Engineering* (Elsevier), Vol. 26, 2025, ISSN 2590-1230, June 2025.

P&C

- Y. Park, Y. Ju, N. Pal, D. Y. Kim, E.-B. Cho, S. B. Kango. “Facile one-pot solvothermal synthesis of enlarged mesoporous nickel phyllosilicate spherical catalyst for CO₂ methanation” *Journal of Alloys and Compounds*, 1029, 180743, May 2025. <https://doi.org/10.1016/j.jallcom.2025.180743>
- V. S. Vendamani, Pardhu Yella, Amrit Kumar, Bikash Ghose, Venugopal Rao Soma, “SERS-Based Vapor-Phase Sensing of Hazardous Molecules: Recent Developments and Opportunities” Vol 2,126-153, May 2025, <https://doi.org/10.1002/clem.70004>.
- Martha Ramesh, B. Venu Gopal Rao, M Ravi Chander, and Nabanita Pal “Extraordinary catalytic performance of lycopene in the conversion of amino acid like aspartic acid to aspartic thioamide using catalytic transfer sulfurization process” *Journal of the Indian Chemical Society*, 102, 101812, June 2025, <https://doi.org/10.1016/j.jics.2025.101812>.

STUDENTS ACHIEVEMENTS

CIVIL

- Ms. J. Yogeshwari has been selected for a position in AR Engineering as a Traffic Engineer – design, June 2025.
- Ms. P. Sreeja, passed out student of B.Tech Civil Engineering during the academic year 2023-24, has achieved an outstanding CGPA of 8.17. In recognition of her exceptional academic performance, she is awarded the Gold Medal as the Best Outgoing Student among all JNTUH-affiliated colleges during June 2025.

MECH

S.No	Department	Name of the Event & Venue	Dates
1	Mr. Gottiparti Abhinay B.Tech MCT student (2020-24 Batch)	Received Gold Medal at JNTUH, Hyderabad	June, 2025

INDUSTRIAL VISIT

S.NO	NAME OF THE COMPANY	VISIT DATE	NO. OF STUDENTS VISITED
1	M/s Sai Deepa Rock Drilling Tools	26/04/2025	58

- An industrial visit to M/s Sai Deepa Rock Drilling Tools, located in the Industrial Estate, Cherlapally, was organized for the students of Mahatma Gandhi Institute of Technology, Department of Mechanical Engineering (Mechatronics), VI Semester.

STUDENTS ACHIEVEMENTS

MME

- Mr. Vardhan Yadav, III Year MME has secured Ist Prize in Technical Paper Presentation at the National Level Technical Event, AYAS -25 organized by Department of Metallurgical Engineering, JNTUH, Hyderabad.

