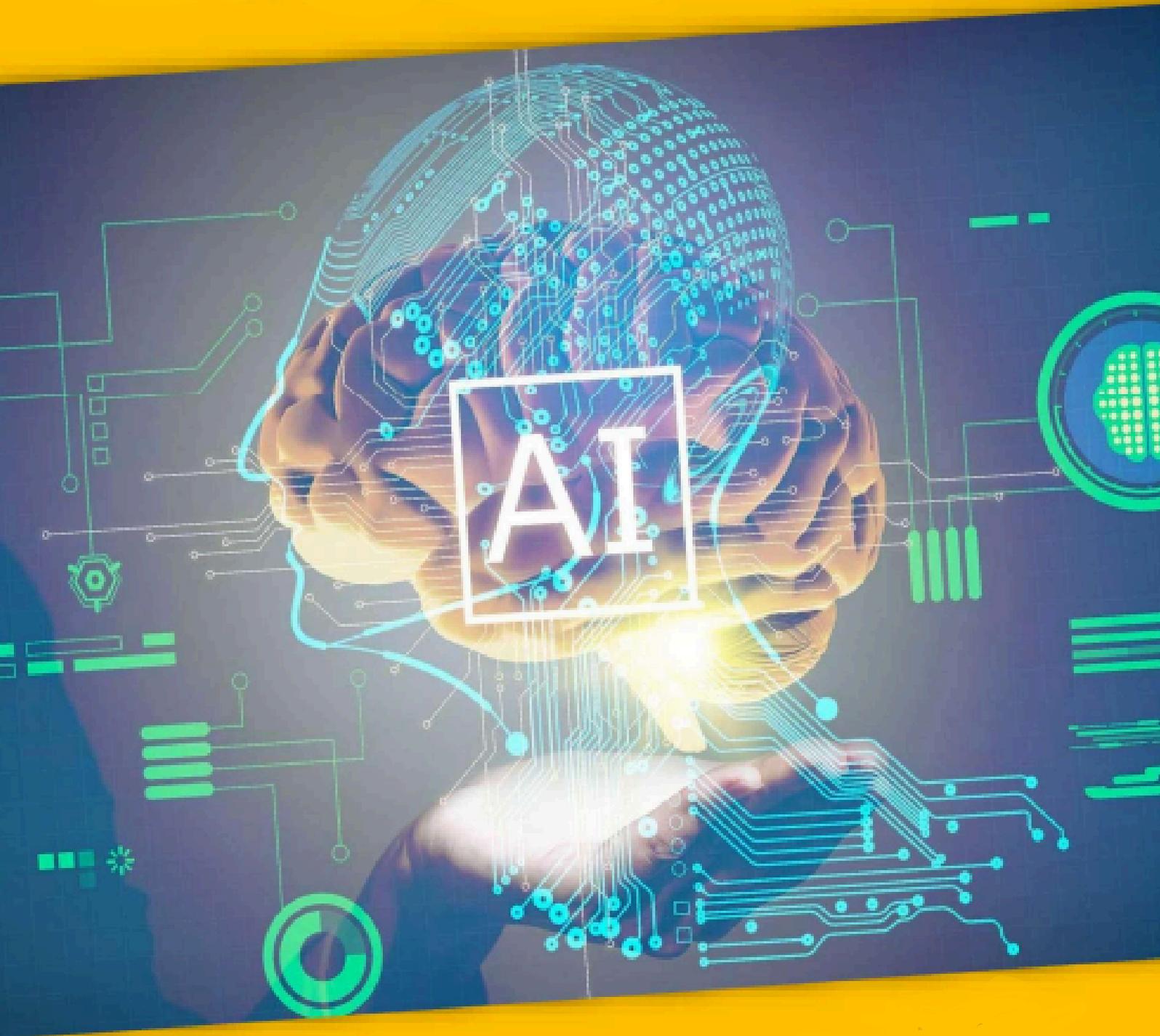


AI INSIGHTS



Department of CSE(AI&ML)

NEWS LETTER

JULY 2024

VOLUME 3- ISSUE 2

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 strengths 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 has 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.

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. 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	Jan 2024
2	Dr.G Vinoda Reddy	Analysis of Acute Respiratory Distress Syndrome using Machine Learning	https://ijsrem.com/download/analysis-of-acute-respiratory-distress-syndrome-using-machine-learning	2582-3930	International Journal of Scientific Research in Engineering and Management & Peer Reviewed	Jan 2024
3	G. Vinoda Reddy, Gumma Parvathi Devi	Sentiment Analysis in Social Media Using Deep Learning Techniques	IJISAE/article/view/5557	1588–1597	International Journal of Intelligent Systems and Applications in Engineering & Scopus Indexed	Mar 2024
4	Dr. G. Vinoda Reddy	Dynamic Spectrum Access for Advanced Wireless Networks	https://ijsrem.com/download/dynamic-spectrum-access-for-advanced-wireless-networks	2582-3930	International Journal of Scientific Research in Engineering and Management & Peer Reviewed	Apr 2024

List of Conference Papers Published

S.No	Author	Title of the Paper	DOI	ISSN/ISBN	Conference Name & Publisher	Month/Year
1	Bushra Tarannum	Data-driven Identification of High-risk Patients for CKD-Machine	10.1109/ICCCM LA58983.2023.10346934	79-8-3503-3828-7/23	International Conference on Cybernetics, Cognition and Machine	Jan 2023
2	Dr. V Malsoru	Multi-Class Sentiment Classification using Feature Selection and Machine Learning Algorithms	10.1109/ICIICS 59993.2023.10421075	979-8-3503-1546-2	International Conference on Integrated Intelligence and Communication Systems (ICIICS) & IEEE Xplore	Feb 2024
3	Dr. Mahesh Kotha	Prairie Dog Optimization Based Efficient Task Scheduling in the Cloud Computing	10.1109/ICIICS 59993.2023.10421562	979-8-3503-1546-2	International Conference on Integrated Intelligence and Communication Systems & IEEE Xplore	Feb 2024
4	V Ravinder Naik	Model stacking of Spatial Spectral Network with Capsule Networks for Classification of Hyper-Spectral Images	10.1109/ICIICS 59993.2023.10421247	979-8-3503-1546-2	International Conference on Integrated Intelligence and Communication Systems & IEEE Xplore	Feb 2024
5	Dr. Mahesh Kotha	A Novel Encryption Framework to Improve the Security of Medical Images	10.1007/978-981-99-9704-6_13	978-981-99-9703-9	International Conference on Computer & Communication Technologies & Springer	Feb 2024
6	Badam Prashanth	Kullback–Leibler Divergence-Based Feature Selection Method for Image Texture Classification	10.1007/978-981-99-9704-6_27	978-981-99-9703-9	International Conference on Computer & Communication Technologies & Springer	Feb 2024

7	Swathi Rudra	CRNN-Based Eye Behavior Analysis for Drowsiness	10.1007/978-981-99-9704-6_36	978-981-99-9703-9	International Conference on Computer & Communication	Feb 2024
8	G. Pavan	Investigating the abnormalities of deep learning with customized architecture using deep	10.1051/mateconf/202439201120	2261-236X	International Conference on Multidisciplinary Research and Sustainable Development	Mar 2024
9	Bushra Tarannum	Brain Tumor Detection and Segmentation Using Deep Learning Models with Dual	10.1007/978-981-99-9707-7_13	978-981-99-9706-0	International Conference on Computer & Communication Technologies & Springer	Mar 2024
10	Dr. Md. Mohammad Shareef	Measles Detection Using Deep Learning	10.1007/978-981-99-9707-7_36	978-981-99-9706-0	International Conference on Computer & Communication Technologies & Springer	Mar 2024
11	Prashanth Mutalik Desai	Image reconstruction techniques using deep learning networks with high quality	10.1051/mateconf/202439201114	2261-236X	International Conference on Multidisciplinary Research and Sustainable Development	Apr 2024
12	Sheri Ramchandra Reddy	HEECCNB: An Efficient IoT-Cloud Architecture for Secure Patient Data Transmission	10.1109/ICIIP61524.2023.10537627	979-8-3503-7141-3	International Conference on Image Information Processing & IEEE Xplore	May 2024
13	U Saritha	Advancing Precision Heart Disease Diagnosis for Proactive Healthcare	10.1109/ICIIP61524.2023.10537779	979-8-3503-7141-3	International Conference on Image Information Processing & IEEE Xplore	May 2024
14	Dr. G. Vinoda Reddy	Deep Learning based vehicle image detection using Yolo V5 with Region-Based	10.1109/AIIoT58432.2024.10574705	979-8-3503-7213-7	International Conference on Artificial Intelligence For Internet of Things (AIIoT)	May 2024
15	Azmeera Ramesh, Koripalli Nagamani	Resource Allocation Using Improved Grey Wolf and The Ant Colony Optimization	10.1109/ICONS TEM60960.2024.10568719	979-8-3503-6510-8	Ninth International Conference on Science Technology Engineering and	June 2024

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	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	S. Ramchandra Reddy	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-ml/student-
2	S.Kiran	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
3	Prashanth Desai	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
4	G.Pavan	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
5	B.Prashanth	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
6	B. Swaroopa Rani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
7	B. Swaroopa Rani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-
8	B. Swaroopa Rani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/department-of-computer-science-engineering-ai-

9	B. Swaroopa Rani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
10	S.Kiran	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
11	Dr.G. Vinod Reddy	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
12	Dr.K.Mahesh	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
13	U.Saritha	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
14	M. Ravindran	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
15	V.Srinu	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
16	Y. Neeraja	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
17	K.Nagamani	Technovanza 3.0 Internal Hackathon For SIH 2023	9/26/2023	CMR Technical Campus, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-ai-ml/student-
18	Dr. K. Mahesh	Model United Nations-2023	12/7/2023	CMR Institute of Technology, Hyderabad	https://cmrtc.ac.in/departments/departmen-t-of-computer-science-engineering-

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	G.Pavan	Training on Techniques for Big Data Analytics	Infosys	5 Days	2 Students completed certification course in Infosys
2	Dr.Mahesh Kotha	Training on UML- Unified Modelling Language	Infosys	5 Days	2 Students completed certification course
3	Dr.S Rao Chintalapudi	Training on Introduction to Machine Learning	Infosys	5 Days	Expertise to conducting Training for students
4	Dr.G.Vinoda Reddy	Training on Python for Data Science	Infosys	5 Days	Expertise to conducting Training for students
5	Dr. V.Malsoru	Training on Introduction to Artificial Intelligence	Infosys	5 Days	Expertise to conducting Training for students

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 "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
2	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
1	Dr. Md. Shareef	Bushra Tarannum	Automated Admission Management System	NSEIT Limited	3 Months	42,210

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. V. Malsoru	Multi-Class Sentiment Classification using Feature Selection and Machine Learning Algorithms	3 MONTHS	55	55	One paper Published in International Conference on Integrated Intelligence and Communication Systems (ICIICS)
2	Dr. Md. Mohammad Shareef	Measles Detection Using Deep Learning	6 MONTHS	62	62	One paper Published International Conference on Computer & Communication Technologies

Student Achievements

Certifications :

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



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



Google Cloud

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



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



EduSkills
ACADEMY

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

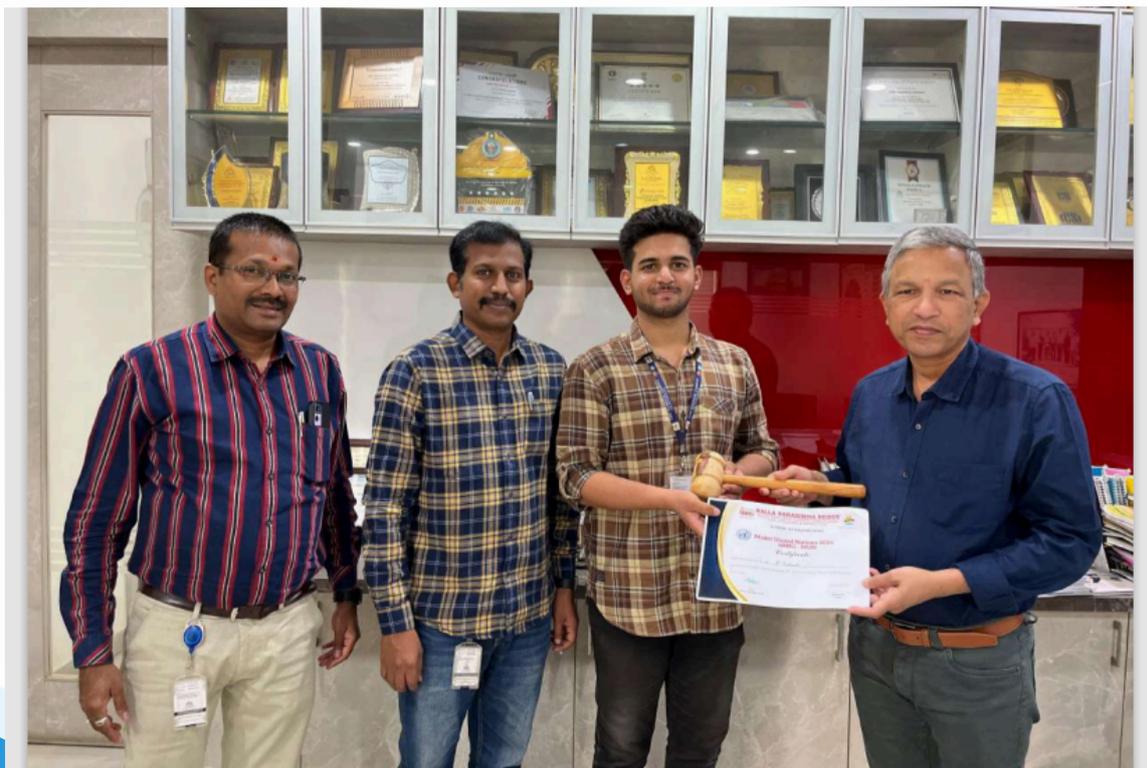
Infosys
Springboard

Student Notable Achievements

Received Best Delegate and special mention in Model for United Nations 2024(NNRG-MUN) organised by Nalla Narshimha Reddy(NNRG) in Hyderabad.



Received Best Delegate and special mention in Model for United Nations 2024(NNRG-MUN) organised by Nalla Narshimha Reddy(NNRG) in Hyderabad.



Won First Prize in Poster Making Competition as part of World Environment Day Celebrations



Winner of Business Simulation Challenge -2024 from Shiv Nadar University, Delhi



Events Organized

National Startups Day Celebrations

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UGC AUTONOMOUS
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi and JNTU Hyderabad
Kandlakoya (V), Medchal Road, Hyderabad, Telangana 501401

DEPARTMENT OF CSE(AI & ML)
IN ASSOCIATION WITH IIC 6.0 ORGANISING

NATIONAL STARTUP DAY CELEBRATIONS
(16th JANUARY 2024)

COMPETITION 1
STARTUP BUSINESS PLAN COMPETITION
Date: 05-01-2024 Team Size: Individual Or 2-3 Members
Business Plan Templates: <https://shorturl.at/uAFLZ>
Registration Link: <https://forms.gle/7AWwn5NELZTcMm9s5>

COMPETITION 2
SHORT CASE STUDY VIDEO COMPETITION ON SUCCESSFUL INDIAN STARTUPS.
Date: 06-01-2024
Duration of Video: 5 minutes (maximum)
Sample Video Link : <https://www.youtube.com/watch?v=AXT6RKCRCuRY>
Registration Link: <https://forms.gle/rHd9yDdJM46AuuM6>

ATTRACTIVE PRIZES FOR WINNERS AND RUNNERS ALONG WITH MERIT CERTIFICATES

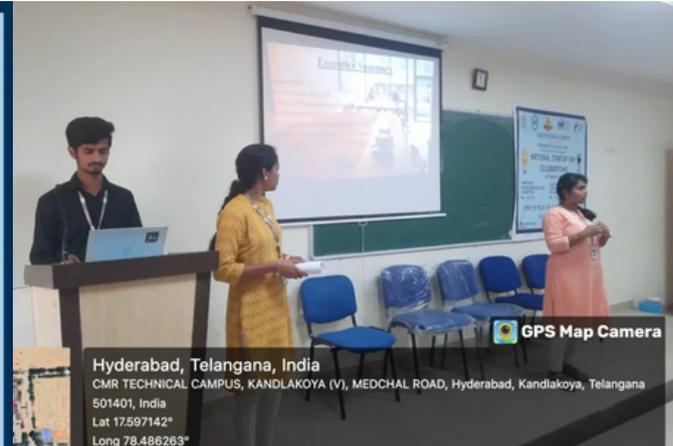
Team Size: 2-3 students | Venue: Class Room No-119, Block-B
Note: *Participation certificate will be given for all the participants.

No Registration Fee

B.Prashanth A. Ramesh Co-ordinator
U. Saritha R. Lavanya Co-Coordinator
Dr.S Rao Chintalapudi HOD of CSE(AI&ML)

Dr.Sudha Arvind Convener
Dr.K.Srujan Raju Vice President
Dr.M.Ahmed Ali Baig President
Dr.A.Raji Reddy Member

www.cmrtechnicalcampus.com



Incubation Centre Visit – A Research Startup Show



A session on Entrepreneurs Journey from Classroom to Boardroom



CMR TECHNICAL CAMPUS



**DEPARTMENT OF CSE(AI&ML)
IN ASSOCIATION WITH IIC 6.0**

Organizing
**A Session on Entrepreneurs Journey
from Class Room to Board Room**

2 pm TO 4 pm 15th Feb 2024

Venue: Room No - 119, B - Block



**Mr. K. Deepak Reddy
Founder
Bhaumya Innovations**

REGISTER NOW



NO REGISTRATION FEE

**Mr. B Prashanth
Mr. A Ramesh**
Co - Ordinators, IIC
CSE(AL&ML)

Dr. K. Srujan Raju
Vice President - IIC,CMRTC

**Mrs. U Saritha
Ms. R Lavanya**
Co - CoOrdinators, IIC
CSE(AL&ML)

Dr. M. Ahmed Ali Baig
President, IIC

Dr. S Rao Chinatalapudi
HOD - CSE(AI&ML)

Dr. Sudha Arvind
Convenor - IIC,CMRTC

Dr. A. Raji Reddy
Director- CMRTC



Hyderabad, Telangana, India
CMR TECHNICAL CAMPUS, KANDLAKOYA (V), MEDCHAL ROAD, HYD
Telangana 501401, India
Lat 17.597039°
Long 78.486105°
15/02/24 02:50 PM GMT +05:30

workshop on Generative AI



CMR TECHNICAL CAMPUS

DEPARTMENT OF CSE(AI&ML)
IN ASSOCIATION WITH AI CLUB
workshop on

GENERATIVE AI

CONTENT



- Difference Between ANI and AGI
- Practical AI applications
- Limitations of Generative AI
- Difference Between Analytical AI and Generative AI
- Designing Effective prompts
- Build Your own Generative AI Model

**Speaker
MR. TRIVIKRAMA**

**PARTICIPATION AND PROJECT
COMPLETION CERTIFICATES WILL
BE GIVEN.**

14-03-2024
TIME: 11AM - 1:30PM **LIMITED ENTRIES**
Mode: online

FACULTY ADVISOR:
Dr. K. Mahesh
Assoc Prof CSE (AI&ML)

REGISTER NOW

CONVENOR:
Dr. S Rao Chintalapudi,
HOD CSE(AI&ML)

[f](#) [t](#) [i](#) [s](#) | @aiclubcmrtc



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CMR TECHNICAL CAMPUS, KANDLAKOYA (V), MEDCHAL ROAD, Hyderabad, Kandlakoya, Telang
501401, India
Lat 17.59711°
Long 78.485999°
14/03/24 11:41 AM GMT +05:30

Incubation Centre Visit – A Research Startup Showcase by Centre for Innovation and Entrepreneurship (CIE) IIIT Hyderabad



CMR TECHNICAL CAMPUS



DEPARTMENT OF CSE(AI&ML)
IN ASSOCIATION WITH IIC 6.0

ORGANIZING

INCUBATION CENTRE VISIT

A Research Startup Showcase by
CENTRE FOR INNOVATION &
ENTREPRENEURSHIP (CIE)

INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY HYDERABAD(IIITH)

17th March 2024



Mode:
Offline

One Day
Visit



Mr. A Ramesh
Faculty Co - Ordinator, IIC
CSE(AL&ML)

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

Dr. Sudha Arvind
Convener - IIC,CMRTC

Dr. K. Srujan Raju
Vice President - IIC,CMRTC

Dr. M. Ahmed Ali Baig
President, IIC

Dr. A. Raji Reddy
Director- CMRTC



Hyderabad, Telangana, India
Actlogica,T-Hub,IIIT-Hyderabad campus, Gachibowli, Hyderabad, Telangana 500032, India
Lat 17.445579°



A Session on How to Plan for Start-up and Legal & Ethical Steps

CMR TECHNICAL CAMPUS
UGC AUTONOMOUS
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE New Delhi and JNTU Hyderabad
Kandlakoya, Medchal Road, Hyderabad, Telangana 501401

DEPARTMENT OF CSE(AI & ML)
IN ASSOCIATION WITH IIC 6.0 ORGANISING

A SESSION ON "HOW TO PLAN FOR START-UP
AND LEGAL & ETHICAL STEPS"
30TH MARCH 2024

Speaker : Dr Gaurav Gupta
Designation: Chief Operating Officer,
AVISHKARAN(Incubation Centre),
BIONEST of NIPER Hyderabad.

Time: 11:20am To 1:20pm
Venue: Class Room No-119, Block-B
Registration link: <https://forms.gle/hWj1zokTYjnwYzDw2>

No Registration Fee

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India
Lat 17.59626°
Long 78.487006°
30/03/24 11:28 AM GMT +05:30



Machine Learning Boot Camp – Project Based Learning



CMR TECHNICAL CAMPUS
DEPARTMENT OF CSE(AI&ML) IN ASSOCIATION WITH AI CLUB

Organising
MACHINE LEARNING BOOTCAMP - PROJECT BASED LEARNING

Dates :12-03-2024 to 16-03-2024
Venue: AI Hub
Eligibility: II,III,IV Years

Contents:

1. Machine Learning Basics
2. Data Preprocessing Techniques
3. Building Machine Learning Model
4. User Interface Design using Tkinter
5. Project: Disease Prediction based on Symptoms

No Registration Fee

Registration Link:
<https://tinyurl.com/mtz9urhs>

Dr. K. Mahesh
Faculty Advisor

Dr. S Rao Chintalapudi
HoD CSE(AI&ML)





Computer Vision Boot Camp Project Based Learning



CMR TECHNICAL CAMPUS
DEPARTMENT OF CSE(AI&ML) IN ASSOCIATION WITH AI CLUB

Organising
COMPUTER VISION BOOT CAMP PROJECT BASED LEARNING

Dates :26-03-2024 to 30-03-2024
Venue: AI Hub
Eligibility: II,III,IV Years

Contents:

1. Computer Vision Basics
2. Opencv, Pillow, Tkinter libraries
3. Image Resizing
4. Converting Color Image into Grayscale image
5. Haar cascade classifiers
6. Use of Pretrained classifiers
7. Project-1: Multiple Face detection using Opencv
8. Project-2: Face Detection from webcam

No Registration Fee

Register here: 

Dr. K. Mahesh
Faculty Advisor

Dr. S Rao Chintalapudi
HoD CSE(AI&ML)




World Environment Day



A Session on Role of Intellectual Property Rights in Protecting Inventions



From the Editorial

Greetings to all,

The department is cheerful to present the Sixth 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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