

2022-23

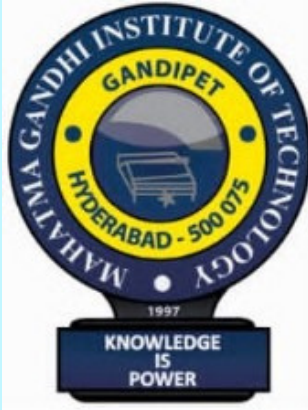
MECHATRONICS

TECHNICAL SYMPOSIUM
TECHNOVATION - 2023

GUEST LECTURE ON
INDIA DESIGN WEEK

EVENT ON
SAE STUDENT'S CHAPTER

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY(A)
DEPARTMENT OF MECHANICAL ENGINEERING



Department Vision

The Department inspires and motivates the students to acquire knowledge to develop and serve the industry and society with great zeal. It aims to transform the students into disciplined, talented citizens of impeccable character, equipped with hands-on training to make them good entrepreneurs with an emphasis on values and ethics and environmental consciousness and lifelong learning.

Department Mission

The Mission of the Department is to strive towards the development and dissemination of knowledge in the areas of Mechanical Engineering. It aims at reaching the pinnacles of technical excellence with continuous quality improvement. It is destined to train the students with a capacity to take up policy formulation and decision-making responsibilities.



B.Tech. – Mechatronics Program Educational Objectives (PEOs)

- PEO1: To prepare the students for fundamental technical knowledge and skills in Mathematics, Science and Engineering to recognize, analyse and solve problems in industry which meet the needs of Indian and Multinational companies, in the area of Mechatronics Engineering
- PEO2: To develop the ability among the students to acquire the knowledge of allied courses with the knowledge of core courses so as to understand the integration of multi-disciplinary nature of technological problems.
- PEO3: To promote the students awareness of life-long learning, and to introduce them to professional ethics and codes of professional practice.
- PEO4: To develop the students to become effective collaborators and innovators leading/ participating in efforts to address social, technical and business challenges.

Program Specific Outcomes (PSOs)

- PSO1 : An ability to identify, formulate and solve engineering problems of advanced Mechanical Engineering in the area of Robotics and Automation.
- PSO2 : An ability to apply the concepts of Mechatronics for the development of engineering applications in the area of Pneumatics, Hydraulics and Electronic Control Systems.

MESSAGE FROM THE HOD



Mechatronics, a very unique and emergent discipline, was started with the inception of the Mahatma Gandhi Institute of Technology (MGIT) in the year 1997. MGIT is the only Institute in the State and in the country to have started for the first time this innovative discipline of engineering, which is an integrated technology involving synergetic consideration and fusion of concepts of mechanical engineering, electronics, electrical, computer science and control engineering, the key element being the integration of these areas through the design process.

The Department of Mechanical Engineering (Mechatronics) offers UG and PG courses in Mechatronics and also a UG course in Mechanical engineering. The Department has forty, well qualified faculty members viz. six Professors, one Associate Professor and thirty three Assistant Professors, and is supported by qualified and experienced non-teaching staff. At present, the department has 11 Ph.D holders and 20 faculty members pursuing their Ph.D with reputed Institutions.

The Department has well-established independent laboratories like SCADA-based Instrumentation & Control systems, Computer Aided Motion Control Design, CNC & Robotics, Advanced CAD/CAM Lab with licensed software, Machine tools Lab with CNC-EDM, advanced Thermal Engineering and Heat Transfer Lab with computer-based multi-cylinder petrol engine test rig, Advanced Material testing lab with computer-based tensile and torsion testing machine. The department is also having advanced Measurement equipment like FARO gage portable CMM and 3D printing Lab, the AICTE has sanctioned a MODROBS project to the department for the modernization of the CNC & Robotics lab and also sanctioned a grant in aid for organizing a two-week FDP and one-week STTP programs.

UGC and JNTUH (TEQIP-III) have also sanctioned Research Projects to the Department. The students work with various clubs/ professional chapters like ASME, SAE, Robotics, ISTE, and Innovation Club. They showcase their potential knowledge in the form of product development and organize various workshops /seminars/conferences. Indian National Academy of Engineers (INAE), New Delhi has awarded Mechatronics students for Best Innovative Undergraduate Projects at the National Level in the area of Agricultural Robots during the Academic Years 2016-17 & 2018-19.

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FACULTY PUBLICATIONS

- Post-Surface Processing and Virtual Simulation Analysis of Ball-Punch Test on CP-Ti Material in Volume 2022, Article ID 5625427, 8, ISSN:ISBN NO:1687-8442,in Journal of Advances in Materials Science and Engineering by Dr. G. Chandra Mohan Reddy.
- Experimental investigation of cutting conditions in turning of Al-MMC in Volume 76, Part 3, 2023, Pages 488-494, ISSN:ISBN NO: 2214-7853,in Journal of Materials Today: Proceedings by Dr.G. Chandra Mohan Reddy.
- Design and development of Biped Robot for Industrial application by using advanced manufacturing system, in Volume XV, Issue III, March, 2023, pp. 71-79,in The International journal of analytical and experimental modal analysis by Dr. K. Sudhakar Reddy.
- PVT System Efficiency Enhancement using Finned System using PCM Issue 2 April 2023,Page NO : 237-250,i2n37-250, in INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING BY K. Sudhakar Reddy
- Design and development of Biped Robot for Industrial application by using advanced manufacturing system, in Volume XV, Issue III, March, 2023, pp. 71-79,in The International journal of analytical and experimental modal analysis by Dr. K. Ankamma.
- Safety Door Locking System of Cars with Effective Use of Sensors in Volume 10 Issue XII Dec 2022, Pp.85-90 in International Journal for Research in Applied Science & Engineering Technology by Dr S Madhava Reddy.
- HYPER-REDUNDANT SNAKE ROBOT DESIGN AND MODELING in November, 2022, ISSN:ISBN NO: 2301-3702,in Journal of CAMCMME by Dr. G. Chandra Mohan Reddy.
- Low Cost Robotic Furniture Module for Micro Apartments in Vol. 9, No. 2, 2022, ISSN:ISBN NO: 2301-3702, in Journal of Automation and Control Engineering by Dr. G. Chandra Mohan Reddy.
- Design of Automatic Solar Panel Using Power Performance Optimizer in VOLUME 17, ISSUE 5, May, 2023, pp. 411-419,in Journal of Xidian University by Dr. K. Sudhakar Reddy.
- ·Investigation of detonation spray deposited Cr3C2-NiCr cermet coatings for hard-facing applications in 01/02/2023 ISSN:ISBN NO: 2214-7853,in Journal of Materials Today: Proceedings by Dr. P. Venkata Ramana.
- ·Design of Automatic Solar Panel Using Power Performance Optimiser in VOLUME 17, ISSUE 5, May, 2023, pp. 411-419,in Journal of Xidian University by Dr. K. Ankamma.
- Speaking Microcontroller for deaf & dumb in Vol.10, Issue 2, Pp.264-271, Feb' 2023 in GIS Science Journal by Dr S Madhava Reddy.
- Experimental Behavior of Al 7075 with Magnesium Oxide Nano Powder Metal Matrix Composite in Vol.9, Issue 6, June 2023, Pp.338-344 in GRADIVA Review Journal by Dr S Madhava Reddy

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FACULTY PUBLICATIONS

- Design of Automatic Solar Panel Using Power Performance Optimizer in Vol.17, Issue 5, May 2023, Pp.411-419, in Journal of Xidian University by Dr S Madhava Reddy
- Smart Hydroponic System and Monitoring of Plant's Health through Machine Learning in Volume 11 Issue VI Jun 2023, Pp:4261-4263 in International Journal for Research in Applied Science & Engineering Technology by Dr S Madhava Reddy.
- Development of automatic piezoelectric transducer mesh system in Volume 11, Issue 12, December 2022, pp.16-22 in International Journal of Engineering Inventions by Dr. R. Uday Kumar.
- Augmenting heat transfer performance in a heat exchanger with CeO₂ nanofluids in 21 May 2023, in International Journal of Materials Research Innovations, by Dr. R. Uday Kumar.
- Synthesis of Multi-position 3-PRS Manipulator Based on Spherical Constraints by Eliminating the Parasitic Motion in Volume 103, Issue 6, December 2022, pp. 1447-1454 in J. Inst. Eng. India Ser. C, by Dr. Pundru Srinivasa Rao.
- Augmenting heat transfer performance in a heat exchanger with CeO₂ nanofluids on 21 May 2023, in International Journal of Materials Research Innovations by G Sreenivasulu Reddy.
- Determination of impact strength, hardness and compressive strength of friction stir welded aluminum alloy 6061 joints in Volume 4, Issue 12, December 2022 pp.255-259, in International Research Journal of Modernization in Engineering Technology and Science by Dr. R. Uday Kumar.
- Effect of Cutting fluids in Machining operations in Volume 9, Issue 12, December 2022, pp.20227-20233, in International Journal of Advanced research in Science, Engineering and Technology, by Dr. R. Uday Kumar
- Calibrating a Synthesized 3-PRS Manipulator by Minimizing the Errors in Positions of Revolute Joints in Volume 103, Issue 5, October 2022, pp. 1083-1093, in J. Inst. Eng. India Ser. C, by Dr. Pundru Srinivasa Rao
- Speaking Microcontroller for Deaf & Dumb in Volume 10, Issue 2, page.264-271, , February, 2023, in GIS SCIENCE JOURNAL by P. V. Prasad Reddy
- Design And Fabrication Of Intelligent Combat Robot in Bull. 2023,12(10), 145-161, ISSN:2063-5346, in European Chemical Bulletin, by D. Kameswara Rao
- Control exhaust emissions of insulated diesel engine fuelled with biogas and cottonseed biodiesel in Volume 29, Supply Issue -2, Jan-2023; pp. (S424-S431), in Ecology, Environment and Conservation, by B Ramakrishna.

FACULTY PUBLICATIONS

- PVT System Efficiency Enhancement using Finned System using PCM in Volume 11 Issue 2 April 2023, Page No : 237-250 in INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING, by D. Kameswara Rao.
- Effect of injection timing on exhaust emissions of insulated diesel engine with biogas in May 15, 2023. in AIP Conference Proceedings 2715, 020027 (2023), by B Ramakrishna.
- A novel technique for automated classification of coated tools in Accepted for publication in Springer Book series Constructive Mathematical Analysis by Dr. G Rakesh Kumar.
- Process parameter optimization in friction stir welding process using Taguchi method in 03/05/2023 in ISSN: 2214-7853, in Materials Today: Proceedings, by Dr. T. Niranjana
- Multi Channel Sustainable Supply Chain Network Design: Review and Research Directions in 6/8/2023, ISSN:ISBN No.: 2195-4364, in journal of Lecture Notes in Mechanical Engineering (Springer), by Dr. T. Niranjana
- Stress detection and performance analysis using IOT based monitoring system in "Intelligent Manufacturing Systems in Industry 4.0" pp 35–46. Publication date: 2022/11/25, ISSN:ISBN No.: 978-981-99-1665-8, in Lecture Notes in Mechanical Engineering (Springer), by Dr. T. Niranjana
- Heat Treatment Effect On The Mechanical Properties And Microstructure Evaluation In ALSi10MG Manufactured By Selective Laser Melting in Vol. 13, Issue 1, Jun 2023, 1– 10, ISSN (P): 2249-6890; ISSN (E): 2249-8001 / IJMPERDJUN20231 in June, 2023 in International Journal of Mechanical and Production Engineering Research Development (IJMPERD), by M. Yadi Reddy
- Investigation of vegetable oil as dielectric fluid in electric discharge machining in Available online 21 February 2023 in ISSN: 2214-7853, in Materials Today: Proceedings, by Dr. T. Niranjana
- IoT-Enhanced Smart Door Locking System with Security in 4, no. 2 (2023): 209, ISSN: 2661-8907, in journal of SN Computer Science , by Dr. T. Niranjana
- Comparison on Single Point Incremental Forming and Micro Incremental Forming - A Review in Volume 2810, Issue 1, 2810 , Publication date: JUNE 22 2023, ISSN:ISBN No.: 1551-7616, in AIP Publishing, by Dr. T. Niranjana
- Modelling And Development Of Powered Vehicle For Disabled Persons in Volume:08, Issue:06 & June 2023, Page:576-580, ISSN:2456-4184, in International Journal of Novel Research and Development (IJNRD), by P. Shashidar
- Effect of Cutting fluids in Machining operations in Volume 9, Issue 12, December 2022, pp.20227-20233, ISSN:ISBN No.: 2350-0328, in International Journal of Advanced research in Science, Engineering and Technology, by S. Ajay Kumar.

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- Modelling And Development Of Powered Vehicle For Disabled Persons in Volume:08, Issue:06 & June 2023, Page:576-580, ISSN:2456- 4184, in International Journal of Novel Research and Development (IJNRD), by K Santosh Kumar.
A computational micromechanical approach to predicting Young's modulus of continuous banana and palmyra fiber-reinforced epoxy composites in Vol. 12, No. 02, November 2022, ISSN: ISBN No.: (print): 2047-6841 (online):2047-685X, computational in International Journal of and materials science Engineering, by Dr. V Vijayabhaskar.

Presented a paper entitled "Investigation of vegetable oil as dielectric fluid in electric discharge Machining" during 08 - 09, December 2022 at Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM) held at the Department of Mechanical Engineering, Vellore College of Engineering and Technology, Erode, Tamil Nadu, India by Dr. T. Niranjana
- Presented the research paper entitled "Process parameter optimization in friction stir welding process using Taguchi method" during 08 - 09, December 2022 at Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM) held at the Department of Mechanical Engineering, Velalar College of Engineering and Technology, Erode, TamilNadu, India by Dr.T.Niranjana
- Experimental Study on Effect of Process Characteristics during Electronic Discharge Machining of Titanium alloy using Multi Hole Tool Electrode during 03-03-2023 to 04-03-2023 at 2nd International Conference on Mechanical Engineering and Emerging Technologies, Department of Mechanical Engineering Bapatla Engineering College (A), Bapatla by Dr.T.Niranjana
- Deep Learning Understanding of Skin Disease Management. During April 28-29, 2022 at Galgotias College of Engineering and Technology Greater Noida, India, April 28-29, 2022 in 2022 2nd International Conference on Advanced computing and Innovative Technologies in Engineering (ICACITE) 2022 Apr 28 (pp. 2488-2492). IEEE. By Dr. Asheesh Kumar
- Presented in online mode a paper entitled IoT Enhanced Smart Door Locking System with security held during 16th & 17th December 2022 at in the 3rd International Conference on Adaptive Computational Intelligence (ICACI-2022) organized by GSSS Institute of Engineering & Technology Mysuru by Dr. T. Niranjana
- Design and development of Animatronic tiger in the field of robotics applications" during April 28-29, 2023 at ICRCPM International conference on Robotics and Cyber Physical Machines, CBIT, Hyderabad by K Kruthi Sharma

FACULTY ACHIEVEMENTS

S.NO.	DATE (S)	NAME OF THE FACULTY MEMBER	TITLE OF THE AWARD	NAME OF THE ORGANIZATION	VENUE
1	23 to 24-03-2023	Dr. T. Niranjana	Session Chair for the Int. conference on Advanced Materials, Manufacturing and Industrial Engineering (AMMIE 2023)	by School of Mechanical Engineering VIT	VIT, Chennai
2	11-12-2022.	Dr. T. Niranjana	Session Chair for the Int. conference CSCT 2022	Congress on Smart Computing Technologies	ONLINE

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FACULTY DEVELOPMENT PROGRAMS

S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
1	Dr.Ramana, P.Venkata Professor	Innovation, Entrepreneurship and Start-Up for Young September	NIT Mizoram sponsored by SERB-INAE	26-09 to 30 -09 2022	Entrepreneurship	5 days
		Recent Advances in Materials and Mechanics	IIT Bhubaneswar	12-11 to 13-11 2022	Materials	2 days
		Advanced Technologies for Emerging Research in Mechanical Engineering	AITs, Rajampet	5-12 to 9-12 2022	Mechanical Engineering	5 days
		Advanced Manufacturing Processes	MNIT Jaipur	12 TO16 -12-2022	Manufacturing	5 days
		Research Opportunities in Additive Manufacturing	SMVEC, Puducherry	30-1 to 3-2 2023	Additive Manufacturing	5 days
		Advances in Materials and Manufacturing Technologies	Kallam Haranadhareddy Institute of Technology, Guntur	26-30, 6 2023	Manufacturing	5 days
2	Dr. K.Ankamma, Professor	Robotics & Drones	CBIT, Hyderabad	05-09-2022 to 17-09-2022	Robotics	14 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
2	Dr. K. Ankamma, Professor	Robotics & Drones	CBIT, Hyderabad	05-09-2022 to 17-09-2022	Robotics	14 days
		Trends & Challenges in the Development of Electric Vehicles	LENDI Institute of Engineering & Technology, Vizayanagram	14-11-2022 to 18-11-2022	Hybrid Electrical Vehicles	5 days
		Welding Application Technology	NPTEL in coordination with IIT-Madras	July 2022 to September 2022	Course	8 weeks
3	Dr. S.Madhava Reddy Professor	Advances in Materials and Manufacturing Technologies	Kallam Haranadharedy Institute of Technology, Guntur, A.P	26-06-2023 to 30-06-2023	Manufacturing	5 days
		Advancements in Mechanical Engineering	Lakireddy Bali Reddy College of Engineering, AP	19-06-2023 to 24-06-2023.	ML used in manufacturing process,	6 days
		Mechatronics	IIT Madras (NPTEL-AICTE)	02-02-2023 to 10-04-2023	Mechatronics and Automation	8 weeks
		Outcome Based Education (OBE)	S.E.S College, Sreekandapuram	18-01-2023 to 25-01-2023	OBE	7 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
3	Dr. S.Madhava Reddy Professor	Accreditation Communications and Accuracy: Expectations and Compliances	Nadimpalli Satyanarayana Raju Institute of Technology(A)	22-12-2022 to 24-12-2022	Accreditation and Compliances	3 days
		Drone Imaging & AI/ML Tool Tool for Improving Decision making (ATAL)	CBIT, Gandipet, Hyderabad	05-12-2022 to 17-12-2022	AI/ML	14 days
		Hybrid Electrical Vehicles	GMR Institute of Technology, Rajam	21-11-2022 to 25-12-2022	Electrical Vehicles	5 days
		Trends & Challenges in the Development of Electric Vehicles	LENDI Institute of Engineering & Technology, Vizayanagram	14-11-2022 to 18-11-2022	Hybrid Electrical Vehicles	5 days
		Introduction to Internet of Things	Funded by the MoE, Govt. of India, IIT Madras	24-07-2022 to 15-10-2022	IoT	12 weeks
		Innovation, Entrepreneurship and Start-up for Young	NIT Mizoram, Chaltlang, Aizawl – 796012, India	26-09-2022 to 30-09-2022	Entrepreneurship	5 days
		Robotics & Drones	CBIT, Hyderabad	05-09-2022 to 17-09-2022	Robotics	14 days
		Futuristic Research in Mechanical Engineering	SRM Institute of Science and Technology	08-08-2022 to 13-08-2022	Mechanical Engineering	6 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
3	Dr. S.Madhava Reddy Professor	On Recent Trends In Additive Manufacturing Processes And Its Applications	Karpagam College of Engineering, Myleripalayam Village	01-08-2022 to 05-08-2022	Manufacturing	5 days
4	B.Govinda Reddy, Assistant Professor	AICTE IDEA LAB FDP on Digital Manufacturing and IoT based Prototype Development	CBIT, hyderabad	24-04-2023 TO 28-04-2023	IOT	5days
5	Dr. V.V.N. Satya Suresh, Professor	FDP on Oppurtunities and challenges in Artificial Intelligence & Machine learning for Mechanical Engineers	NIT, Warangal	24-04-2023 to 28-04-2023	AI & ML	5 days
6	Mr. K.V.Kasi Viswanadham, Assistant Professor	3D Printing Technologies	VEMU Institute of Technology, kotha kota, chittoor, A.P.	06-09-2022 to 10-09-2022	Mechanical Engg.	5 days
		Robotics and Drones	CBIT, Hyd and in association with IEEE CBIT- RAS society	05-09-2022 to 17-09-2022	Robotics	12 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
6	Mr. K.V.Kasi Viswanadh a m, Assistant Professor	VOL.IV-JULY 2023 Tools for Research Paper Preparation and Indexing	Scientific Research Reports, Chennai	15-03-2023 to 19-03-2023	Research	5 days
		Advancements in Mechanical Engineering	Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna dist, A.P.	19-06-2023 to 24-06-2023	Mechanical Engg.	5 days
		IP Awareness/Trainin g program	NIP Awareness Mission & IP Office and MoE's Innovation Cell, India	19-1-23	IPR awareness programe	1 day
7	Dr.P.Sriniva s a Rao, Assistant Professor	Advances in Materials and Manufacturing Technologies	KHIT, Guntur	26-06-2023 to 30-06-2023	Mechanical Engineering	5 days
		Hybrid Electric Vehicles	GMRIT Rajam & VRSEC, Vijayawada	21-11-2022 to 25-11-2022	Electric Vehicles	5 days
		Trends & Challenges in the Development of Electric Vehicles & Hybrid Electric Vehicles (Series-2)	LENDI IE&T, VZM, AP	14-11-2022 to 18-11-2022	Electric Vehicles	5 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
7	Dr.P.Srinivas a Rao, Assistant Professor	Advanced Material Characterization Techniques	OPJ University Raigarh	07-11-2022 to 11-11-2022	Mechanical Engineering	5 days
		Robotics and Drones	CBIT association with IEEE- RAS Society	05-09-2022 to 17-09-2022	Robotics	12 days
8	Dr K.C.Sabitha , Assistant Professor	Spiritech, A Three-Day National Workshop to Promote Human Values among Youth	MGIT	15-9-2022 to 17-9-2022	VALUES & SPIRITUALITY	3 days
9	Mr. P. V. Prasad Reddy, Assistant Professor	Integrating AUTODESK Fusion- 360 in Engineering Subjects	Department of Mechanical Engineering, Lendi Institute of Engineering & Technology, vizianagaram, A. P	26-06-2023 TO 01-07-2023	Engineering Graphics	1 Week
		VALUES & SPIRITUALITY IN EDUCATION FOR A BETTER TOMORROW	Brahma Kumaris, Gachibowli, Hyderabad	7-01-2023	Human values	1 day
		Advances in Materials and Manufacturing Technologies	Department of Mechanical Engineering, Kallam Haranadhareddy institutr of Technology, Guntur, A.P	26 TO 30-06- 2023	Materials and Manufacturing Technologies	5 Day

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
9	Mr. P. V. Prasad Reddy, Assistant Professor	Recent Developments in Mechanical Engineering	Dept. of Mech & A.E, Eswar college of engineering,	19 TO 23 -07-2023	Mechanical Engineerin g	1 Week
		Hybrid Electric Vehicles	Department of Mechanical Engineering GMRIT, Rajam, and VRSEC, Vijayawada, A.P	21 TO 25- 11- 2022	Hybrid Electric Vehicles	1 Week
		Development of Electric Vehicles and Hybrid Electric Vehicles (Series- 2)	Department of Mechanical Engineering, Lendi Institute of Engineering & Technology, vizianagaram,A.P	14 to 18- 08-2022	Hybrid Electric Vehicles	1 Week
		Advanced Material Characterization Techniques	Dept. of Metallurgical Engineering, School of Engineering, OP Jindal	7 to 11- 08- 2022	Advanced materials	5 Day
		Wireless Communications	Dept. of ECE, MGIT(A), Gandipet, Lendi	20 to 22- 10-2022	Wireless Communic ation	3 Day
		Development of Electric Vehicles and Hybrid Electric Vehicles (Series 1)’’	Institute of Engineering & Technology, vizianagaram,A.P CDC cell, MGIT,Hyd	26 to 30- 08- 2022	Electric Vehicles	1 Week
		promote Human Values among Youth		15 to 17- 08- 2022	Human values	3 Day
		Robotics and Drones	Departments of EEE, ECE,IT and MECH, CBIT,Hyd	5 to 17- 08- 2022	Robotics and Drones	2 week
		3D Printing Technologies	Dept. of Mechanical Engineering, Vemu Institute of Technology Tirupati, A.P	6t to 10,9 -2022	3D printing	5 DAY

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
10	M. Pratyusha, Assistant Professor	Materials Processing & Characterization	Department of Metallurgical and Materials Engineering, Malaviya National Institute of Technology Jaipur, Rajasthan.	05 to 09- 09- 2022	Materials	5 Days
		Robotics and Drones	Departments of Electrical and Electronics Engineering, Electronics and Communication s Engineering, Information Technology, Mechanical Engineering, in association with IEEE CBIT-RAS Career	05 to 17 -9- 2022	Robotics and Drones	2 Weeks
		Promote Human Values among Youth	Development Cell (CDC), Mahatma Gandhi Institute of Technology (MGIT).	15 to 17- 9- 2022	Human Values	3 Days
		Trends and challenges in the Development of Electrical Vehicles and Hybrid Electrical Vehicles	Department of Mechanical Engineering, Lendi Institute of Engineering & Technology	26- to 30 ,9- 2022	Electric & Hybrid Vehicles	1 Week
11	Mr. D Kameswara Rao, Assistant Professor	RECENT TRENDS IN ELECTRIC VEHICLE TECHNOLOGY	Department of electrical engineering NSRIT(A), Visakhapatnam.	19 to 23 ,5- 2023	electric avehicle	5 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant	Duration
11	Mr. D Kameswara Rao, Assistant Professor	RECENT TRENDS IN ELECTRIC VEHICLE TECHNOLOGY	Department of electrical engineering NSRIT(A), Visakhapatnam.	19 TO 23-07-2023	electric vehicle	5 days
		“Role of Incubators in Nurturing Entrepreneurship: Academic Perspective”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI), Hyderabad, Telangana.	27-07-2022 (Session -1)	Innovation and start up	1 day
		“Innovation Through Design Thinking”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI), Hyderabad, Telangana.	27-07-2022 (Session -2)	Innovation and start up	1 day
		“Intellectual Property Rights and Academic Research”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI), Hyderabad, Telangana.	28-07-2022 (Session -1)	IPR	1 day
		“Start up innovation”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI), Hyderabad, Telangana.	28-07-2022 (Session -2)	Innovation and start up	1 day
		“Robotics and Drones”	Departments of Electrical and Electronics Engineering, Electronics and Communications Engineering, Information Technology, Mechanical Engineering, in association with IEEE CBIT-RAS society	05- 09-2022 to 17- 09-2022	Drones	14 days
		“Innovation, Entrepreneurship and Start-Up for Young'	National Institute of Technology Mizoram	26 TO 30-08-2022	Innovation and start up	

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
13	Mr.B RamaKrishna, Assistant Professor	“Role of Incubators in Nurturing Entrepreneurship: Academic Perspective”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group	27-07- 2022 (Session -1)	Innovation and start up	01 Day
		“Innovation Through Design Thinking”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI),	27-07- 2022 (Session -2)	Innovation and start up	01 Day
		“Intellectual Property Rights and Academic Research”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI),	28-07- 2022 (Session -1)	IPR	01 Day
		“Start up innovation”	organized by Institution's Innovation Council (IIC), Nalla Narasimha Reddy Education Society's Group of Institutions (NNRESGI),	27-07, 2022 (Session -2)	Innovation and start up	01 Day
		“Robotics and Drones”	Departments of Electrical and Electronics Engineering, Electronics and Communications Engineering, Information Technology, Mechanical Engineering, in	05-09-2022 to 17-09-2022.	Drones	12 Days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
11	Mr. D Kameswara Rao, Assistant Professor	"Thermal Science and Materials Engineering"	Department of Mechanical Engineering, Srinivasa Ramanujan Institute of Technology, Ananthapuramu	07 to 11-11-2022	Materials	5 days
12	Mr. K Sarupya Santhosh, Assistant Professor	Advancements in Mechanical Engineering	Lakireddy Bali Reddy College of Engineering, AP	19-06-2023 to 24-06-2023.	ML used in manufacturing process,	6 days
		3D Printing Technologies	Vemu Institute of Technology	6-09-2022 to 10-09-2022.	Manufacturing	5 days
		FDP on "Engineering drawing through AUTOCAD	CVR college of Engg., hyderabad	10-11-22 to 15-11-22	autocad	6 days
		FDP on Innovations in Mechanical Engineering	VVIT, Guntur, AP	26-12-22 to 30-12-22	mechanical engg.	5 days
		FDP on "Recent advancements in heat exchanger technologies: Experimentation & Simulation	OP Jindal University, Haryana	13-03-23 to 17-03-23	heat exchangers	5 days
		"Robotics and Drones"	Departments of EEE, ECE, IT& ME in association with IEEE CBIT-RAS society	05-09-2022 to 17-09-2022.	Drones	12 Days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
13	Mr.B RamaKrishna , Assistant Professor	"Innovation, Entrepreneurship and Start-Up for Young'	National Institute of Technology Mizoram	26 to 30-09- 2022	Innovation and start up	5
		"Thermal Science and Materials Engineering"	Department of Mechanical Engineering, Srinivasa Ramanujan Institute of Technology, Ananthapuramu	07 to 11-11-2022	Thermal Enggineering	5
		NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	Jointly organised by Intellectual Property Office and MoE's Innovation Cell, India	13 -3-2023	IPR	01 Day
		Recent advancements in heat exchanger technologies: Experimentation & Simulation	OP Jindal University, Haryana	13-03-2023 to 17-03-2023	Thermal Enggineering	5 days
14	Mr K.Prudhvi Raj, Assistant Professor	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	Intellectual Property Office and MoE's Innovation Cell, India	13-03-2023	IPR	01 Day

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
15	Ms. K.Sirisha, Asst.Professor	Additive Manufacturing and Materials Processing	Sardar Vallabhbhai National Institute of Technology Surat	17 to 21-12- 2022	Additive Manufacturing	5 days
		“Robotics and Drones”	Departments of EEE, ECE, IT& ME in association with IEEE CBIT-RAS	05-09-2022 to 17-09-2022.	Drone Design	Two Week
		Advanced Material Characterization Techniques (AMCT-2022)	OP Jindal University, Raigarh	7 to 11 ,11-2022	Materials Sciences	5 days
		“HYBRID ELECTRIC VEHICLES	Department of ME, GMR Institute of Technology, Rajam and Velagapudi Ramakrishna Siddhartha Engineering	21 to 25-11- 2022	Hybrid Vehicles	5 days
		AICTE-IDEA Lab (FDP) on “Digital Manufacturing and IoT based Prototype	CBIT, Hyderabad	24 to 28-04- 2023.	Additive Manufacturing	5 days
		“Recent Trends in Electric Vehicle Technology“	Department of EEE, NSRIT, Vizag	19-06-2023 to 23-06-2023	Electric Vehicles	5 days
16	Ms. Y.V.N. Chandana, Assistant Professor	Spiritech, A Three-Day National Workshop to Promote HumanValues among Youth	MGIT	15-9-2022 to 17-9-2022	VALUES & SPIRITUALITY	3 days
		Short term taining program on "Robotics and Drones"	CBIT, Hyderabad	5-9-2022 to 17-9-2022	Drone Design	Two weeks

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
17	Dr. T Niranjana, Assistant Professor	AICTE - SWAYAM 8 week Course (NITTT- Module 1)“Orientation Towards Technical Education and Curriculum Aspects”	National Institute of Technical Teachers' Training(NITTT)	02-07-2022(FN)	Outcome Based Education	1week FDP
		AICTE- SWAYAM 8 week Course (NITTT Module 2)“ Professional Ethics & Sustainability”	National Institute of Technical Teachers' Training(NITTT)	02-07-2022(AN)	Outcome Based Education	1week FDP
		AICTE- SWAYAM 8 week Course (NITTT - Module 4) “ Instructional Planning and Delivery”	National Institute of Technical Teachers' Training(NITTT)	03-07-2022(AN)	Outcome Based Education	1week FDP
		Faculty Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION (PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON	20-07-2022 to 18-08-2022	Outcome Based Education	4 Weeks
		Technical Webinar on the theme “Productivity Improvement in SMEs With Implementation Of Lean Manufacturing Tools”	Telangana State Centre of The Institution of Engineers (India) under the aegis of Production Engineering Division	27-08-2022	Industrial Engineering	1 Day
		Digital Transformations in Operations & Supply Chain Management	Electronics and ICT Academy NIT Patna, & LIBA Chennai	06-09-2022 to 15-09-2022	Production and Operations Management	2 weeks

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
17	Dr. T Niranjan, Assistant Professor	ATAL FDP on "Drone Imaging & AI/ML Tool for Improving Decision Making in Agriculture Applications"	Chaitanya Bharathi Institute of Technology Hyderabad	05- 12- 2022 to 10- 12- 2022	AI&ML	2 weeks
		UGC sponsored Webinar on "NEP- 2020 Implementation Plan: Integrated Higher Education System	JNTU Hyderabad	13-3-2023	NEP 2020	1day
		UGC sponsored Webinar on "NEP- 2020 Implementation Plan: Innovation & Rankings"	JNTU Hyderabad	20-03-2023	NEP 2020	1day
		AICTE -SWAYAM 8 week Course (NITTT Module 3) on “ Communication Skills Modes & Knowledge Dissemination”	National Institute of Technical Teachers' Training(NITTT)	05-02-2023	Outcome Based Education	1Week FDP
		AICTE - SWAYAM 8 weekCourse (NITTT Module 6)on “ Student Assessment and Evaluation”	National Institute of Technical Teachers' Training(NITTT)	11-02-2023	Outcome Based Education	1Week FDP
		AICTE- SWAYAM 8 weekCourse (NITTT Module 8)on “ Institutional Management & Administrative procedures”	National Institute of Technical Teachers' Training(NITTT)	12-02-2023	Outcome Based Education	1Week FDP

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
18	Ms. C. Sucharitha, Assistant Professor	Collobarative Research practices in Modern Era	AMET university	13-02-2023 to 21-02-2023	Research field	09 Days
		Advances in Materials and Future Scenario	Pulla Reddy Engineering College	30-12-2023 & 33-12-2023	Manufacturing Field	02 Days
		Robotics and Drones	IEEE CBIT-RAS	05-09-2023 to 17-09-2023	Drones	13 days
19	Mr. S. Ajay kumar, Assistant Professor	Trends and challenges in the development of Electrical vehicles and Hybrid electrical vehicles	Lendi Institute of Engineering and Technology, AP	26-09-2022 to 30-09-2022	Hybrid electric vehicle	5 days
		Design and Development of Industry led Curriculum in Technological Era.	AMET UNIVERSITY	14-12-2022 to 22-12-2022	Mechanical Engineering	9 days
		Robotics and Drones	IEEE CBIT-RAS	05-09-2023 to 17-09-2023	Robotics	13 days
		3D Printing Technologies	Vemu Institute of Technology	6-09-2022 to 10-09-2022.	Manufacturing	5 days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
20	Mr. K Santosh Kumar, Assistant Professor	Advancements in Mechanical Engineering	Lakireddy Bali Reddy College of Engineering, AP	19-06-2023 to 24-06-2023.	ML used in manufacturing process,	6 days
		Design and Development of Industry led Curriculum in Technological Era.	AMET UNIVERSITY	14-12-2022 to 22-12-2022	Mechanical Engineering	9 days
		Trends and challenges in the development of Electrical vehicles and Hybrid electrical vehicles	Lendi Institute of Engineering and Technology, AP	26-09-2022 to 30-09-2022	Hybrid electric vehicle	5 days
		3D Printing Technologies	Vemu Institute of Technology	6-09-2022 to 10-09-2022.	Manufacturing	5 days
		Advancements in Thermal and Renewable Energy Technologies	Lakireddy Bali Reddy College of Engineering, AP	04-07-2022 to 09-07-2022.	Energy	6 days
21	Ms. P Meghana, Assistant Professor	SPIRITECH - Workshop	CDC Cell, MGIT, Hyderabad	15-09-2022 to 17-09-2022	Human Values	3 Days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
22	Ms. K Kruthi Sharma, Assistant Professor	SPIRITECH - Workshop	CDC Cell, MGIT, Hyderabad	15-09-2022 to 17-09-2022	Human Values	3 Days
23	Mr G Ashok, Assistant Professor	A 5 Day workshop on Innovation, Entrepreneurship and Start-Up for Young	National Institute of Technology, Mizoram	26-09-2022 to 30-09-2022	Innovation & Entrepreneurship	5days
24	Mr G Ashok, Assistant Professor	12 weeks NPTEL Course on Engineering Drawing & Computer Graphics.	NPTEL in coordination with IIT- Kharagpur	July 2022 to Oct 2022	Course	12 weeks
25	Dr. Asheesh Kumar, Assistant Professor	Robotics and Drones - STTP	CBIT, Hyderabad	05-09-2022 to 17-09-2022	Robotics	13 Days
		SPIRITECH - Workshop	CDC Cell, MGIT, Hyderabad	15-09-2022 to 17-09-2022	Human Values	3 Days
		Digital Manufacturing and IoT based Prototype Development - FDP	CBIT, Hyderabad	24-04-2023 to 28-04-2023	Manufacturing	5 Days

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S.No	Name of the Faculty	Program Name	Name of the Organising Institute	Date	Relevant Area	Duration
26	Dr. V Vijaya Bhaskar, Assistant Professor	STTP Robotics and Drones	CBIT, hyderabad	05-09-2022 to 17-09-22	drones	13 days
		FDP on “Engineering drawing through AUTOCAD	CVR college of Engg., hyderabad	10-11-22 to 15-11-22	autocad	6 days
		FDP on Innovations in Mechanical Engineering	VVIT, Guntur, AP	26-12-2022 to 30-12-2022	mechanical engg.	5 days
		FDP on “ Recent advancements in heat exchanger technologies: Experimentation &	OP Jindal University, Haryana	13-03-2023 to 17-2023-23	heat exchangers	5 days
27	Mr. V Pramod, Assistant Professor	AICTE-IDEA Lab (FDP) on “Digital Manufacturing and IoT based Prototype Development”	CBIT, Hyderabad	24-04-2023 to 28-04-2023	Additive Manufacturing	5 days
		SPIRITECH A Three-Day Workshop to Promote Human Values among Youth	MGIT, Hyderabad	15 -17 ,9-2022	Human Values	3 days
		VALUES & SPIRITUALITY IN EDUCATION FOR A BETTER TOMORROW	Brahma Kumaris, Gachibowli, Hyderabad	7-01-2023	Human Values	one day

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CO-CURRICULAR ACTIVITIES OF THE STUDENTS FOR THE ACADEMIC YEAR: 2022-23

S.NO	NAME OF STUDENT	ROLL NO.	EVENT	ORGANIZED WITH ADDRESS	DD/MM/YY	ROLE
1	Pranav Datta	21261A1418	13th Indian Open Inter Engineering Collegiate (Basketball)	Mgit, Hyd	12-7-2022	Merit
2	Abhilash Reddy	21261A1420	13th Indian Open Inter Engineering Collegiate (Basketball)	Mgit, Hyd	12-7-2022	Merit
3	Hasit Yeluri	21261A1443	13th Indian Open Inter Engineering Collegiate (Basketball)	Mgit, Hyd	12-7-2022	Merit
4	P Tapan Sai	20261A1430	Football	Nrivana, Mgit, Hyd	14-7-2022	Merit
5	Brundha Reddy	21261A1441	Ethical Hacking	Elan & Nvision	19-2-2023	Participation
6	Atharva Patil	19261A0303	Paper Presentation	PACE Institute of Technology	10-12-2022	Participation
7	Badrinath	21261A1409	Football	Nrivana, Mgit, Hyd	14-7-1905	Merit
8	A Harshavardha	20261A1404	Anime Quiz	Technovation In Mgit, Hyd	30-6-2022	Appreciation
9	A Harshavardhan	20261A1404	Student Co Convener In National Level Technical Symposium	Technovation In Mgit, Hyd	27-4-2023	Appreciation
10	D Manoj Kumar	20261A0407	Student Event Organiser For Dumb	Technovation In Mgit, Hyd	27-4-2023	Appreciation
11	J Veerander	20261A1413	Co Ordinator For Tug Of War	Technovation In Mgit, Hyd	27-4-2023	Appreciation
12	Jhatothu Vijay	20261A1414	Student Event Organiser For The	Technovation In Mgit, Hyd	27-4-2023	Appreciation
13	P Vinay Reddy	20261A1431	Student Event Organiser for Tug of	Technovation In Mgit, Hyd	27-4-2023	Appreciation
14	Meesala Mounika	21265A1404	Volunteer In Technovation	Technovation In Mgit, Hyd	27-4-2023	Appreciation
15	Ganesh	21261A1415	Blood Donation	Aaraadhya Blood Centre	1-10-2023	Appreciation

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16	Ramani Aakash Patel	22261A1429	Technovation	Mgit, Hyd	27-4-2023	Appreciation
17	Sri Harshini Ramini	22261A1433	Technovation	Mgit, Hyd	27-4-2023	Appreciation
18	Abhishek Indupally	19261A0317	Paper Presentation	IETE	09-12-2022 to 10-12-2022	Appreciation
19	Atharva Patil	19261A0303	Paper Presentation	IETE	09-12-2022 to 10-12-2022	Appreciation
20	Kandala Jathin	20261A1418	Sports Organiser & Coordinator	Mgit, Hyd	2022-2023	Appreciation
21	Aditya Jhamwar	20261A1401	Project Management:The Basics For Success	UCI	5-4-2022	Completion
22	Meesala Mounika	21265A1404	Pursued The Course In Cnc Turning	CITD	4-3-2023	Completion
23	A Krishna Reddy	21261A1403	Machine Learning	Stanford University	28-7-2022	Completion
24	A Krishna Reddy	21261A1403	Bootcamp - Python	Udemy	13-12-2022	Completion
25		21261A1403	Unsupervised Learning,Recommenders, Reinforcement Learning	Stanford / Online	28-7-2022	Completion
26	A Krishna Reddy	21261A1403	Modern Robotics	Stanford / Online	28-7-2022	Completion
27	A Krishna Reddy	21261A1403	Machine Learning & Ai	Robotech Labs Pvt.Ltd	13-11-2022	Completion
28	G Santhosh Raghavendra Chary	22265A1403	Practical Robotic Bootcamp For Engineers	IETE	4-12-2022	Completion
29	Malothu Kiran Kumar	19261A1426	Excel Essential Training(Microsoft 365)	Linkedin Learning	28-8-2022	Completion
30	V Vignesh	19261A1451	Data Analyst Course	Udemy	26-4-2023	Completion
31	Sita Sai Anirudh	19261A1445	C/C++ and DSA Nano degree course	PrepInsta NanoDegree	26-10-2022	Completion
32	Sudesh Simha Reddy	19261A1446	C/C++ and DSA Nano degree course	PrepInsta NanoDegree	26-10-2022	Completion

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33	V Vignesh	19261A1451	Introto Programming	Kaggle	19-3-2023	Completion
34	V Vignesh	19261A1451	Machine learning & Data Science	Udemy	14-6-2023	Completion
35	V Vignesh	19261A1451	Python Course Completion	Kaggle	29-3-2023	Completion
36	M Vamshi	19261A1428	C/C++ and DSA Nano degree course	PrepInsta NanoDegree	26-10-2022	Completion
37	Nimma Shreya Reddy	20261A1429	Core Java Training	Internshala Trainings	4-3-2023	Training
38	K Sai Varun	21265A1403	Training In Digital Marketing	Internshala Trainings	6-11-2022	Training
39	K. Manisha	22261A1405	Internship	7s Technologies Hyderabad	01-09-2023 to 18-11-2023	Internship
40	Aditya Jhamwar	20261A1401	Quadcopter Workshop	IIT Bombay	16-12-2022 to 18-12-2022	Participation
41	Aditya Jhamwar	20261A1401	Robotics Workshop And Masquerade Debate	Technovation And Querencia In Mgit, Hyd	30-6-2022	Participation
42	A Satwik Chandra	20261A1402	Robotics Workshop And Paper Presentation	Tecnovation In Mgit, Hyd	30-6-2022	Participation
43	A Sai Sandesh	20261A1403	Spiritech Workshop	CDC Mgit, Hyd	15-09-2022-17-09-2022	Participation
44	D Manoj Kumar	20261A0407	Robotics Workshop And Cad Modelling	Technovation In Mgit, Hyd	30-6-2022	Participation
45	G Dhanush	20261A0411	Spiritech Workshop	CDC Mgit, Hyd	15-09-2022-17-09-2022	Participation
46	A Veerander	20261A1413	Robotics Workshop And Battle Bots	Technovation In Mgit, Hyd	30-6-2022	Participation
47	Sameeksha	20261A1416	Machine Learning With Python	Udgam By Iit Guwahati	27-05-2022-27-07-2022	Participation
48	Mesram Shubham	20261A1426	Spiritech Workshop	CDC Mgit, Hyd	15-09-2022-17-09-2022	Participation
49	P Vinay Reddy	20261A1431	Robotics Workshop	Technovation In Mgit, Hyd	30-6-2022	Participation

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50	Ravi Sri Sai Kiran	20261A1443	Robotics Workshop And Cad Modelling	Technovatio nIn Mgit,	30-6-2022	Participation
51	Aditya Jhamwar	20261A1401	Paper Presentation - Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
52	Pranishwar Netha	20261A1424	Automobile Quiz-Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
53	Mariya Rose Joseph	20261A1413	CAD COMPETITION-Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
54	Jaladhi Veerender	20261A1421	TUG OF WAR-Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
55	Kuppili Dhiren chandu sai	20261A1444	DUMB CHARADES -Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
56	Sutravey Tejovardhan	21261A1403	DART PRO-Co-ordiantor	Mgit, Hyd	27-4-2023	Participation
57	A. Krishna Reddy	19261A1410	ROBO SOCCER -Co- ordiantor	Mgit, Hyd	27-4-2023	Participation
58	Gade Yogesh Ram Sagar	19261A1407	Student Convenier	Mgit, Hyd	27-4-2023	Participation
59	Dendukuri Santoshi Navallika	20261A1404	Student Convenier	Mgit, Hyd	27-4-2023	Participation
60	Annaldas Harshavardhan	20261A1416	Student Convenier	Mgit, Hyd	27-4-2023	Participation
61	Jyotsna Sameeksha Dangenti	21261A1401	Student Convenier	Mgit, Hyd	27-4-2023	Participation
62	Abhiram Koka	21261A1404	Paper Presentation-student event organiser	Mgit, Hyd	27-4-2023	Participation
63	Banda Sai Kishor	20261A1428	Automobile Quiz-student event organiser	Mgit, Hyd	27-4-2023	Participation
64	Muniratnam Vedarsh Reddy	20261A1431	Cad competiton-student event organiser	Mgit, Hyd	27-4-2023	Participation
65	Padira Vinay Reddy	20261A1414	Tug of war-student event organiser	Mgit, Hyd	27-4-2023	Participation
66	Jhatothu Vijay	20261A1407	Dart pro-student event organiser	Mgit, Hyd	27-4-2023	Participation

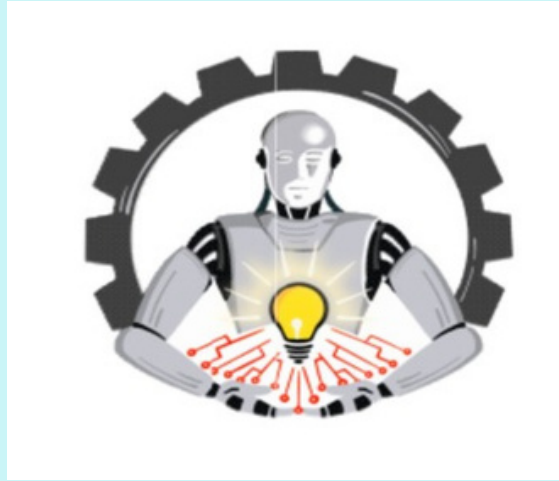
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67	Doddi Manoj Kumar	21261A1428	Dumb chardas-student event organiser	Mgit, Hyd	27-4-2023	Participation
68	Mudavath Harshavardhan	20261A1406	Robo soccer -student event organiser	Mgit, Hyd	27-4-2023	Participation
69	Sardar Harjinder Singh	20261A1401	Graphic designer	Mgit, Hyd	27-4-2023	Participation
70	Aditya Jhamwar	20261A1404	Graphic designer	Mgit, Hyd	27-4-2023	Participation
71	Annaldas Harshavardhan	20261A1406	Graphic designer	Mgit, Hyd	27-4-2023	Participation
72	Aravind Musuku	20261A1417	Graphic designer	Mgit, Hyd	27-4-2023	Participation
73	ArunKoka	22261A1418	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
74	K.Nandan Varma	22261A1420	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
75	M.Rahul Reedy	22261A1427	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
76	P.Sayad Gafoop	22261A1429	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
77	Ramani Aakash Patel	22261A1434	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
78	Sri Harshini Ramini	22261A1401	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
79	Aaron Joseph Joji	20261A1401	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
80	Aditya Jhamwar	20261A1404	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
81	Annaldas Harshavardhan	22261A1410	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
82	D. Keerthi Sri	22261A1415	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
83	Jujjuru Rushitha	21265A1404	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation

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84	Meesala Mounika	20261A1446	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
85	Tanveer Sabeel	21265A1406	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
86	Varaka Harshavardhan	20261A1432	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
87	P. Raghavendar Reddy	20261A1405	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
88	Aarav Godishala	20261A1405	Volunteer-national level technical symposium	Mgit, Hyd	27-4-2023	Participation
89	A Krishna Reddy	21261A1403	Donate Blood - Save Life	Mgit, Hyd	30-3-2022	Participation
90	Bhadri	21261A1407	Coordinator - Service Recognition	Street Cause 2030	12-6-2022	Participation
91	C.Phani Satwik Kumar	21261A1411	Advances In Battery Technologies For Electric And Hybrid Vechicle	The Instutuie Of Technology	9-10-2022	Participation
92	C.Phani Satwik Kumar	21261A1411	Spiritech,A Three-Day National Workshop To Promote Human Values	Mgit, Hyd	17-9-2022	Participation
93	Jillela Thilak	21261A1421	Iete Knowledge Sharing Session (Kss) - 81	IETE	13-11-2022	Participation
94	Pallati Rahul Kumar	21261A1429	Hackathon	Sdc-Sb At Griet	2023	Participation
95	Pallati Rahul Kumar	21261A1429	Spiritech,A Three-Day National Workshop To Promote Human Values	Mgit, Hyd	17-9-2022	Participation

TECHNOVATION



TECHNOVATION is the annual fest conducted by the mechatronics engineering branch in MGIT. It is a part of "NIRVANA"- an annual event of the institution. TECHNOVATION is a completely student run technical fest with faculty supervision. Students present their ideas and conduct several technical and non technical events which give them exposure to different aspects of management. TECHNOVATION '23 was hosted at the mechatronics engineering block in MGIT on 27th April 2023.



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DART AND ARCHERY
AND MANY MORE....

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Following were technical and non-technical events that were a part of **TECHNOVATION 2023**

TECHNICAL

- 1.Paper presentation/poster presentation
- 2.CAD Competition
- 3.Automobile Quiz
- 4.ROBO Soccer

NON-TECHNICAL

- 1.Tug of war
- 2.Dart and Archery
- 3.Indoor soccer

Paper/Poster presentation



Showcase your innovative ideas and research skills! Present your technical paper or creative poster on emerging engineering trends, technologies, and solutions. This event encourages analytical thinking, communication, and innovation among students.

ROBO Soccer



Experience the thrill of robotics and football combined! Build and program your own robots to compete in a fast-paced soccer match. Control precision, teamwork, and strategy decide the champions.

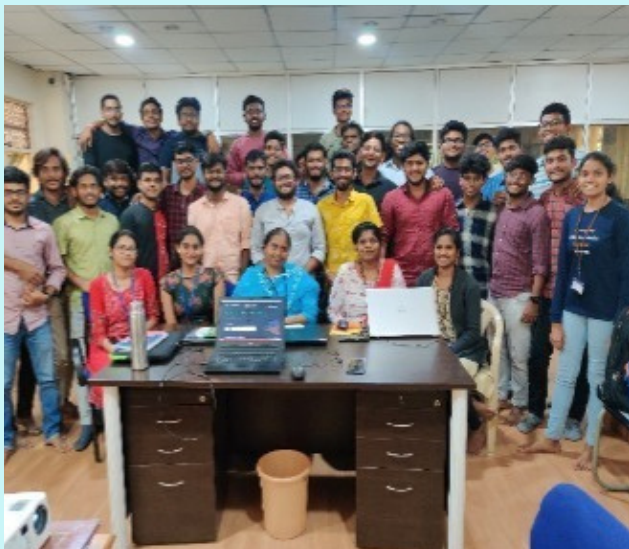
India Design Week

A three-day workshop on Design Thinking, Product Design, and Advanced Simulation was conducted by ICT Academy, with Autodesk Fusion 360 serving as the primary platform for instruction. The initiative was aimed at fostering creative and technical competencies among students in the field of Product Design Engineering. Participants were connected to expert trainers through both in-person and online modes. The final session was facilitated via video conferencing, allowing students to explore practical applications and collaborative design workflows.

Eligibility for the intercollege competition on Day 3 was contingent upon the completion of prerequisite courses assigned by the trainers. Top-performing teams from this round were selected to advance to the Grand Finale of IDW 2023.

This workshop served as a valuable opportunity for students to gain exposure to industry relevant tools and showcase their design capabilities on a competitive platform. Students were provided with a valuable opportunity to develop and present creative solutions to assigned problem statements, with their design concepts showcased before a panel of judges. Collaborative teamwork and focused skill development were actively encouraged throughout the workshop.

Exposure to diverse design ideologies and interaction with industry experts were facilitated, enabling participants to gain insights into current professional practices. Internship and job offers were extended by jury companies to select students, along with various prizes, including monetary awards. This initiative served as a platform for experiential learning, professional engagement, and recognition of innovative talent.



SAE STUDENTS CHAPTER



The SAE (Society of Automotive Engineers) Students Chapter of Mahatma Gandhi Institute of Technology (MGIT) is a dynamic student organization that encourages innovation, creativity, and technical excellence in the field of Automobile and Mechanical engineering. The chapter provides a platform for students to enhance their practical knowledge through workshops, technical events, industrial visits, design competitions, and project exhibitions.

MECHATRONICS NEWSLETTER

STUDENTS PLACEMENTS

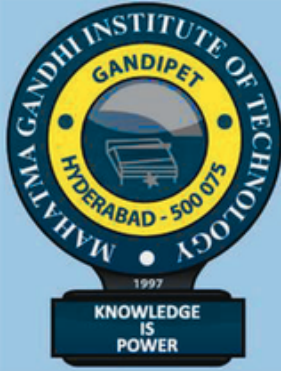
S.No.	Name of the student	Enrollment No.	Employee Name
1	M CHANDRAKANTH GOUD	19261A1403	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
2	CHEPURI VIKRAM BHARADWAJ	19261A1404	M/s Altair Engineering India Pvt. Ltd, Bengaluru.
3	CHOWTAKURI PAVAN KUMAR	19261A1405	M/s Autocracy Machinery Pvt Ltd , Hyderabad
4	DANSETTY RAMA DEVI	19261A1406	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
5	DEPA KATYAYANI	19261A1408	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
6	GADE YOGESH RAM SAGAR	19261A1410	M/s TCS Limited , Hyderabad
7	JINDAM NITHYANANDANA	19261A1417	M/s FCA Engineering India Private Limited (Stellantis), Chennai.
8	KATHA AMARANATH REDDY	19261A1420	M/s Mindtree, A Larsen & toubro Group Company, Hyderabad.
9	KHUSHANK GOYAL	19261A1421	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
10	KOTA ROHITH RAJ	19261A1423	M/s Cognizant Technology Solutions India Pvt. Ltd., Hyderabad

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11	MALOTHU KIRANKUMAR	19261A1426	M/s Autocracy Machinery Pvt Ltd , Hyderabad
12	MEKALA VAMSHI KRISHNA	19261A1428	M/s Magna Automotive India Pvt Ltd ,Pune
13	MOHAMMED ABDUL HAMEED	19261A1429	M/s Brane Services Pvt. Ltd, Hyderabad
14	MOHAMMED JALALUDDIN SULEMAN	19261A1431	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
15	MULKALA MANOJ PRABHAKAR	19261A1433	M/s Mindtree, A Larsen & toubro Group Company, Hyderabad.
16	PATI SRAVANI	19261A1436	M/s FCA Engineering India Private Limted (Stellantis), Chennai.
17	PINNAPU REDDY RITESH REDDY	19261A1437	M/s Autocracy Machinery Pvt Ltd , Hyderabad
18	RIKKULA ANIRUDHREDDY	19261A1439	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana
19	SAI SRIKER REDDY KUSUKUNTLA	19261A1441	M/s Cognizant Technology Solutions India Pvt. Ltd., Hyderabad
20	SHALI NEHAL	19261A1442	M/s TCS Limited , Hyderabad

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21	SIRIPURAM NIKHIL	19261A1443	M/s Anikini Technologies Pvt Ltd, Hyderabad
22	SIRIPURAPU HEMANTH KUMAR	19261A1444	M/s TCS Limited , Hyderabad
23	S Tejaswi Sunay Reddy	19261A1448	M/s PTWI India Pvt Ltd, Hyderabad
24	YELURI PURNA SATYANARAYANA	19261A1453	M/s Autocracy Machinery Pvt Ltd , Hyderabad
25	AZMEERA VIGNESH NAYAK	20265A1401	M/s Magna Automotive India Pvt Ltd ,Pune
26	PRERANA SHARMA	20265A1403	M/s FCA Engineering India Private Limited (Stellantis), Chennai.
27	SAGAR SINGU	20265A1405	M/s Magna Automotive India Pvt Ltd ,Pune
28	SONU RAM	20265A1406	M/s Mahindra and Mahindra Ltd , Zaheerabad , Telangana



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(Mechatronics)