DEPARTMENT OF CSE (AI & ML)

News Letter A.Y 2021-22

CMR TECHNICAL CAMPUS
UGC AUTONOMUS
Kandlakoya (v), Medchal Road, Hyderabad-501401
Permanently Affiliated to JNUH, Accredited by NBA,
Approved by AICTE, New Delhi, NAAC-A, Nirf

Message form Chairman's Desk

Shri 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. 20years 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.

I extend a warm welcome to Engineering and Management aspirants to join CMR Technical Campus.

About Director
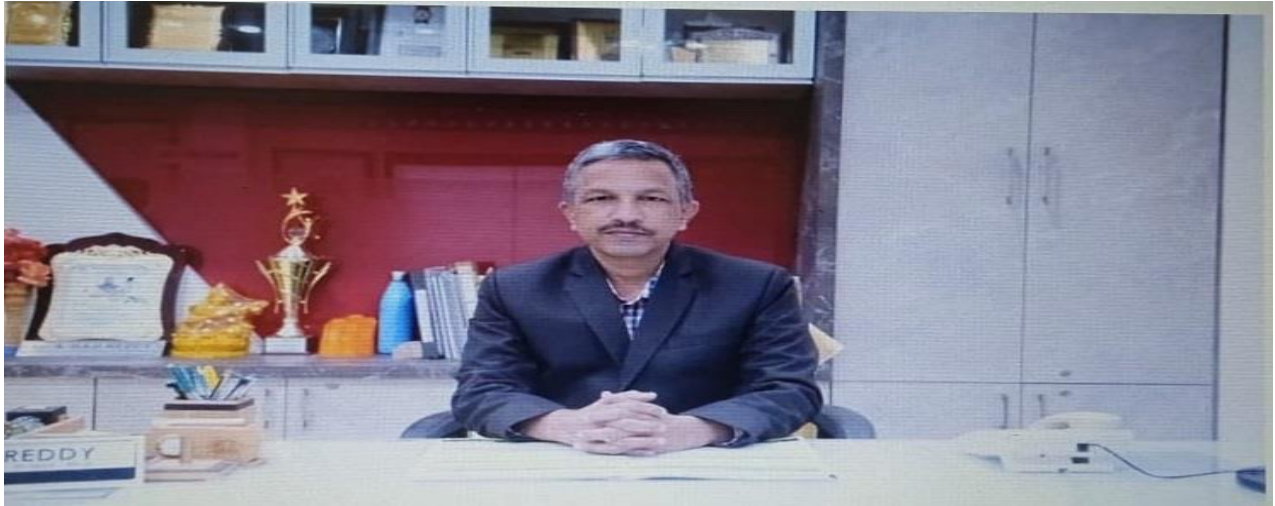
Dr. A. Raji Reddy
Professor & Director

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 Ley Land 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 Lakh as 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 an avenue 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. M. Ahmed Ali Baig

Professor & Dean Academics

Dr. M. Ahmed Ali Baig has obtained **Bachelor of Engineering [B.E] in Mechanical Engineering** and Master of Technology **[M. Tech] in Energy Systems Engineering**, from B.V.B College of Engineering & Technology, Visvesvaraya Technological University (VTU), Belgaum, Karnataka; **Ph.D.** degree from Jawaharlal Nehru Technological University, Hyderabad **[JNTUH]**, in the **year 2014**.

He has published over 100 papers in International/National Journals/Conferences and attended more than 30 Workshops/FDP's in various institutions across the country. He has 12 patents filed to his credit. He is carrying out a research Project as Co-Investigator which is granted by DST, Govt. of India. Dr. Baig is on Editorial/ Reviewer Board for various Journals/ Conferences of repute. He received **"Outstanding Contribution in Reviewing"** award from Editors of Applied Thermal Engineering Journal, Elsevier. His research interests include Energy Systems, Fluid Mechanics, Sudden Expansion Flows, Non-Conventional Energy Sources, Heat Transfer through Porous Media and 3D Printing. He is member of Professional/ International bodies like ISTE, SSWR, SESI, NSFMFP and few others. Mentored a team, which participated consecutively two times in National Convention of **AICTE-Chhatra Vishwakarma Awards** held at AICTE HQ, New Delhi.

Dean (Academics) plays an important role in framing of Academic Regulations, Syllabus, Academic Calendar and effective conduct of class work in coordination with Head of Departments and Department Academic coordinators.

About Dean (R & D)

Dr.Ashuthosh Saxena
Professor & Dean (R & D)

Dr. Ashutosh Saxena is an industry expert and academician with over two decades of experience, 100+ international publications, 30+ filed Patentsout of which 26 are US Granted Patents, and a book on PKI: Concept, Design and Deployment (Tata McGraw Hill 2004) to his credit. His research interest is in the areas of Information Security and Privacy. He worked at IUC-DAE facilities at Indore, IDRBT Hyderabad and supervised two PhD Scholars. He served as Adjunct Faculty at NIT Warangal. He Joined Infosys in June 2006 and worked as Principal Research Scientist & AVP, at Infosys Labs, Hyderabad (till Sep. 2016). He is Five times winner of the Infosys Excellence Award. In 2014 he received Award for maximum publishing in CSI-Communication from Computer Society of India. He earned a Master of Science (1990), Master of Technology (1992), and a Doctorate (PhD) in computer science (1999) from DAVV, Indore, and has qualified CSIR-UGC examination. He also received the BOYSCAST Post- Doctoral Fellowship (2001 – 2002) from Ministry of Science and Technology, Government of India, to conduct research at Information Security Research Centre, Queensland Universityof Technology, Australia. He is Life Member of Computer Society of India, Life Member of Cryptology Research Society of India and Senior Member of IEEE Computer Society.

Dean (R&D) plays an active role in framing guidelines for R& D policies like IPR policy, Consultancy policy, Publication Reward policy and their execution. He also guides faculty and students in preparing Project Proposals, Patents, Establishment of Start Ups and Incubation Center. He is assisted by R&D coordinators, one from each department.

About Dean Training & Placement

Dr. K. Srujan Raju
Professor & Dean of Training and Placement

Dr K Srujan Raju is currently working as Dean Training and Placement and Heading Department of Computer Science & Engineering at CMR Technical Campus. He obtained his Doctorate in Computer Science in the area of Network Security. He has more than **20 years** of experience in academics and research. His research interest areas include Computer Networks, Information Security, Data Mining, Cognitive Radio Networks, and Image Processing. Dr. Srujan Raju worked on 2 projects funded by Government of India under CSRI & NSTMIS has also filed **12 patents. 1 copyright** and **1 Patent** granted at **Indian Patent Office**, edited more than 24 books published by Springer Book Proceedings of AISC series, LAIS series and other which are indexed by Scopus also authored books in C Programming & Data Structure. I am immensely delighted to inform everyone CSE department of our college has doing great in all aspects and the results were quite encouraging. We all certainly know that this is the collective effort of all of us. Let all of us be the strong pillars of the is institute in taking it further great heights and make every student comeout in flying colors, In future as well as, we shall strive to bring new dawn in the student's lives. Finally, I thank and congratulate all the stakeholders for achieving success.

About the Department - CSE (AI&ML)

CSE (Artificial Intelligence & Machine Learning) is one of the top performing departments of the Institute and the most sought over branch by the students. This program is designed to provide students with the fundamentals of computer science along with emerging courses like Artificial Intelligence, Machine Learning and Deep learning. AI &ML students will learn about basic engineering techniques, which include Engineering Mathematics, Physics, Chemistry, Engineering Graphics and Programming for Problem Solving (C language) during First Year. In the second year, they are exposed to core computer science courses like data structures, Databases, Algorithms, Operating systems, Java, Python. In the third and final year, they will start learning emerging courses like Artificial Intelligence, Machine Learning, Soft computing, Natural Language processing, Deep Learning, Computer Vision, Cloud computing, Data Science, Social Network Analysis, NoSQL Data bases along with computer science courses. The Department adopted Outcome-Based Education (OBE) and has an adequate infrastructure with state-of-the-art laboratories and other supporting facilities to provide enhanced learning environment. The Department attracts the best of engineering aspirants from all over the country.

Milestones

- B.Tech CSE (AI & ML) started in 2020 with the intake of 180 seats.
- B.Tech AI&ML started in 2021 with the intake of 60 seats
- Received 32 lakhs fund from Department of Science & Technology(DST), Govt. of India.
- MoU with Artificial Intelligence Medical and Engineering Researchers Society
- Centre of Excellence on AI & ML by Orbit Shifters
- Dedicated state of the art laboratories
- Digitally Equipped classrooms
- Well qualified and trained faculty in emerging areas.

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 Bhubaneshwar, 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 member of several professional bodies like IEEE, ACM, CSI, IAENG and so on. He was 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 Elite Academician award from AICTE, DST and Texas Instruments.

Vision of the Department

To develop competent and socially responsible engineers in the domain of Artificial Intelligence & Machine Learning for noteworthy contributions to the society.

Mission of the Department

- To educate the students in fundamental principles of computing and develop the skills needed to solve practical problems using contemporary computer-based technologies.

- To provide State-of-the-art computing laboratory facilities to promote industry-institute interaction to enhance student's practical knowledge.

- To Inculcate self-learning abilities, team spirit, and professional ethics among the students to serve society.

Program Educational Objectives (PEOs)

Sl. No.	Program Educational Objectives (PEOs)
PEO-01	Graduates will have the ability to Analyse, Develop and Apply Innovative ideas to solve real-world problems using Artificial Intelligence and Machine Learning techniques.
PEO-02	To pursue higher studies, Graduates will have the ability to contribute novel and scientific research-oriented methods in the Artificial Intelligence and Machine Learning area.
PEO-03	Practice the profession with ethics and make them responsible citizens to promote Industrial progress growth and societal transformation.

Program Outcomes (POs)

Sl. No.	Program Outcomes(POs)
PO-01	**Engineering Knowledge:** Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO-02	**Problem Analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences, and Engineering Sciences.
PO-03	**Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified

	needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-04	**Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-05	**Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO-06	**The Engineer and 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-07	**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-08	**Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
PO-09	**Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO-10	**Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO-11	**Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO-12	**Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

Sl. No.	Program Specific Outcomes(PSOs)
PSO-01	Apply the fundamental knowledge for problem analysis and conduct investigations in computer science engineering for sustainable development.
PSO-02	Design and development of solutions by using modern software for the purpose of execution of the projects in specialized areas.
PSO-03	Inculcate effective communication and ethics for lifelong learning with social awareness

Faculty Details

Sl. No.	Emp. Id.	JNTU Reg. Id.	Name of Faculty	Designation	Highest Qualification
1	2161	6786-210812-154233	Dr. S Rao Chintalapudi	Professor & HOD	Ph.D
2	2151	9355-210503-092839	Dr. G Vinoda Reddy	Professor	Ph.D
3	2110	01150402-162427	Dr. K. Mahesh	Assoc. Prof.	Ph.D
4	2128	1195-160303-231436	Rafath Samrin	Assoc. Prof.	M.Tech
5	2152	5010-210410-123650	K. Vijaya Raghavan	Asst. Prof	M.Tech
6	2143	7828-210304-111918	T. Deepika Roy	Asst. Prof	M.Tech
7	2130	1831-161216-113151	SK. Sharif	Asst. Prof	M.Tech
8	2139	3043-160224-115827	G. Parvathidevi	Asst. Prof	M.Tech
9	2159	9725-210407-100721	M. Ravindran	Asst. Prof	M.Tech
10	2156	3764-210401-110903	Syeda Sumaiya Afreen	Asst. Prof	M.Tech
11	2167	0445-211115-122915	KRM Nagendra Kumar	Asst. Prof	M.Tech
12	2168	6515-50404-51345	V. Ravinder Naik	Asst. Prof	M.Tech

Board of Studies (BoS)

Sl. No.	Name	Designation	Role
1	Dr. A. Raji Reddy	Director, CMR Technical Campus director@cmrtc.ac.in	Special Invitee
2	Dr. S Rao Chintalpudi	Professor & Head, Dept. of CSE(AI&ML), CMR Technical Campus, Hyderabad. hod.aiml@cmrtc.ac.in	Chairman
3	Dr. B. Sateesh Kumar	Professor of CSE, JNTUH College of Engineering, Jagtial. sateeshbkumar@jntuh.ac.in	University Nominated Member
4	Dr. P. Radha Krishna	Professor of CSE, NIT Warangal, prkrishna@nitw.ac.in	Subject Expert
5	Dr. K. Srujan Raju	Professor & Head, Dept. of CSE, CMR Technical Campus,	Subject Expert

Sl. No.	Name	Designation	Role
		Hyderabad. hod.cse@cmrtc.ac.in	
6	Dr. K. Srinivas	Professor & Head Dept. of DS, CMR Technical Campus, Hyderabad. hod.ds@cmrtc.ac.in	Subject Expert
7	Dr. B. Kavitha Rani	Professor & Head, Dept. of IT, CMR Technical Campus, Hyderabad. hod.it@cmrtc.ac.in	Subject Expert
8	Mr. K. Raja Sekhar	DDG, State Information Officer, Telangana & HOG Center for Data Governance, NIC, MeitY, Govt. of India sekhar@nic.in	Industry Representative
9	Mr. K.V.N Dattu (107R1A0525)	Application Development, Senior Analyst, Accenture, Hyderabad. kvn.dattu@gmail.com	Alumnus
10	Dr. M. Ahmed Ali Baig	Professor & Dean Academics,CMR Technical Campus dean.academics@cmrtc.ac.in	Special Invitee

Laboratories

Sl. No.	Room No.	Name of the Lab	Lab Incharge
1	120D	Data Structures Lab (III Sem) Operating Systems Lab (IV Sem)	Mr. M. Ravindran
2	120E	Java Lab (III Sem)	Mr. K. R. M Nagendra Kumar
3	120F	Python Lab (III Sem) Database Management Systems Lab (IV Sem)	Ms. T. L. Deepika Roy

CSE (AI&ML) fully equipped labs
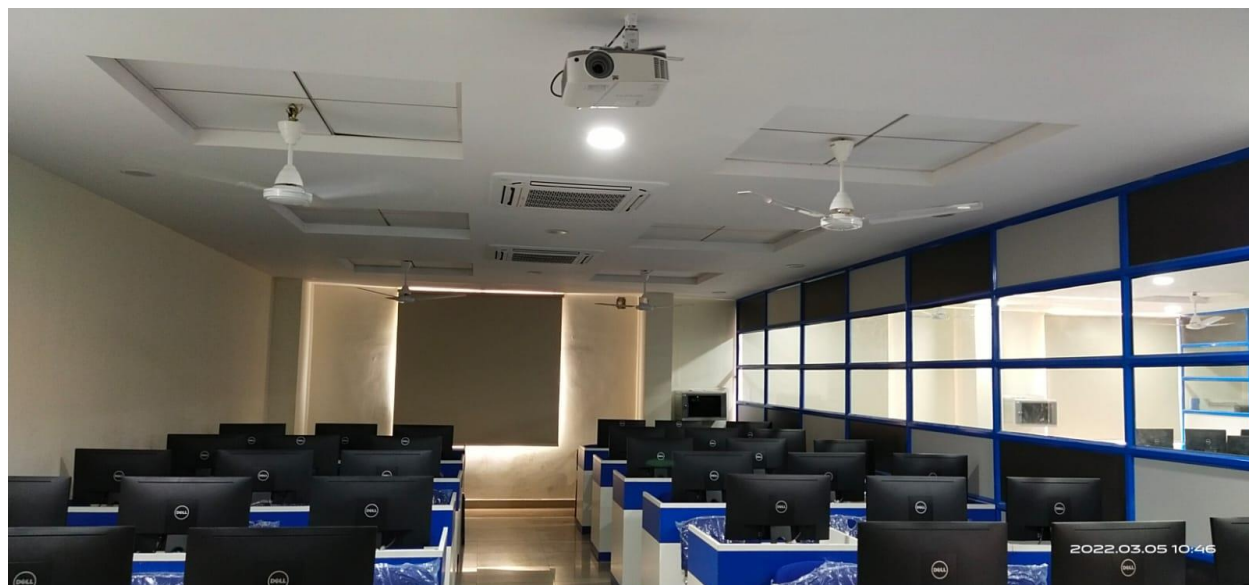
Workshops/FDPs Organized

Sl. No.	Workshop/FDP/Webinar Title	Date	Duration	Resource Person & Organization Name	Coordinator
1	Session on Role of IPR in Creativity and Innovation	17-11-2021	1 Day	Mr. B. Rajesh Kumar, IIC & EDC Coordinator, Pragati Engineering College (Autonomous)	Mrs. Rafath Samrin
2	Session on My Story- Motivational Story by Successful Innovators	20-11-2021	1 Day	Mr. Durga Prasad Veldurthy, CMRTC Alumnus, Founder and CEO, Durga Prasad Engineering Pvt Ltd, Dorven Retail Pvt Ltd.	Mrs. Rafath Samrin
3	Session on Introduction to Big Data and AIML	1-12-2021	1 Day	Mr. Sharat Chandra, Data Scientist and Director, Innodatics Inc. USA and 360DigiTMG.	Dr. G. Vinoda Reddy

4	TECHGENIX 2K22	4-01-2022	1 Day	Technical Seminars by Students	Mrs. T. L. Deepika Roy
5	Session on Engage in Entrepreneurship through Innovation	18-02-2022	1 Day	Mr. Satya Sidhartha Panda, Digital Coach, Certified Life Skills Trainer,Training Head-Digital Marketing UTTR-India	Ms. Syeda Sumaiya Afreen
6	Faculty awareness session on Outcome Based Education	26-02-2022	1 Day	Dr. G, Naresh, Professor of EEE & Vice Principal, Pragati Engineering College(Autonomous)	Dr. K. Mahesh

Faculty Publications
(Publications A.Y. 2021-22)

Sl. No	Name of the Authors	Title of the Paper	Name of the Journal	Volume No. & Issue No.	Page Numbers	Month & Year of Publication
1	Lakshmi VivekaKesanpalli,**S Rao Chintalapudi**	A Survey on Machine Learnig Applications in Health Care	Advances and Applications in Mathematical Sciences	Vol. 20, Issue. 11	2819-2824	September, 2021
2	M.V. Rajesh,**S Rao Chintalapudi**	A Review on Applications of Machine Learning in E-Commerce	Advances and Applications in Mathematical Sciences	Vol. 20, Issue. 11	2831-2841	September, 2021
3	**S Rao Chintalapudi**, Chandra SekharKoppireddy, Vijaya Kumar Gubbala	A Machine Learning Approach for Crop Yield Prediction in Agriculture	Advances and Applications in Mathematical Sciences	Vol. 20, Issue. 11	2803-2810	September, 2021

4	**G. Vinoda Reddy**, P. Jesu Jayarinb, K. Nandhinic, G. Sheebad, G. Dhanalakshmi	A call reservation scheme for channel allocationusing predication approach (CAPA) in wireless networks	International Journal of Nonlinear and Analysis and Applications	vol-3,Issue. 1	1253-1267	June,2 021
5	V.Vaishnavi, K.Pradeep Kumar ,B. Rajinikanth, **G.ParvathiDevi**, B. Ramji	Rise Grain Quality Detection	International Journal for Research in Applied Science and Engineering Technology	Vol-9,Issue 6	2321-9653	June,2 021
6	**T.L.Deepika Roy**,VenubabuRach apudi , M.Sitha Ram, P.dileep	Traffic Sign Classification Using Convolutional Neural Network	Turkish Journal of Phisiotherap y and rehabitation	Vol.32 Issue. 2	2651-2659	2021
7	**T. L. Deepika Roy**, Dr.SuwarnaGothane, P.Deepa, K.MadhaviLatha, Ch.Shirisha, SumaiyaRali	Road Accident Analysis using Linear Regression	International Journal of Creative Reseach Thoughts	Vol . 9, Issue. 6	2320-2326	June,2 021
8	**Mahesh.K**, Abdul Rasool, Dr.bagamlaxmaiah	A Novel Approach for secure Anti-Collision of data sharing Scheme for Dynamic Cloud Group	Design engineering	Vol. 2021,Issue .8	5911-5918	2021
9	Krishnaiah.Nallam, Dr.B.Laxmaiah,**K.M ahesh**,BodlaKishor, Alibha Patel	Efficient COVID Prediction based on hybrid classification in data mining	design engineering	Vol. 2021, Issue. 7	12957-12965	2021
10	**Mahesh.K** ,Suwarnagothane,Aa ashishThoshaniwal,Vi naynagarale,Harishg opu	cyber bullying detection on social media using machine learning	international jounal of scientific search in computer science,engi neering and information technology	Vol.7, Issue. 3	410-416	June 2021
11	Vineeth, Pradeep, ViswaTeja,**KothaM ahesh**,	Characterizing And Predicting Early Reviewers For Effective	The International journal of	Vol. 13, Issue.4	1256-1266	June 2021

		Product Marketing Ecommerce Website	analytical and experimental model analysis			

Professional Body Memberships

Sl. No.	Name of the Faculty	Designation	Professional Body Memberships
1	Dr. S Rao Chintalapudi	Professor & HoD	CSI, ISTE
2	Dr. G. Vinoda Reddy	Professor	ISTE
3	Mrs. Rafath Samrin	Associate Professor	ISTE
4	Dr. K. Mahesh	Assistant Professor	ISTE
5	Mrs. T. L. Deepika Roy	Assistant Professor	ISTE
6	Sk. Sharif	Assistant Professor	ISTE

MOOCS Courses: (NPTEL/Coursera)

Faculty

Sl. No.	Name of Faculty	Platform	Course Title
1	Dr. S Rao Chintalapudi	NPTEL	Big Data Computing
2	Dr. G Vinoda Reddy	NPTEL	Big Data Computing
			Data Science
3	Dr. K. Mahesh	NPTEL	Big data computing
			Real time systems
		Coursera	Introduction to AWS Identity & Access Management
4	SK. Sharif	NPTEL	Big data computing
5	M. Ravindran	NPTEL	A Joy of Computing With Python
6	Syeda Sumaiya Afreen	NPTEL	Big Data Computing

Students

Sl. No.	Name of Student	Platform	Course Title
1	Niharika Beemagoni	Coursera	Programming Fundamental
2	Guggila Sandeep	Coursera	Introduction to Artificial Intelligence(AI)
3	Ganga Baddam	Coursera	Introduction to Artificial Intelligence(AI)
4	Shreya Chitikesi	Coursera	Programming for

			Everybody(Getting started with Python)
5	M Madhu sudhan Reddy	Coursera	Introduction to Artificial Intelligence(AI)
6	E Dhanya Sree	Coursera	Getting started with AI using IBM watson
7	Gatla Saikiran	Coursera	Introduction to Artificial Intelligence(AI)
8	Swapnil gupta chintala	Coursera	Programming for Everybody(Getting started with Python)

Faculty Achievements

Sl. No.	Name of Faculty	Achievements
1	Dr. K Mahesh	Awarded Doctorate in Computer Science and Engineering in year Feb. 2022 form JJTU Jhunjhunu, Rajasthan
2	Dr. S Rao Chintalapudi	Nominated as Board of Studies (BoS) member of JNTU Kakinada for Emerging courses B.Tech CSE (AI &ML, AI, DS,AI&DS) and B.Tech CSD for three Academic Years 2021-22,2022-23,2023-24.
3	Dr. S Rao Chintalapudi	Nominated as Board of Studies (BoS) member of B V C Engineering College (Autonomous), Odalarevu for B.Tech CSE (AI &ML) in December 2021.
3	Dr. S Rao Chintalapudi	Secured Topper certificate from NPTEL for the course Big Data Computing in October 2021.

Research Grants

Sl. No.	Project Title	Grant from	Amount	Principal Investigator
1	"Creating awareness on Emerging Technologies-Robotics, 3D Printing, Internet of Things IoT for School Children A Special focus on Medchal-Malkajgiri District of Telangana State."	DST-NCSTC	32,99,338/- INR	Dr. S Rao Chintalapudi

MoUs

Sl.No.	Company/Industry	Year	Activities under MoU
1	Artificial Intelligence Medical and Engineering Researchers Society	2021	For Research Activities

MoU with AIMERS

Student Internships

Sl. No.	Roll No.	Name of Student	Name of the Industry/Research Lab	Duration
1	207R1A6601	Adabala Hima Dharani	Exposys Data Labs	21.12.2021 to 20.1.2022
2	207R1A6627	Laasya Kesanapalli	Exposys Data Labs	24.12.2021 to 23.01.2022
3	207R1A6614	Shreya Chitikesi	Exposys Data Labs	21.12.2021 to 20.1.2022
4	207R1A66H0	R. Vishnu Vardhan Reddy	Verzeo	01.02.2021 to 31.03.2021
5	207R1A66C8	Bachu Nandini	Orbit Shifters	13.12.2020 to 30.11.2021
6	207R1A66G5	Shreshta Reddy	Orbit Shifters	11.06.2021 to 30.09.2021
7	207R1A66H2	SingarajuNavya	Orbit Shifters	13.12.2020 to 30.09.2021
8	207R1A66F0	Kammari Sai Yugandhar	Orbit Shifters	11.06.2021 to 30.09.2021

9	207R1A6686	Gundla Akhil Reddy	Orbit Shifters	11.06.2021 to 30.09.2021
10	207R1A66A6	P. Pavan Kumar	Exposys Data Labs	21.12.2021 to 20.1.2022
11	207R1A6610	Mani Krishna SameeraChallapalli	Exposys Data Labs	21.12.2021 to 20.1.2022

Students Achievements

Sl. No	Name of Student	Achievements
1	Mr. Ragvendra Satwik	Selected in Under 19 Hyderabad Cricket Team
2	Mr. Anumula Praveen	Selected for All India University Cross Country, Represented JNTU-H university
3	**Team Techno Crew** (K. Roshini, C. Spandana, K. SaiYugandhar, M. Kailash, R. Vishnu Vardhan Reddy, K. Shiva Charan Reddy)	Topic- **Automatic Number Plate Recognition by using existing General Surveillance Cameras** Selected for grand finale in SIH 2022
	Team Profiled Jarvis (P. Shreshta, S. Navya, M. Sahith, T. Koushik, G. Abhiprakash, I. Rahul)	Topic- **AI based interactive Robot for Elderly Care** Selected for grand finale in SIH 2022
4	E. Danyasree	Winner in Technical Quiz **Azura2k22** organized by CMRCET, Hyderabad

Mr. Ragvendra Satwik - Selected in **Under 19 Hyderabad Cricket Team**

Mr. Anumula Praveen- Selected for **All India University Cross Country,**

Represented JNTU-H university.

Team Techno Crew & Team Profiled Jarvis - Selected for grand finale in **SIH 2022**

E. Danyasree - Winner in Technical Quiz **Azura2k22** organized by CMRCET, Hyderabad

NCC Activities

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
NCC Raising Day	2(T) AIR SQN (TECH) NCC	Grant of NCC troop	07-02-2021	10
Statue cleaning Program	2(T) AIR SQN (TECH) NCC	Mahatma Gandhi	02-10-2021	10
Pariksha pe Charcha	2(T) AIR SQN (TECH) NCC	By Prime Minister of India (Online program)	07-04-2021	10
Volunteer Cadets For exercise NCC yogdhan	2(T) AIR SQN (TECH) NCC	Digital Forum	21-Nov	10
Digital Forum Registration	2(T) AIR SQN (TECH) NCC	Platform for cadets to share their experiences	13-04-2021	10
2020_Covid_19_training for NCC cadets	2(T) AIR SQN (TECH) NCC	Diksha App	19-05-2021 to 21-05-2021	10
International Yoga Day	2(T) AIR SQN (TECH) NCC	participated in Yoga Day Competition and jingle bell compition	21-06-2021	10
Integrate & Encourage Yoga through Life	2(T) AIR SQN (TECH) NCC	Digital Forum	18-06-2021	10
Quiz Competition on Yoga Day	2(T) AIR SQN (TECH) NCC	Digital Forum	21-06-2021	10
Kargil Vijay Diwas	2(T) AIR SQN (TECH) NCC	Cleaning of Statues of War Heros in Kandkakoya	16-12-2021	10
Greeting Card Competition	2(T) AIR SQN (TECH) NCC	On behalf of 75th Independence day	15-08-2021	10
Rashtriya Gana IN	2(T) AIR SQN (TECH) NCC	Digital Forum	23-09-2021	10
Video Blog Competition	2(T) AIR SQN (TECH) NCC	Quit India Movement	17-08-2021	10
Statue cleaning Program	2(T) AIR SQN (TECH) NCC	Celebration of 75 years of Independence	12-03-2021	10
Flag Hoisting Ceremony	2(T) AIR SQN (TECH) NCC	75th INDEPENDENCE DAY	15-08-2021	10
Fit India Freedom Run	2(T) AIR SQN (TECH)	Digital Forum	05-10-	10

	NCC			2021	
IGC-RDC (2021-22)	2(T) AIR SQN (TECH) NCC	Republic Day Camp contingent Selection (RDC CAMP)	11-09-2021	10
Anti Plastics Plog Run 2021	2(T) AIR SQN (TECH) NCC	Plog run for awareness of Freedom Struggle of Sahid Bhagat singh	28-09-2021	10
Clean India Campaign	2(T) AIR SQN (TECH) NCC	Banner March and Swachha awareness Campaign	21-11-2021	10
Ek Bharat Sreshtha Bharath Quiz	2(T) AIR SQN (TECH) NCC	Digital Forum	30-10-2021	10
Felicitation Ceremony (Ravindhra Bharathi)	2(T) AIR SQN (TECH) NCC	Felicitation Ceremony 1971 INDO-PAK War Heros	31-10-2021	10
Ganga Utsav (Ganga Cleaning)	2(T) AIR SQN (TECH) NCC	Celebrated in aim to strengthen public river connection	05-11-2021	10
Homage to all Brave Hearts	2(T) AIR SQN (TECH) NCC	Condolence to the great Indian army Officer CDS General Bipin Rawat	09-12-2021	10
Orphanage visit	2(T) AIR SQN (TECH) NCC	Visited Orphanage located at GOWDAVELLI	10-12-2021	10
Orientation Program for newly recruited NCC cadets	2(T) AIR SQN (TECH) NCC	Orientation for the 2022 Newly Recruited NCC Cadets	10-12-2021	10
Volunteer for free Vaccination Camp	2(T) AIR SQN (TECH) NCC	CMR Hospital , Kandlakoya	29-12-2021	10

Our students got first prize in NCC camp(PRE-RDC camp)

NSS Activities

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
Orientation Day	CMRTC NSS UNIT	NSS	June,2021	198
Environmental Day	CMRTC NSS UNIT	NSS	June,2021	125
World Day Against Child Labour	CMRTC NSS UNIT	NSS	June,2021	188
Yoga Day	CMRTC NSS UNIT	NSS	June,2021	165
Haritha Haram	CMRTC NSS UNIT	NSS	July,2021	150
Mask Distribution	CMRTC NSS UNIT	NSS	July,2021	100
Carona Awareness	CMRTC NSS UNIT	NSS	November,2021	100
Swachh Bharath	CMRTC NSS UNIT	NSS	November,2021	180
Covid-19 Vaccination Drive	CMRTC NSS UNIT	NSS	December,2021	170

Our NSS students donating blood in Blood Donation Camp organized by NSS

From the Editorial…

Greetings to all! ,

The department is cheerful to present the first 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