



The background of the cover features a glowing blue and purple circuit board pattern with a central square containing the letters 'AI' in a bright orange glow. The text is overlaid on a dark blue diagonal band.

AI INSIGHTS

Department of CSE(AI&ML)
NEWS LETTER

JAN 2024

VOLUME 3- ISSUE 1

Message from Chairman's Desk



Sri C. Gopal Reddy
Chairman

It is rightly said by our Bharat Ratna, Dr. APJ Abdul Kalam “Dream is not that which you see while sleeping, it is something that does not let you sleep.” Yes!!! Indeed, it was my dream, goal and ambition, to establish a Knowledge Center, a Temple of learning, i.e., “CMR Group of Institutions”, which can be witnessed today on sprawling area of 70 acres on Medchal Road, Hyderabad. Currently under CMR Group of Institutions, which was established in the year 2002, have 04 Engineering Colleges and 01 Pharmacy College with over 16000 students studying in various streams of Engineering, Management and Pharmacy. The thirst for Excellence & Service has never subdued among us, thus we wish to make deeper inroads in the field of education by venturing into university, named “CMR Global University”, which will be seeing the light of day soon.

As it is said, Rome is not built in a day; CMR is also not built in a day. 20 years of dedication, commitment and hard work has resulted in CMR Group of Institutions. One of the strength of CMRGI is its strong Alumni. Till date, CMRGI has successfully produced over 18000 Engineers and 4500 Managers and 1200 Pharmacists. As the Tagline of the Group goes, “Think Placements, Think CMR”, we have been the pioneers in training and placing the students in many reputed companies with good packages. I feel proud to see my students’ donning prominent roles in many of the reputed companies.

Message from Secretary's Desk



Smt. C. Vasantha Latha
Secretary

As narrated by Swami Vivekananda, **“We want the education by which character is formed, the strength of mind is increased, the intellect is expanded, and by which one can stand on one’s own feet”**, we at CMR Technical Campus, believe quality education has the power to transform not only individuals but societies and the nation in large.

Our endeavor at CMRTC is to provide the right blend of education and all such necessary components which make students stay in the campus fruitful. The existence of various associations and Clubs, Departmental Associations, Professional Chapters in the campus ensure all-round development which an individual requires. Being in the field of Education for more than a decade, I strongly feel, **Education is the key for women to achieve economic independence**. CMRTC strongly supports women’s education and all such measures for their safety are taken care by our well functional Women Empowerment Cell of the institute.

About Director



Dr. A.Raji Reddy
Professor & Director

Dr. A. Raji Reddy, is a **1990 Batch Mechanical Engineer** from Nagpur University. He obtained his **Masters' Degree** from **Regional Engineering College [NIT] Warangal** in the year 1992 and Doctoral degree from **Osmania University in Mechanical Engineering** with Solar Energy as specialization in the year **2008**.

In his **28 years of service**, he has served in various capacities of administration, research, and academic roles. He even has two years of **Industrial experiences in M/s. Ashok LeyLand Ltd., (Ductron Casting Unit)**, Uppal, Hyderabad.

Currently he has **10 Patents filed** on his name and is Investigator of **03 Research Projects** to the tune of **Rs. 90 Lakhs Grant** from Govt. of India. He has successfully guided **10 M.Tech. Projects** and is currently guiding **03 Research Scholars** for their Ph.D. His research areas include solar thermal applications, Biomass conversion technologies, solar cooking and Heat transfer. There are over **40 Research Articles** to his credit in peer reviewed & reputed Journals & Conferences. He is reviewer of few Elsevier published Journals.

Recognitions and awards have been part of his career, which highlights the dedication and commitment he has laid down in fulfilling the responsibilities assigned to him. He is entitled as life member of Indian Society for Technical Education, Solar Energy Society of India and International Solar Energy Society of India. It was indeed a venue to receive **an award from Deputy Chief Minister of Telangana** for effective leadership qualities in 2018. Received **Acharya Ratna Award** from Indian Servers in the year 2019.

About Dean Academics



Dr. D.T.V. Dharamajee Rao

Professor, Mentor of Department CSE[AI&ML], Dean Academics

Dr. D.T.V. Dharamajee Rao is currently working as Professor in the Department of CSM and Dean (Academics) at CMR Technical Campus, Kandlakoya (V), Medchal Road, Hyderabad-501401. He received B.Tech. degree in Computer Science and Engineering in 1993 and M.Tech. degree in Computer Science and Technology in 2001 from Andhra University Visakhapatnam and Ph.D. degree in Computer Science and Engineering on the topic “Computational Acceleration of Deep Neural Network Training Algorithm for Data Classification” in 2020 from JNT University, Kakinada, Andhra Pradesh.

He has over **26 years of teaching experience**. During his teaching career, he taught various subjects like AIML, Data Mining, Computer Networks, Database Management Systems, Operating Systems, C, C++, and JAVA Programming, etc.

He got published more than **24 papers in National, International Conferences and Journals**. His current Research interests include Artificial Intelligence, Machine Learning, Deep Learning, Data Mining and High Performance Computing (OpenMP, MPI, PThreads, CBLAS, CUBLAS, and CUDA). He guided 38 B.Tech. Students Project Batches and 20 M.Tech. Students. He played an active role in organizing a couple of FDPs, seminars and conferences in the field of Computer Science and Engineering, convened various technical and cultural fests and annual day celebrations successfully. Further, he has actively monitored the entire campus ICT Networking process for several years in the previous organization.

He was involved and played a key role in four cycles of NBA, two cycles of NAAC accreditation processes and also in two cycles UGC Autonomous status during his previous service. He is a paper setter for various private Engineering colleges. He is Life Member of various Professional bodies like ISTE (LM 55943), CSI (00174203), IE (I) (M-145250-3).

About Head of the Department



Dr. S Rao Chintalapudi Professor & HOD CSE [AI & ML]

Dr. S Rao Chintalapudi currently working as a Professor and Heading the department of CSE (Artificial Intelligence & Machine Learning). He received B.Tech degree from JNTU Hyderabad, M.Tech degree from JNTU Kakinada. He did his Ph.D – Full Time in Data Mining from JNTUK Kakinada under the guidance of Dr. M. H. M Krishna Prasad. His research areas are Data Mining, Social Network Analysis, Machine Learning, Deep Learning, Big Data Analytics and High Performance Computing. Presently, he is guiding one Ph.D scholar in the area of machine learning in e-commerce under JNTUK Kakinada.

He is having over **12 Years of teaching experience**. He published **17 publications** in international indexed journals, Conferences and Book chapters. He is a member of Board of Studies in JNTUK Kakinada, BVC Engineering College Odalarevu, Ideal institute of Arts and Sciences Kakinada.

He received a grant of **32 lakhs** from the Department of Science & Technology (DST) as a Principal Investigator. He applied for **2 patents** in the area of machine learning. Previously, he worked as a Head of AI and Deep Learning Research Group under leadingindia.ai project. He acted as a resource person for various workshops, FDPs and STTPs in institutes like MIT Manipal, CET Bhubaneswar, MIT Pune. He organized several guest lectures, workshops, FDPs in the areas like Big Data Analytics, High Performance Computing, Artificial Intelligence and Deep Learning.

His teams selected for Smart India Hackathon Grand Finale three consecutive years i.e., 2018, 2019, 2020. He is a reviewer for several prominent journals like IEEE Transactions on Knowledge and Data Engineering, Springer-International Journal of Information Technology, Taylor & Francis- Journal of Experimental & Theoretical Artificial Intelligence and so on. He is a member of several professional bodies like IEEE, ACM, CSI, IAENG and so on. He completed several online certification courses provided by Coursera, NPTEL such as Mining Massive Datasets, Social Networks, Introduction to Machine Learning, Deep Learning, Fundamentals of Deep Learning for Computer Vision and so on. He received Topper certificate for the course “**Introduction to Machine Learning**” offered by NPTEL. He received Elite Academician award from AICTE, DST and Texas Instruments. He qualified in several competitive exams like GATE, APSET, FET. He received merit award in B.Tech for his Academic Excellence.

Department of CSE [AI&ML]

Vision of Department:

To excel in Artificial Intelligence and Machine Learning education and research to develop ethical AI solutions for societal and industrial advancement.

Mission of Department:

- To provide a state-of-the-art learning environment to develop AI&ML expertise for solving real-world problems.
- To promote industry-oriented research and innovation while upholding ethical and professional values.
- To cultivate lifelong learning, teamwork and leadership skills for global technological challenges.

Program Educational Objectives (PEOs):

PEO 1 - Graduates will have the ability to solve real-world problems using Artificial Intelligence and Machine Learning.

PEO 2 - Graduates will have the ability to pursue research and higher education in AI domain.

PEO 3 - Graduates will become ethically driven leaders and entrepreneurs in the field of Artificial Intelligence.

Program Specific Outcomes (PSOs):

PSO 1 - Apply the principles and conduct investigations in Artificial Intelligence and Machine Learning for sustainable development. .

PSO 2 - Design and develop intelligent solutions using AI technologies.

PSO 3 - Adopt lifelong learning and continuous improvement in ethical and responsible AI solutions.

Program Outcomes (POs)

PO 1: Engineering Knowledge: Apply knowledge of mathematics, natural science computing, engineering fundamentals and an engineering specialization to develop to the solution of complex engineering problems.

PO 2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development.

PO 3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required.

PO 4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions.

PO 5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems.

PO 6: The Engineer and The Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws.

PO 9: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO 10: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning Differences.

PO 11: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO 12: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change.

PHD Details

S.No	Faculty Name	Name of the University	Area of the Research	Year of the Registration	Year of the Graduation
1	G.ParvathiDevi	K L University, Hyderabad.	Artificial Intelligence	2023	Enrolled
2	Bushra Tarannum	BESTIU(Bharatiya Engineering Science and Technology Innovation University, AP	Machine Learning	2023	Enrolled
3	Shaik Sharif	BESTIU(Bharatiya Engineering Science and Technology Innovation University, AP	Artificial Intelligence	2023	Enrolled

Faculty Achievements

List of Journal Papers Published

S.No	Author Name	Title of the Paper	DOI	ISSN/ISBN	Journal Name, Publisher & Indexing	Month/Year
1	Dr.Mahesh Kotha, Dr.G Vinoda Reddy	Improving Security for the Users Data By Using Security Certification System in Cloud Computing	10.32628/CSEIT12390146	2456-3307	International Journal of science Research in Computer Science ,Engineering and Information Technology & Peer Reviewed	Jul 2023
2	Dr. Mahesh Kotha	A Hybrid Machine Learning Model to Recognize and Detect Plant Diseases in Early Stages	10.17762/ijritcc.v11i9s.7390	2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication & Peer Reviewed	Jul 2023
3	G.Vinoda Reddy	A Medical System Based On Explainable,Artificial Intelligence:Autism Spectrum Disorder	10.32628/CSEIT23902102	2147-6799214	International journal ofIntelligent Systems and Applications Engineering &Peer Reviewed	Jul 2023
4	Dr.Mahesh Kotha	A Hybrid Machine Learning Model to Recognize and Detect Plant Diseases in Early Stages	10.17762/ijritcc.v11i9s.7390	2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication & Peer Reviewed	Aug 2023
5	Dr. Mahesh Kotha	A Secured Data Storage in Cloud Computing by Using Block Design Based Key Agreement	10.32628/CSEIT23902102	2456-3307	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT) & Peer	Aug 2023
6	G.Parvathi Devi	An Effective Mechanism for users Data in Cloud Computing with Security Certification	10.17762/ijritcc.v11i9s.7390	2582-3930	International Journal Of Scientific Research in Engineering And Management & Peer Reviewed	Aug 2023

7	Saggurthi Kiran	Improving Phishing Website Detection With Machine Learning:Revealing Hidden Patterns for	10.17762/ijritcc.v11i9.8353	11(9):277-284	International Journal on Recent and Innovation Trends in Computing and Communication & Peer	Sep 2023
8	G.Vinoda Reddy,Dr.Mahesh Kotha	Framework for Virtualized Network Functions in Cloud of Things Based on Network Traffic	10.17762/ijritcc.v11i11s.8068	2321-8169	International Journal on Recent and Innovation Trends in Computing and Communication& Peer	Oct 2023
9	Sheri Ramachandra Redy	Compelling method for managing Further foster System Execution and Cost Evaluation for Cloud	https://www.propulsiontechjournal.com/index.php/journal/article/view/1135	1001-4055	Tuijin Jishu/Journal of Propulsion Technology & Peer Reviewed	Oct 2023
10	Badam Prashanth	SCA Sybil-based Collusion Attacks of IIOT DATA POISONINGin	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
11	Shaik Sharif	Artificial Intelligence Crime an Overview of Malicious use and Abuse of AI	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
12	Gumpula Aravind	A Deep Learning Based Approach For Inappropriate content Detection and Classification of Youtube Videos	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
13	Kekkarla madhu	Network Intrusion Detection Using Supervised Machine Learning Technique With Feature Selection	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
14	Jaguri Susmitha	Student Performance Prediction in Online Course Using Machine Learning Algorithm	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
15	DTV Dharmajee Rao	Predicting Employees Under Stress for Pre-Emptive Remediation using Machine Learning Algorithm	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
16	Srinu Vandanapu	Identification of Fake Profile in Social Network using NLP and Machine Learning	https://www.isteonline.in/Viewtopics.aspx?MenuId=2023_1503	0971-3034	The Indian Journal Of Technical Education & Peer Reviewed	Nov 2023
17	Dr.G.Vinoda Reddy	DDoS attack detection in IoT environment using optimized Elman recurrent neural networks based on chaotic bacterial colony optimization	10.1007/s10586-023-04187-4	4469–4490	Cluster Computing Open source , Springer & Scopus Indexed	Nov 2023
18	Dr. Mahesh Kotha	A Sliding Window Centralized Security Technique For Internet Of Things Using Blockchain Technology	https://www.researchgate.net/publication/377364236_A_Sliding_Window_Centralized_Security_Technique_For_Internet_Of_Things_Using_Blockchain_Technology	2320-2882	International Journal Of Creative Research Thoughts & Peer Reviewed	Dec 2023
19	Swaroop Rani B	Automated and reliable detection of multi diseases on chest X-ray images using optimized ensemble transfer learning	10.1016/j.eswa.2023.12810	122810	Expert systems with Applications Web of Science & Scopus Indexed	Dec 2023
20	Dr. G Vinoda Reddy	An Artificial Intelligence Based Rainfall Prediction Using LSTM and Neural Networks	https://ijcrt.org/papers/IJCRT2312294.pdf	2320-2882	International Journal Of Creative Research Thoughts & UGC Care	Dec 2023

List of Conference Papers Published

S.No	Author	Title of the Paper	DOI	ISSN/ISBN	Conference Name & Publisher	Month/Year
1	Swaroop Rani B	Deep Learning Based Cancer Detection in Bone Marrow Using Histopathological Images	10.1109/ICICACS57338.2023.10100116	979-8-3503-9847-2	International Conference on Integrated Circuits and Communication Systems & IEEE Xplore	Jul 2023
2	Shaik Sharif	Human Action Recognition by Learning Spatio-Temporal Features with Deep Neural Networks	10.1051/e3sconf/202343001154	2267-1242	E3S Web Conferences & Web of Conferences	Oct 2023
3	V Ravinder naik	Predicting the Spread Of the Corona Virus Disease Requires Analyzing Data from Cases across Multiple States in India	10.1051/e3sconf/202343001153	2267-1242	E3S Web Conferences & Web of Conferences	Oct 2023
4	V.Ravinder Naik	Techniques of Machine Learning for the Purpose of Predicting Diabetes Risk in PIMA Indians	10.1051/e3sconf/202343001151	2267-1242	E3S Web Conferences & Web of Conferences	Oct 2023
5	Bushra Tarannum	A Novel Multi-Focus Fusion Analysis Technique for Adaptive and Gradient Joint Constraints GAN	10.1007/978-981-97-8043-3_186	978-981-97-8042-6	International Conference on Data Science, Machine Learning and Applications & Springer	Oct 2023
6	V.Srinu	Classification of Potholes and Plain Roads For Self-Driving Cars	10.1109/ICCCMLA58983.2023.10346911	979-8-3503-3829-4	International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA) & IEEE Xplore	Oct 2023
7	Saritha U	Employability Prediction using Facebook Prophet for Computer Science and Engineering Graduates	10.1109/ICSCNA58489.2023.10370572	979-8-3503-1399-4	International Conference on Sustainable Communication Networks and Application (ICSCNA) & IEEE Xplore	Nov 2023
8	VNVSHarsha, Dr. S.Rao Chintalapudi	Segment Anything: GPT-3 and Logistic Regression Approach for Skin Cancer Detection	10.1201/9781003529231	9781003529231	International Conference on Algorithms in Advanced AI & CRC Press	Nov 2023
9	Bushra Tarannum	Data-driven Identification of High-risk Patients for CKD- Machine Learning Perspective	10.1109/ICCCMLA58983.2023.10346934	79-8-3503-3828-7/23	International Conference on Cybernetics, Cognition and Machine Learning Applications & IEEE Xplore	Nov 2023

List of Books/Book Chapters Published

S.No	Name of the Authors	Book Title/ Book Chapter Title	Publication House & ISBN No.	Volume No. Issue No.	Page no	Month&Year of Publication
1	Dr. G.Vinoda Reddy, Dr. Kotha Mahesh	Fundamentals Of Internet Of Things And Its Applications	Scientific International Publishing House & 9789357571883	Vol:1	216	Jun 2023
2	Dr. Kotha Mahesh	Fundamentals Of Cloud Computing	Scientific International Publishing House & 9789357570695	Vol:1	303	Jul 2023
3	Mrs.Swaroop Rani B	Python Algorithms: Mastering Data Structures and Problem Solving	Deccan Academic International & 9788196499303	Vol:1	1-227	Aug 2023

List of Faculty Support in Student Innovative Projects

S.No	Name of the Faculty	Name of the Event	Date of Event	Place of Event	Website Link if any
1	Dr . S Rao Chintalapudi	Model United Nations 2024 NNRG-MUN	6/15/2023	Nalla Narsimha Reddy Education Society's Group of Institutions-Integrated Campus	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
2	Dr. G. Vinoda Reddy	Model United Nations 2024 NNRG-MUN	6/15/2023	Nalla Narsimha Reddy Education Society's Group of Institutions-Integrated Campus	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
3	Mrs. G. Parvathi Devi	CMRITMUN-2023	9/12/2023	CMR IT,Hyderabad	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
4	Dr.G.Vinoda Reddy	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
5	G.Parvathi Devi	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
6	Syed Sumaiya Afreen	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
7	B.Swaroop Rani	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
8	Y.Neeraja	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/
9	Bushra Tarannum	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/departments/departments-of-computer-science-engineering-ai/ml/student-achievements-aiml/

10	U.Saritha	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
11	B.Duraga Bhavani	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
12	K.Nagamani	MSME IDEA HACKATHON 3.0	10/8/2023	MSME	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
13	Dr . S Rao Chintalapudi	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
14	Dr . S Rao Chintalapudi	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
15	Dr.Vinoda Reddy	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
16	Dr.K.Mahesh	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
17	B. Durga bhavani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
18	S. Ramchandra Reddy	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
19	S.Kiran	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/
20	Prashanth Desai	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/department/s/department-of-computer-science-engineering-ai-ml/student-achievements-aiml/

Faculty Internship / Training / Collaboration

S.No	Name of the Faculty	Name of the Internship/ Training / Collaboration	Name of the Company	Duration	Outcomes of the Internship/ Training / Collaboration
1	Dr.Mahesh Kotha	Training on Google Cloud Career Launchpad program	Google	30 Days	77 Students completed certification courses in Google Cloud
2	G.Parvathi Devi	Training on Juniper Networks Cloud & Automation	Juniper Networks	30 Days	Expertise to conducting Training for students
3	S.Kiran	Training on ZScaler CyberSecurity Fundamentals Associate Course	ZScaler	1 Week	Expertise to conducting Training for students
4	S.Kiran	Training on ZScaler Zero Trust Associate (ZTCA) Certification	ZScaler	1 Week	Expertise to conducting Training for students
5	Dr. Mahesh Kotha	Training on Microsoft Power BI Data Analyst Associate	Microsoft	1 Day	Expertise to conducting Training for students
6	G.Pavan	Training on Prerequisites for Google Project Management	Infosys	5 Days	1 Student completed certification course in Infosys

List of Faculty Development Programs Organized

S.No	Name of the Program	Date of the Program	Duration of the Program	Name of the Speaker & Designation and Organization	No. of People Attended
1	One Week FDP on Artificial Intelligence & Machine Learning	17th July - 22nd July 2023	1 Week	Dr. G, Naresh , Mr.B.Rajesh Kumar and Pragathi Engineering College	22
2	One Week FDP on "Full Stack Web Development using ReactJS and NODEJS"	25th Sep – 29th Sep 2023	1 Week	B.Rajinikanth & Trainer and WIPRO	50
3	One Week FDP on "AI TRANSPARENCY: A DEEP DIVE INTO EXPLAINABLE AI"	18th Dec- 23rd Dec 2023	1 Week	Mr. Ashish Kumar CCMB HYD and Mr. Sharat Chandra,Data Scientist and Director, Innodatics Inc. USA and 360DigiTMG	23
4	One Week FDP on "Microsoft PowerBI" in association with ICT Academy	03rd Oct – 07th Oct 2023	5 Days	ICT Academy	38

Consultancy Work Details

S.No.	PI Name	Co-PI Name	Project Title	Funding Agency	Duration	Amount (In Rupees)
1	Dr. D.T.V Dharmajee Rao	B. Prashanth	E-Cart for Printing services and Billing System	San Prints Pvt. Ltd.	6 Months	2,67,377

List of faculty members received seed money or internal research grant from the institution

S.NO	Faculty Name	Project title/ support for activity	Duration	Amount (Lakhs)	Amount Utilised (Lakhs)	Outcome of the project
1	Dr. G. Vinoda Reddy	DDoS attack detection in IoT environment using optimized Elman recurrent neural networks based on chaotic bacterial colony optimization	3 MONTHS	0.33	0.33	One paper Published in Scopus indexed Journal Cluster Computing Open source
2	Dr.G. Vinoda Reddy, Gumma Parvathi Devi	Sentiment Analysis in Social Media Using Deep Learning Techniques	6 MONTHS	0.63	0.63	One paper Published in Scopus indexed Journal International Journal of Intelligent Systems and Applications in Engineering

Student Achievements

Certifications :

- **37 students** successfully completed the **NPTEL Online Certification Course on Distributed Systems**



- **38 students** successfully completed the **Google Cloud Career Readiness Program (ACE Track) 2023–2024**



Google Cloud

- **142 students** successfully completed the **IIIT Bombay Spoken Tutorial Certification Program**, enhancing their proficiency in various open-source software technologies



- **55 students** successfully completed certification programs through **EduSkills**, gaining valuable industry-oriented skills and practical exposure



- **88 students** earned certifications through **Infosys Springboard**, strengthening their technical expertise and career readiness



Student Notable Achievements

Cricket Winners in ASHWATTHAMA-2023 at Sreenidhi Institute of Science and Technology, Hyderabad



Kho-Kho Runners in TechTrophy 2k23 State Level Sports Meet at Malla Reddy Engineering College for Women, Hyderabad



Ms Hyma, B.Tech II Year participated in Karthavya Path PM Rally during 75th Republic Day Celebrations held at New Delhi.



Successfully developed a Proof of Concept(PoC) for her idea in WE Alpha cohort -3 batch-2 2024 organized by WE Hub, Govt. of Telangana



Events Organized

One Day Workshop on “Data Analytics and Visualisation Using Microsoft Power BI”



CMR TECHNICAL CAMPUS
DEPARTMENT OF CSE(AI&ML)

**ONE DAY WORKSHOP ON
DATA ANALYTICS AND VISUALIZATION
USING MICROSOFT POWER BI**

CONTENT

- Introduction to Data Analytics
- Introduction to Data Visualization
- Installation of Power BI
- Data Analytics using Power BI
- Data Visualization using Power BI

* PARTICIPATION CERTIFICATE WILL BE GIVEN.
* 50 SEATS ONLY.
* REGISTRATION FEE: 50/-
* THE REGISTRATION FEE WILL BE REFUNDED FOR THOSE WHO QUALIFY THE ASSESSMENT TEST

SPEAKER
Dr. K. MAHESH

8 JULY 2023
LAB NO: 014

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“Session on Intellectual Property Rights(IPR)”



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Department of CSE(AI & ML)
in association with
Institution's Innovation Council (IIC 5.0) Organizing
Session on
"INTELLECTUAL PROPERTY RIGHTS(IPR)"

GUEST SPEAKER
Dr. Ashutosh Saxena
Prof. & Dean (R & D), Department of CSE, CMRTC

For Students and Faculty
Room no:125

Registration link: <https://forms.gle/KCBxR16kHr7ekvRK8>

18-07-2023 11:00AM to 12:20PM

B.Prashanth Syeda Sumaiya Afreen
Co-Deans,IIC
CMR TECHNICAL CAMPUS
Hyderabad

Dr.S.Rao Chintalapudi
HOD of CSE(AI&ML)

Dr.Sudha Arvind
Convener,IIC
CMR TECHNICAL CAMPUS
Hyderabad

Dr.K.Srujan Raju
Vice President,IIC
CMR TECHNICAL CAMPUS
Hyderabad

Dr.M.Ahmed Ali Baig
President,IIC
CMR TECHNICAL CAMPUS
Hyderabad

Dr.A.Raji Reddy
Director,IIC
CMR TECHNICAL CAMPUS
Hyderabad



Session on Accelerator/Incubation – Opportunity for Students and Faculty – Early Stage Entrepreneurs

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Department of CSE(AI & ML)
in association with
Institution's Innovation Council (IIC 5.0) Organizing
Session on

Topic: "SESSION ON ACCELERATOR/INCUBATION - OPPORTUNITY FOR STUDENTS AND FACULTIES - EARLY STAGE ENTREPRENEURS"

GUEST SPEAKER
Dr. P Venkatakrishnan
Professor, Industry Institution Interaction Cell incharge

Room no:120

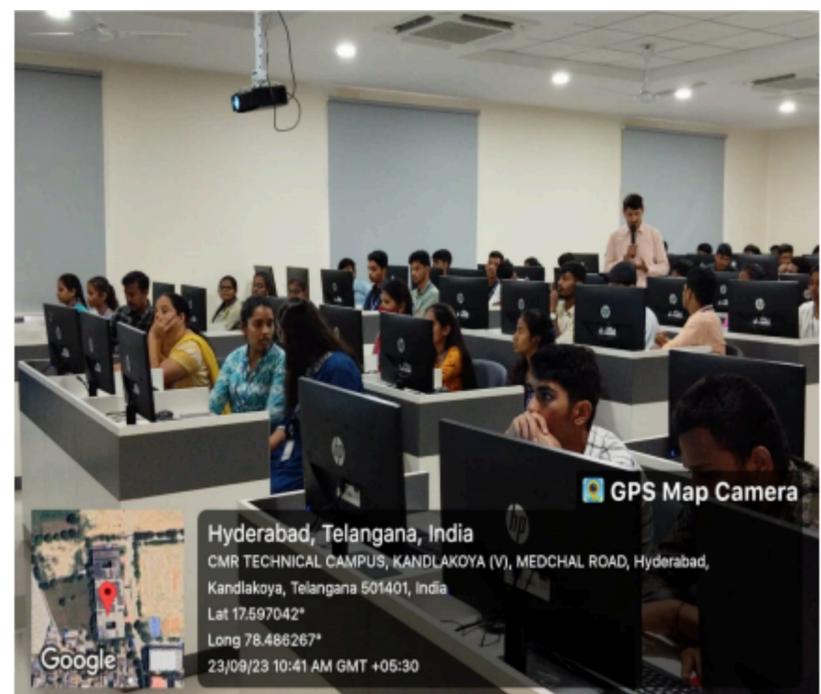
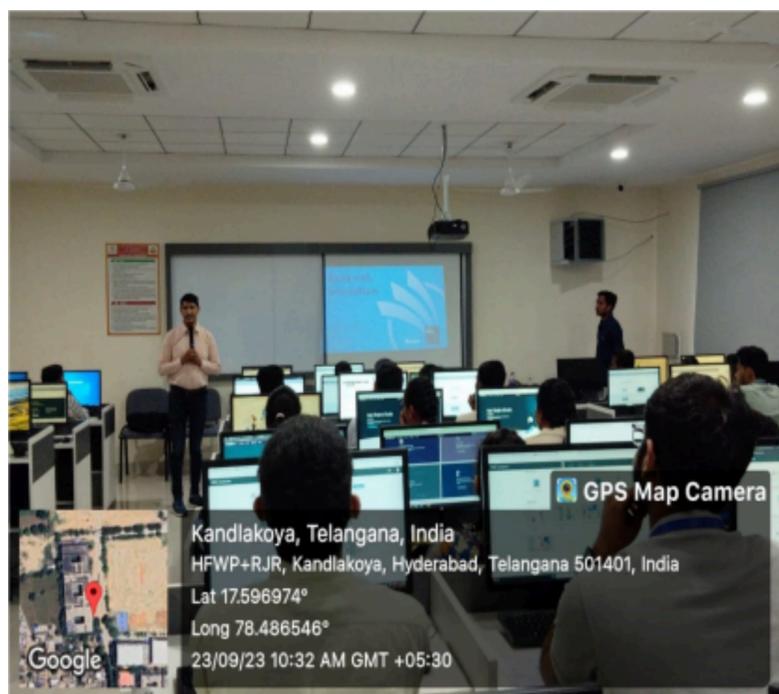
Registration link: <https://forms.gle/FSM4Etuq2JcGAWDYA>

18-08-2023 **11:00AM to 12:20PM**

B.Prashanth Syeda Sumaiya Afreen (Co-ordinator, IIC)
Dr.S.Rao Chintalapudi (HOD of CSE(AI&ML))
Dr.Sudha Arvind (Coordinator, IIC)
Dr.K.Srujan Raju (IIC)
Dr.M.Ahmed Ali Baig (IIC)
Dr.A.Raji Reddy (IIC)



Build with ServiceNow – A Hands on session



1st Year Induction Program Session on “Introduction to Engineering and Industry Expectations”

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DEPARTMENT OF CSE(AI & ML)
1 YEAR B. TECH INDUCTION PROGRAM 2023-24
 Session on
“INTRODUCTION TO ENGINEERING AND INDUSTRY EXPECTATIONS”

GUEST SPEAKER
RAMANAMURTHY SARIPALLI
 Director, Vardaan Data Sciences Pvt. Ltd

Auditorium, D- Block **07-09-2023** **9:20 AM-12:20 PM**

B. Mamatha (Co-ordinator), **Syeda Sumaiya Afreen** (Co-ordinator), **Dr.S.Rao Chintalapudi** (HOD CSE(AI&ML))
Dr. D T V Dharmajee Rao (Dean Academics), **Dr.A.Raji Reddy** (Director)

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Institution’s Innovation Day Celebrations 2K23 (Dr APJ Abdul Kalam’s Birth Anniversary Celebrations)

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INSTITUTION'S INNOVATION DAY CELEBRATIONS - 2K23
 (Dr. A. P. J. Abdul Kalam's Birth Anniversary - 15th October)

- Event-1**
ignite 2K23 - Idea Presentation Competition
 Date : 13/10/2023
 Venue : Block-B
- Event-2**
innovate 2K23 - Prototype Expo
 Date : 14/10/2023
 Venue : Block-B

Dr. A. P. J. Abdul Kalam
 (1931 - 2015)

***Prizes for Winners and runners**

Note: *Participation certificate will be given for all the participants.

Registration link(Idea presentation): <https://forms.gle/a1Jb9EgqECq9UdMA>
 Registration link(Prototype Expo) : <https://forms.gle/EDMGJP6m51vFa3G78>

B.Prashanth A. Ramesh (Co-Ordinators,IIC), **Dr.S Rao Chintalapudi** (HOD of CSE(AI&ML)), **Dr.Sudha Arvind** (Convener,IIC)
Dr.K.Srujan Raju (Vice President,IIC), **Dr.M.Ahmed Ali Baig** (President,IIC), **Dr.A.Raji Reddy** (Director)

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Session on “My Story – Motivational Session by Successful Innovators

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**ORGANIZING SESSION ON
"MY STORY - MOTIVATIONAL SESSION BY SUCCESSFUL
INNOVATORS"**

16-11-2023
10:20AM TO 12:20PM
Auditorium, D-Block

Raghu D
Founder
Kaiteki Innovations Pvt Ltd, Hyderabad.

Note: *Participation certificate will be given for all the participants.

Registration link: <https://forms.gle/n8mZX1fusFnh3bd49>

B.Prashanth A. Ramesh Co-Ordinator, IIC CMR TECHNICAL CAMPUS Hyderabad	Dr.S Rao Chintalapudi HOD of CSE(AI&ML) CMR TECHNICAL CAMPUS Hyderabad	Dr.Sudha Arvind Convener, IIC CMR TECHNICAL CAMPUS Hyderabad
Dr.K.Srujan Raju Vice President, IIC CMR TECHNICAL CAMPUS Hyderabad	Dr.M.Ahmed Ali Baig President, IIC CMR TECHNICAL CAMPUS Hyderabad	Dr.A.Raji Reddy Director CMR TECHNICAL CAMPUS Hyderabad

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One day workshop on “Robotic process automation using UiPath”

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DEPARTMENT OF CSE(AI & ML)
ASSOCIATION OF ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING ORGANIZING

**ONE DAY WORKSHOP ON ROBOTIC PROCESS
AUTOMATION USING UIPATH**

**GUEST SPEAKER
GANGADHAR ATHILI**
RPA Technical Lead - CognitBotz Solutions

11-11-2023
9:30 AM to 4:00 PM
John McCarthy Centre, Block-B

Registration fee ₹ 50/-

NOTE : Registration fee will be refunded after successful completion of workshop

Registration link : <https://forms.gle/434JiSx4tAyctyy39ion>

• E-Certificate will be provided for the participants

Mrs.Hafeena Mohammad Co-Ordinator CMR TECHNICAL CAMPUS Hyderabad	Mrs.U.Saritha Co-Coordinator CMR TECHNICAL CAMPUS Hyderabad	Dr.S Rao Chintalapudi HOD of CSE(AI&ML) CMR TECHNICAL CAMPUS Hyderabad
Dr. D T V Dharmajee Rao Dean (Academics) CMR TECHNICAL CAMPUS Hyderabad	Dr.M.Ahmed Ali Baig Dean (Administration) CMR TECHNICAL CAMPUS Hyderabad	Dr.A.Raji Reddy Director CMR TECHNICAL CAMPUS Hyderabad

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From the Editorial

Greetings to all

The department is cheerful to present the fifth edition of the department of CSE (AI&ML) newsletter. It motivates, enlightens and enables the Student & Staff community to focus on their goals and achieve more. This issue explores the hidden talents, commitment, involvement and achievements of the Department Students and Staff Community in their Extra and Co-Curricular activities to the world.

The newsletter of the Department of CSE (AI&ML) covers the information about the Faculty Development Program, faculty achievement, student activities and events.

We look forward to your continued contribution and participation in this Newsletter. Your good ideas, comments or valuable suggestions about this Newsletter are welcome. This may lead to enhance the quality and professionalism of this newsletter in forth coming editions. Thank you for choosing and spending time with this newsletter. We hope, this Newsletter encourage you to conquer more in your field.

*Sd/-
Editorial*

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