



News Letter A.Y 2023-24



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

**Department
of
IT**

News Letter

Message from 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. He received "**Acharya Ratna**" Award from Indian Servers in the year 2019.

About Dean Administration



Dr. M. Ahmed Ali Baig

Professor & Dean Administration

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, NSFMP 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. Ashutosh 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 Patents out 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 University of 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 Academics



Dr. D T V Dharmajee Rao
Professor of CSE & Dean Academics

Dr. D.T.V. Dharamajee Rao is currently working as Professor in the Department of Computer Science and Engineering 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 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 entire campus ICT Networking process for several years in previous organization.

He 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).

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 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 come out 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 - IT

Information Technology 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, both hardware, and software, and the application of Engineering concepts, Techniques, and Methods to both computer systems Engineering and Software system design. Computer science and engineering students will learn about basic engineering techniques, which include Engineering Mathematics, Physics, Chemistry, and Engineering drawing during First Year. From the second year onward they are exposed to core computer science subjects like programming, data structures, Digital logic, Theoretical computer science, Algorithms, Computer networks, Operating systems, Web technologies, Databases and Computer Architecture are few to mention.

The department proudly boasts the presence of its Alumni in many reputed Companies like SAP, WIPRO, INFOSYS, etc. with package varying from 8 to 15 Lakhs per Annum. Not only Alumni, the current students have also let the head of Department high by wining many competitions across the country like Hackathons, Codethons, Poster presentations, Paper presentations and many more. The department has even mentored the students to the stage of 'APP Developers' through 'Patent filers'.

About Head of the Department



Dr. B Kavitha Rani

Professor & HOD

Kavitha Rani Balmuri completed her M.Tech in Computer Science and Engineering from JNTUH University, Hyderabad in 2009 and PhD in Computer Science and Engineering from JNTUK University, Kakinada, Andhrapradesh, India, in the year 2015.. She has authored three Books, published 42 international journal and conference papers. She is a member of many professional bodies. Her research interests include natural language processing, information retrieval, deep learning and artificial intelligence.

Vision of the Department

To produce technically proficient and skilled graduates in information technology and to prepare them to meet the needs of industry and society in a holistic learning environment

Mission of the Department

- To prepare students with the essential knowledge and contemporary abilities for solving emerging technological problems.
- To train the students on cutting – edge computing facilities with industry interaction to enhance in practical exposure to real world situations.
- To enhance the leadership qualities and team spirit with social values to serve the society.

Program Educational Objectives (PEOs)

Sl. No.	Program Educational Objectives (PEOs)
PEO-01	Acquire comprehensive understanding of emerging technologies to succeed in lifelong learning
PEO-02	Use design and develop concepts in construction of software systems .
PEO-03	To implement learned technical skills and knowledge for the benefit of society

Program Outcomes (POs)

Sl. No.	Program Outcomes(POs)
PO-01	Engineering Knowledge: An ability to apply knowledge of Science, Mathematics, Engineering & Computing fundamentals for the solutions of Complex Engineering problems.
PO-02	Problem Analysis: An ability to identify, formulate and analyze complex engineering problems using first principles of mathematics and engineering sciences.
PO-03	Design/development of solutions: An ability to design solutions to complex process to meet desired needs.
PO-04	Conduct Investigations of complex problems: An ability to use research-based knowledge and methods including design of experiments to provide valid conclusions.
PO-05	Modern tool usage: An ability to use appropriate techniques, skills and tools necessary for computing practice.






PO-06	The engineer and society: An ability to apply to reason informed by the contextual knowledge to assess social issues & responsibilities relevant to the professional engineering practice.
PO-07	Environment and sustainability: An ability to understand the impact of engineering solutions in a global, economic, environmental, and societal context with sustainability.
PO-08	Ethics: An understanding of professional, ethical, social issues and responsibilities.
PO-09	Individual and team work: An ability to function as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
PO-10	Communication: An ability to communicate effectively on complex engineering activities within the engineering community.
PO-11	Project management and finance: An ability to Demonstrate and understanding of the engineering and management principles as a member and leader in a team.
PO-12	Life-long learning: An ability to engage in independent and lifelong learning in the context of technological change

Program Specific Outcomes (PSOs)





Sl. No.	Program Specific Outcomes(PSOs)
PSO-01	Apply basic knowledge to analyze multi disciplinary problems for performing investigations in long-term progress.
PSO-02	Analyze, design and develop various models by using modern tools for the purpose of deploying the projects in solving real time problems.
PSO-03	Enhance technical and communication skills with societal ethics for lifelong learning

Faculty Details

The department has qualified and well-experienced faculty with Post Graduate and Doctoral Degree in the field of Computer Science and Engineering and Information Technology. Faculty members are actively involved in research Activities in the fields of their specialization. They have published a good number of research papers in International / National Journals and Conferences.

S.	Emp ID	JNTU Registration ID	Name of the Faculty	Designation	Highest Qualification	Photo
1	2071	9807-150412-180800	Dr. B. Kavitha Rani	Professor & HOD	Ph.D.	
2	2160	3947-150501-121041	Dr. V Malsoru	Assoc. Prof.	Ph.D.	
3	2229	2254-150408-124807	Vamshi Krishna	Asst. Prof.	M.Tech, Ph.D	
4	8030	5983-170103-122450	M. Siva Jyothi	Asst. Prof.	M.Tech	
5	2094	7104-160223-140452	G. Menaka	Asst. Prof.	M.Tech	

6	2224	9873-161119-153504	Rajesh	Asst. Prof	M.Tech	
7	2141	93150404-172143	G. Divya	Asst. Prof.	M.Tech	
8	2172	1435-150408-162555	Md. Sajid Pasha	Asst. Prof	M.Tech,Ph.D	
9	2185	7340-110217-125950	Y. Sathyam	Asst. Prof	M.Tech,Ph.D	
10	2182	4057-201107-135101	Ch. Ramesh	Asst. Prof	M.Tech,Ph.D	
11	2164	2279-160105-124951	K. Srinu	Asst. Prof	M.Tech	
12	2165	8691-160311-163614	K. Chandrakala	Asst. Prof	M.Tech	
13	2171	4745-160217-155421	V. Sri Suma	Asst. Prof	M.Tech,Ph.D	
14	2126	5127-200306-115450	Arfa Mahvish	Asst. Prof	M.Tech	
15	2205	6292-150414-142918	Ravi Regulagadda	Asst. Prof	M.Tech,Ph.D	
16	2200	7511-161128-145335	Mahesh Babu	Asst. Prof	M.Tech	
17	2228	4523-230323-094357	Dr.L.V.Ramesh	Assoc.Prof	Ph.D	

18	2242	15622306-16135553	M Srilekha	Asst Prof	M Tech	
19	2240	7182-150504-175157	B Aditya	Asst Prof	M Tech	
20	2254	1653-160529-211411	M Ramesh Babu	Asst Prof	M Tech	
21	2275	9496-150415-121645	K Supriya Suhasini	Asst. Prof	M.Tech	

NON-TEACHING STAFF

S.NO	NAME	DESIGNATION
1	Mrs. Anjali	Programmer, IT Dept
2	Mrs Javvadi Shruti	Programmer, IT Dept

Board of Studies (BoS)

S. No	Name	Designation	Role
1	Dr. A. Raji Reddy	Director, CMR Technical Campus director@cmrtc.ac.in Ph: 9248727220	Special Invitee
2	Dr. B. Kavitha Rani	Professor & Head, Dept. of IT, CMR Technical Campus, Hyderabad. hod.it@cmrtc.ac.in Ph: 9963302414	Chairman
3	Dr. V. Kamakshi Prasad	Senior Professor & Principal, University College of Engineering, Jagitial.	University Nominated Member
4	Sri C. Abhinav Reddy	Vice Chairman	Special Invitee
5	Mr. Bala Prasad Peddigari	Chief Innovation Officer, CMT Unit, TCS Limited	Industry Representative
6	Dr. Shiva Skandha Sanagala	Associate Professor, HOD of CSE, CMRCET, Hyd	Subject Expert
7.	DR. D.V.T Dharmajee Rao	Professor & Dean Academics, CMRTC, Hyd	Subject Expert
8	Dr. K. Srujan Raju	Professor & Head Dept. of CSE, CMRTC	Subject Expert

9	Dr. K. Srinivas	Professor & Head Dept. of CSE(DS), CMRTC	Subject Expert
10	Dr. S Rao Chintalapudi	Professor & Head Dept. of CSE(AI&ML), CMRTC	Subject Expert
11	DR. V Malsoru	Associate Professor of IT, CMRTC	Subject Expert
12	DR. L V Ramesh	Associate Professor of IT, CMRTC	Subject Expert
13	Dr. M. Ahmed Ali Baig	Professor & Dean Academics, CMR Technical Campus dean.academics@cmrtc.ac.in Ph: 9886503510	Special Invitee
14	Mr. K.V.N Dattu (107R1A0525)	Application Development, Senior Analyst, Accenture, Hyderabad. kvn.dattu@gmail.com Ph: 8008700122	Alumnus

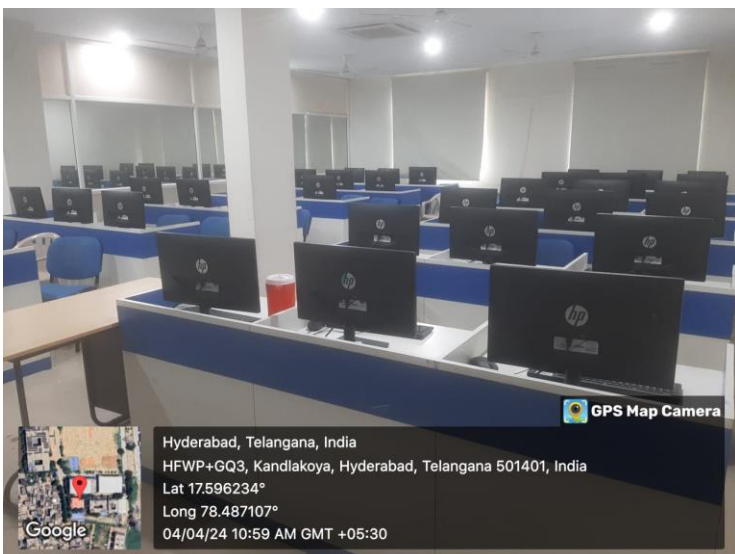
Laboratories

S.No	Specialization	Year	Semester	Lab Code	LabName	Equipment Name	Number of Units Required
1	Information Technology	2	1	22IT306PC	Object Oriented Programming through Java Lab	Computers with MySQL and JDK installed	30
2	Information Technology	2	1	22IT307PC	Python Lab	Computers with Python IDE installed	30

4	Information Technology	2	2	22 IT406PC	Web Technologies Lab	Computers with Linux, XAMP, Apache Tomcat Server, MySQL, PHP, NetBeans, JAVA, JAVA Script, JSP installed	30
5	Information Technology	2	2	22 IT407PC	Database Management Systems Lab	Computers with MySQL installed	30
6	Information Technology	3	1	22IT506PC	Software Engineering Lab	Computers with StarUML installed	30
					Computer Networks Lab	Computers with Dev c++ installed	30
7	Information Technology	3	1	22IT507PC	Machine Learning Lab	Computers with Python IDE installed	30
9	Information Technology	3	2	22IT604PC	Compiler Design Lab	Computers with Dev C++ and Linux installed	30
10	Information Technology	3	2	22IT605PC	Data Science Lab	Computers with Python IDE installed	30
11	Information Technology	3	2	22IT631PE	Full stack development Lab	Computers with MySQL and JDK installed	30
12	Information Technology	3	2	22IT632PE	Data Mining Lab	Computers with Data Mining tools like WEKA installed	30
13	Information Technology	3	2	22IT633PE	Scripting Languages Lab	Computers with Active TCL, Ruby, Perl installed	30
14	Information Technology	3	2	22IT634PE	Mobile Application Development Lab	Computers with Android Studio installed	30

15	Information Technology	3	2	22IT635PE	Software Testing Methodologies Lab	Computers with VMware workstation and Win Runner installed	30
16	Information Technology	4	1	20CS703PC	Data Mining Lab	Computers with Data Mining tools like WEKA intalled	30

IT fully equipped labs



Workshops Organized

Year	Name of the Workshops Organized	Number of Participants	Date
2023	Critical Thinking and Problem Solving	115	08-11-2023
2023	SENSOR BASED DETECTION SYSTEM FOR COACHES WITH WIRELESS NETWORKING	60	25-11-2023
2023	Rock Your World by Saving Energy	47	15-12-2023
2024	Technologies Impact on Entrepreneurship	62	21-02-2024
2024	International Womens Day	152	09-03-2024

Faculty Achievements

WORKSHOPS

S.No	Workshops	Date	Duration	ORGANIZATION NAME
1	2023	08-11-2023	1	IIC 6.0 CMRTC
2	2023	25-11-2023	1	IIC 6.0 CMRTC
3	2023	15-12-2023	1	IIC 6.0 CMRTC
4	2024	21-02-2024	1	IIC 6.0 CMRTC
5	2024	09-03-2024	1	IIC 6.0 CMRTC

Faculty Publications

(Publications A.Y. 2023-24)

1	Dr.B.KavithaRani	Congestion centric multi-objective reptile search algorithm-based clustering and routing in cognitive radio sensor network	Trans on Emerging Telecommunications Technologies (Wiley)
2	Dr.B.KavithaRani	Enhanced grasshopper optimization algorithm with extreme learning machines for motor-imagery classification	Asian Journal of Control
3	Dr.B.KavithaRani	Prediction of muscular paralysis disease based on hybrid feature extraction with machine learning technique for COVID-19 and post-COVID-19 patients	
4	Dr.B.KavithaRani	Adaptive Closed-Loop Deep Brain Stimulator Coding Techniques for Target Detections in Parkinson's	IETE Journal of Research
5	Dr.B.KavithaRani	Vehicle type classification using graph ant colony optimizer based stack autoencoder model	Multimedia Tools and Applications
6	Dr. V Malsoru	Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms	A Journal Of Composition Theory
7	Dr. V Malsoru	A Novel Stacking Approach For Detection Of Fake News	International Research Journal of Engineering and Technology, IRJETS
8	CH. Ramesh	Predicting flight delay using machine learning	IJRAR
9	CH. Ramesh	A Systematic analysis of text classification over fitting challenges and recommendations	SCOPUS

10	CH. Ramesh	Development of Tomato Leaf Disease Prediction System to the Farmers by using Artificial Intelligent Network	INTERNATIONAL JOURNAL OF TECHNO EDUCATION
11	V Rajesh	SMART STREET-AN (AI) ARTIFICIAL INTELLIGENCE POWERED STREET GARBAGE DETECTION AND ALERT SYSTEM	Technix International Journal For Engineering Research
12	V Rajesh	DETECTION OF PLAGARISM USING ARTIFICIAL INTELLIGENCE	ZKG INTERNATIONAL JOURNAL, Research(ZKG INTERNATIONAL)
13	G.Menaka	Handwritten Optical Character Recognition	International Journal of TECHNO ENGINEERING
14	G.Menaka	Automated Electric Arm with FPGA Processor and Embedded Systems	IEEE International Conference on Integrated Circuits and Communication System
15	G.DIVYA	Chronic Kidney Disease Prediction Using Machine Learning Techniques	IJTE
16	G.Divya	Skin Diseases Detection Using Convolution Neural Network	IJTE
17	G.Divya	Analytical Approach for Soil and Land Classification Using Image Processing with Deep Learning	International Conference for Innovation in Technology
18	G. Divya	Sentiment Analysis for Real-Time Micro Blogs using Twitter Data	International Conference for Innovation in Technology
19	M. SivaJyothi	MalwareNet: An Intelligent Malware Detection and Classification using Advanced Extreme Learning Machine in Edge Computing Environment	SCOPUS
20	M. SivaJyothi	A Review on Ensemble Model-based Rainfall Prediction Techniques	International Conference on Intelligent Data Communication Technologies and Internet of Things
21	M. SivaJyothi	A Robust Long Short-Term Memory Model for Classification of Malware Analysis	International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics

22	M. SivaJyothi	Clustering based Intrusion Detection System for effective Detection of known and Zero-day Attacks	Journal of Advanced Zoology
23	M. SivaJyothi	Employability Prediction using Facebook Prophet for Computer Science and Engineering Graduates	International Conference on Sustainable Communication Networks and Application
24	Y Satyam	Accurate Diagnosis of Cardiac disease with and without using GRIDSEARCHCV	IEEE
25	Y Satyam	Study on Deep Learning Techniques for Finding Suspicious Violence Detection in a Video Surveillance	International Journal on Recent and Innovation Trends in Computing and Communication
26	Y Satyam	Emotion Analysis Using Convolutional Neural Network	SCOPUS
27	M. Srilekha	Enhancing Event Organization Efficiency through Intelligent Chatbot: A Study on Automated Assistance and Engagement	International Conference for Innovation in Technology
28	MD. Sajid Pasha	Detection of DDOS Attacks In SDN Using MI Techniques	The International journal of analytical and experimental modal analysis
29	Y.Satyam	Optimizing email marketing using machine learning	IRJETS, International Research Journal of Modernization in Engineering Technology and Science
30	K Srinu	SEMANTIC-AWARE SEARCHING OVER ENCRYPTED DATA FOR CLOUD COMPUTING	Alochana Chakra Journal

31	K.Srinu	NUMEROUS SENSORS BASED ENVIRONMENTAL WEATHER VARIABLES MONITORING ROBOTIC SYSTEM OVER IOT	CLIO An Annual Interdisciplinary Journal of History
32	K.Chandrakala	Development of A Novel Block Design Based Key Agreement Protocol for Cloud Environment to Improve Efficient Performance and Security	International Journal of Scientific Research in Science and Technology
33	K.Chandrakala	Mouse Cursor Control Using Facial Movements-An HCI Application	International Journal of Techno – Engineering
34	Arfa mahvish	Implementation of Prediction Model for Medical Diagnosis of Breast Cancer Using Machine Learning Algorithms and Classification Techniques”	International Journal of Innovative Research in Technology, (IJIRT)
35	Arfa mahvish	ANOMALY BASED HIERARCHICAL INTRUSION DETECTION FOR BLACK HOLE ATTACK DETECTION AND PREVENTION IN WSN	Springer 4 International Conference on Computer
36	Arfa mahvish	Crop Yield Prediction Using Machine Learning	IJTE

NPTEL

S.NO	Name	Course Name	Certificate Type
1	Y.Satyam	Cloud computing	Elite
2	Y.Satyam	Cyber Security and Privacy	Elite
3	M. Sivajyothi	Cloud Computing and Distributed Systems	Elite
4	K. Chandrakala	Cloud Computing	Elite
5	V. Srisuma	Cloud Computing	Elite

Ph.D. Guideship

S.No	Name of the Professor	Name of Scholar	University	Year of Registration	Status
1	Dr. B. Kavitha Rani	V Rajesh Kumar pitani	Sri Satya sai univ of Medical sciences	2020	In progress
2	Dr. B. Kavitha Rani	S. Surendar Reddy	Sri Satya sai univ of Medical sciences	2017	In progress
3	Dr. B. Kavitha Rani	Appuri Pavan Kalyan	Sri Satya sai univ of Medical sciences	2020	In progress
4.	Dr. B. Kavitha Rani	Jalaa Redappa	Sri Satya sai univ of Medical sciences	2018	In progress

WORKSHOPS ATTENDED:

S.No	Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided
1	2023	Dr. B. Kavitha Rani	Innovation Ambassadar	MoE's Innovation Cell(Government of India)
2	2023	V MALSORU	Effective Filing of NAAC AQAR - Streamlining Institutional Performance	Vardhaman College of Engineering, Hyderabad.
3	2023	V MALSORU	BLOCK CHAIN TECHNOLOGY AND APPLICATIONS"	IETE, Hyderabad Centre
4	2023	Kotha Chandrakala	"NEP-2020 Implementation Plan: Innovation & Rankings"	UNIVERSITY GRANTS COMMISSION HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

5	2023	Kotha Chandrakala	Scientific Document Preparation using LaTeX	MLR INSTITUTE OF TECHNOLOGY
6	2023	G.Divya	"NEP-2020 Implementation Plan: Integrated Higher Education System	UNIVERSITY GRANTS COMMISSION HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
7	2023	G.Divya	Latest AI enhancements in Medical Domain & Source for datasets	Artificial Intelligence Medical and Engineering Researchers society
8	2023	G.Divya	National Intellectual Property Awareness Mission	Intellectual Property Office, India
9	2023	K Srinu	Application of Machine Learning for Beginners	CMR Technical Campus
10	2023	Yedlla satyam	Design Thinking-Role in Innovation	CMR Technical Campus
11	2023	V Srisuma	ANOMALY BASED HIERARCHICAL INTRUSION DETECTION FOR BLACK HOLE ATTACK DETECTION AND PREVENTION IN WSN	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
12	2023	ArfaMahawish	ANOMALY BASED HIERARCHICAL INTRUSION DETECTION FOR BLACK HOLE ATTACK DETECTION AND PREVENTION IN WSN	KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
13	2023	D Mahesh Babu	Digital Marketing	CMR Technical Campus

STUDENTS ACHIEVEMENTS:

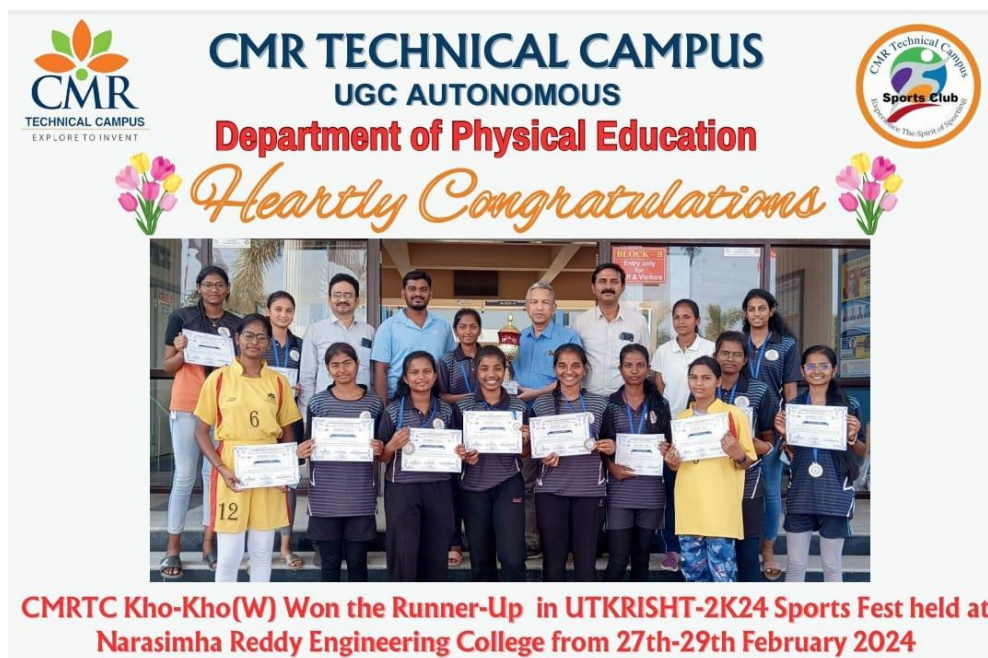
NPTEL COURSES

S.NO	Course Name	View Details
1	Cloud Computing	View
2	Computer Graphics	View
3	English Language for Competitive Exam	View

IIT BOMBAY SPOKEN TUTORIALS

S.NO	Class	View Details
1	II Year	View
2	III Year	View
3	IV Year	View

Won the Runner-Up in Kho-Kho UTKRISHT-2K24 SPORTS



CMR TECHNICAL CAMPUS
UGC AUTONOMOUS
Department of Physical Education

Hearty Congratulations

CMRTC Kho-Kho(W) Won the Runner-Up in UTKRISHT-2K24 Sports Fest held at Narasimha Reddy Engineering College from 27th-29th February 2024



Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi and JNTU Hyderabad
EVENT REPORT ON ESPERANZA

Date of the event Held: 13-01-2024

Organizer: THE LEXIS CLUB OF CMR TECHNICAL CAMPUS

Venue/Place: CMRTC AUDITORIUM, CMRTC, KANDLAKOYA, MEDCHAL.

Number of students Participants (students and Staff): 1056

Description about the Event: ESPERANZA 2k24, the Fresher's event organized by the Lexis Club, brought together B.tech, MBA, and Medical college students for the academic years 2023-2027. Kicking off with the final round of the fresher's bash, the room buzzed with excitement as everyone awaited the announcement of the winners. The event featured a musical skit and interactive games which brought student's hidden talents to light, providing a lively experience for all participants.

Outcome of the event: The Mr and Ms Fresher of B.tech and MBA for the academic year were selected through various rounds and the final contestants went through the final round and the winners were decided by the Chief Guest and the other Dignitaries on the D-day. Outstanding talents among the students were rewarded with surprise gifts, adding an element of unexpected joy to their achievements.

Photo 1: Inaugural Photo with Guest along with banner (Geo tagged)



Photo 2: Participant along with Guest/Speaker (Geo tagged)



Photo 3: Event Proof photos (Geo tagged)

Photo 4: Event Proof Photos (Geo tagged)



Signature of faculty Coordinator

Signature of Head

CERTIFICATES



NPTEL:

S.No	Roll Number	Name	Internal Marks Score out of 25	External marks Score out of 75	Score out of 100	Certificate Type
1	217R1A1202	Aishwarya Salendra	20	30	50	Successfully Completed
2	217R1A1203	Anjan Barman	20.42	36	56	Successfully Completed
3	217R1A1204	Baddam Anusri	19	30	49	Successfully Completed
4	217R1A1206	Banavath Tharun kumar	19.56	30	50	Successfully Completed
5	217R1A1209	Paramesham.Bobbali	20	30	50	Successfully Completed
6	217R1A1210	B.pooja	20.21	33.75	54	Successfully Completed
7	217R1A1211	Brahmarouthu Rithika	20.42	35.25	56	Successfully Completed
8	217r1a1220	Gadegama keerthana	20.83	30	51	Successfully Completed
9	217R1A1221	Gadicherla Hemanth	20	30	50	Successfully Completed
10	217R1A1226	K. Jashwanth Swamy	19.46	30	49.46	Successfully Completed
11	217R1A1228	KAIPA SATYASAI SIDDHARTH	21	30	51	Successfully Completed
12	217r1a1230	K Shiva Prakash Reddy	20.75	30	51	Successfully Completed
13	217R1A1232	KATHROJU VISHNUPRIYA	20.83	30.75	52	Successfully Completed
14	217R1A1234	KORIDE SAIKANTA BHARADWAJ	19.88	30	50	Successfully Completed
15	217r1a1236	Maddikunta Nikhitha	20.29	31.5	52	Successfully Completed
16	217R1A1242	Mukka.Ram	19.58	30	49.58	Successfully Completed
17	217R1A1244	P.Veditha	20	30	50	Successfully Completed
18	217r1a1245	Polu Nikhil Reddy	19.04	30	49	Successfully Completed
19	217R1A1246	Pranith Reddy pendyala	18.21	37.5	56	Successfully Completed
20	217R1A1248	Ramagiri Ashlesha	20.42	30	50	Successfully Completed

21	217r1a1257	Thota Rupasri	21.25	30.75	52	Successfully Completed
22	217R1A1265	Zeba tanveen	19.58	30	50	Successfully Completed
23	227R5A1205	Shaik Sameera	20.42	30	50	Successfully Completed
24	217R1A1267	Akaram Lithish	13.96	30.75	45	Successfully Completed
25	217R1A1268	A SHIVAVARDHAN	20.29	30.75	51	Successfully Completed
26	217R1A1269	Charan Andapalli	19	30	49	Successfully Completed
27	217R1A1270	Baddam Yashwanth Reddy	15	30	45	Successfully Completed
28	217r1a1271	Bethini JYOTHIBASU	20.29	32.25	53	Successfully Completed
29	217R1A1272	B.DIVYA JOY	12.5	30.75	43%	Successfully Completed
30	217R1A1277	Ch phani Kowshik	19.04	31.5	51	Successfully Completed
31	217R1A1282	Dokka Deepika	19	39	58	Successfully Completed
32	217R1A1286	ETTADI PRANITHA REDDY	20.8	30	50	Successfully Completed
33	217r1a1291	J saidurgesh	16.25	30	46	Successfully Completed
34	217R1A1293	K.sai chandana	15	30	45	Successfully Completed
35	217R1A12A0	K .raju	19.25	30	49	Successfully Completed
36	217R1a12a1	M. Mounika	20.2	30.75	51	Successfully Completed
37	217R1A12A9	Neha	16.54	30.75	47	Successfully Completed
38	217R1A12B3	P.Vineela	20.71	30	51	Successfully Completed
39	217R1A12B5	P. Tejasree	22.83	58.5	81	Elite
40	217R1A12B8	ManikantaGanesh Ranga	20	30	50	Successfully Completed
41	217R1A12C1	SANGISETTI BAASWANTH SAI	18.63	30.75	49	Successfully Completed
42	217R1A12C4	Thalari pavani	20.29	30	50	Successfully Completed
43	217R1A12C7	Tupti Harish raj	20.29	32.25	53	Successfully Completed
44	217R1A12D0	V.Shiva Priyanka	12.83	38.25	51	Successfully Completed

45	227R5A1208	Ch Banu Teja	20.08	30	50	Successfully Completed
46	227R5A1211	Ganesh Bolaka	21	33	54	Successfully Completed
47	227r5a1213	Manikyolla Ravi Kumar	20.29	30	50	Successfully Completed

COURSE OUTCOMES FOR R20 REGULATION

IIEAR

22MA301BS: Computer Oriented Statistical

Methods

22IT302PC: Programming with Python

22IT303PC: OOPS Through Java

22IT304PC: Computer Organization and

Architecture

22EC305ES: Digital Electronics

22IT306PC: OOPS Through Java Lab

22IT307PC: Python Lab

22IT308PC: Skill Development Course Lab

22EN309MC: Gender Sensitization Lab

22MA401BS: Discrete Mathematics

22IT402PC: Database Management Systems

22IT403PC: Operating Systems

22 IT404PC: Web Technologies

22 IT405PC: Software Engineering

22 IT406PC: Web Technologies Lab

20CS407PC: DBMS Lab

22IT408PC: Real time Research Project/ Societal Related Projects

22EN409MC: Constitution of India

III YEAR

20CS501PC: SOFTWARE ENGINEERING

20CS502PC: COMPUTER NETWORKS

20CS503PC: WEB TECHNOLOGIES

20CS511PE: SOFT COMPUTING (Professional Elective – I)

20CS512PE: OBJECT ORIENTED ANALYSIS AND DESIGN(Professional Elective – I)

20CS513PE: DATA ANALYTICS (Professional Elective - I)

20CS514PE: IMAGE PROCESSING (Professional Elective - I)

20CS515PE: PRINCIPLES OF PROGRAMMING LANGUAGES (Professional Elective - I)

20CS521PE: COMPUTER GRAPHICS (Professional Elective - II)

20CS522PE: ADVANCED OPERATING SYSTEMS (Professional Elective - II)

20CS523PE: INFORMATION RETRIEVAL SYSTEMS (Professional Elective - II)

20CS524PE: DISTRIBUTED DATABASES (Professional Elective - II)

20CS525PE: NATURAL LANGUAGE PROCESSING (Professional Elective - II)

20CS504PC: SOFTWARE ENGINEERING LAB

20CS505PC: COMPUTER NETWORKS AND WEB TECHNOLOGIES LAB

20EN506HS: ADVANCED COMMUNICATION SKILLS LAB

20MC507IP: INTELLECTUAL PROPERTY RIGHTS

20CS601PC: MACHINE LEARNING

19CS602PC: COMPILER DESIGN

20MB603PC: BUSINESS ECONOMICS AND FINANCIAL ANALYSIS

20CS631PE: BIG DATA ANALYTICS (Professional Elective - III)

20CS632PE: NETWORK PROGRAMMING (Professional Elective - III)

20CS633PE: SCRIPTING LANGUAGES (Professional Elective - III)

20CS634PE: MOBILE APPLICATION DEVELOPMENT (Professional Elective - III)

20CS635PE: SOFTWARE TESTING METHODOLOGIES (Professional Elective - III)

20CS604PC: MACHINE LEARNING LAB

20CS605PC: COMPILER DESIGN LAB

20CS631PE: BIG DATA ANALYTICS LAB (Profession allElective - III)

20CS632PE: NETWORK PROGRAMMING LAB (Professional Elective - III)

20CS633PE: SCRIPTING LANGUAGES LAB (Professional Elective - III)

20CS634PE: MOBILE APPLICATION DEVELOPMENT LAB (Professional Elective - III)

20CS635PE: SOFTWARE TESTING METHODOLOGIES LAB (Professional Elective - III)

IV YEAR

20MB701HS: ORGANIZATIONAL BEHAVIOUR (PC)

20CS702PC: DATA MINING (PC)

20CS741PE: CLOUD COMPUTING (Professional Elective - IV)

20CS742PE: SOFT COMPUTING (Professional Elective - IV)

20CS743PE: MOBILE COMPUTING (PROFESSIONAL ELECTIVE - IV)

20CS744PE: ARTIFICIAL INTELLIGENCE (Professional Elective - IV)

20CS745PE:AD-HOC & SENSOR NETWORKS (Professional Elective - IV)

20CS751PE: REAL- TIME SYSTEMS (Professional Elective - V)

20CS752PE: INTERNET OF THINGS (Professional Elective - V)

20CS753PE: SOFTWARE PROCESS & PROJECT MANAGEMENT(Professional Elective -V)

20CS754PE: DESIGN PATTERNS (PROFESSIONAL ELECTIVE - V)

20CS755PE: ADVANCED ALGORITHMS (Professional Elective - V)

20CS703PC: DATA MINING LAB (PC)

20CS801PC: CRYPTOGRAPHY AND NETWORK SECURITY (PC)

20CS861PE: HUMAN COMPUTER INTERACTION (Professional Elective - VI)

20CS862PE: CYBER FORENSICS (Professional Elective - VI)

20CS863PE: DEEP LEARNING (Professional Elective - VI)

20CS864PE: ETHICAL HACKING (PROFESSIONAL ELECTIVE – VI)

20CS865PE: DATABASE SECURITY (Professional Elective - VI)







Department of Information Technology










CMR TECHNICAL CAMPUS



Kandlakoya (v), Medchal Road, Hyderabad-501401




PLACEMENT SUMMARY IN THE YEAR 2023-24

Total Students Placed – 27* in various companies

S.No	Name	Roll No	Photo	Company	Package
1.	CHADA VISHNU VARDHAN	207R1A1211		SPERIDIAN	3.6L
2.	MOHAMMED IRFAN	207R1A1238		SPERIDIAN	3.6L
3.	KSHERSAGAR GAYATHRI DEVI	207R1A1229		ACCENTURE	4.5 L
4.	VELISHALA SHRAVIKA	207R1A1256		ACCENT URE	6.5 L
5.	YEDLAPALLY SAI MEGHA	207R1A1260		ACCENT URE	4.5 L
6.	ACHALKAR SANJANA	207R1A1261		ACCENT URE	4.5 L

7.	METTU NAMRATHA REDDY	207R1A1291		ACCENT URE	4.5 L
8.	MOHAMMED AKHEEL BABA	207R1A1293		ACCENT URE	4.5 L
9.	MOHD NAVEED	207R1A1294		ACCENT URE	4.5 L
10.	NADIMETLA LAHARI	207R1A1297		ACCENTURE	4.5 L
11.	NAMPALLY HEMALATHA	207R1A12A0		ACCENTURE	4.5 L
12.	TADISHETTI PAVAN KUMAR	207R1A12B4		ACCENTURE	4.5 L
13.	SHIVA PRASAD	217R5A1211		ACCENTURE	4.5 L
14.	MADAPALLY NAVYASRI	207R1A1290		SUTHERLAND	3L
15.	YERRAMYASAGULL A BHARTHRAJ	207R1A12C0		SUTHERLAND	3L

16	207R1A1263	AKKALAGARI SHIVANI		CAPGEMINI	4.25L
17	207R1A1209	BONDILI VINAY SINGH		CAPGEMINI	4.25L
18	207R1A1238	MD.IRFAN		CAPGEMINI	4.25L
19	207R1A12A6	R.NIKSHITHA		CAPGEMINI	4.25L
20	207R1A1265	BANDA MANITEJA		CAPGEMINI	4.25L
21	207R1A1262	ADAVELLI SHIVA SAI NATHA REDDY		CAPGEMINI	4.25L
22	207R1A1298	NALAGUNDA AKASH		CAPGEMINI	4.25L
23	207R1A1225	KATAMREDD Y SRIHITHA		CAPGEMINI	4.25L
24	207R1A1276	GALIPELLI MEGHANA		CAPGEMINI	4.25L

25	207R1A1244	PARUCHURIN ITHYASRI		CAPGEMINI	4.25L
26	207R1A1287	MARAGOUNI SAIKIRAN		CAPGEMINI	4.25L
27	207R1A1226	SAIKEERTHANA		CAPGEMINI	4.25L

List of events conducted in 2023-24



NSS UNIT-CMRTC FELICITATION ALUMINI MEET

CMR TECHNICAL CAMPUS
ALUMNI ASSOCIATION
ANUSMARAN
Reconnect | Refresh | Remember

"CMRTC ALUMNI ASSOCIATION CORDIALLY INVITES YOU BACK TO YOUR ALMA MATER TO REUNITE AND CHERISH ALL THE JOYS AND WONDERFUL MOMENTS SPENT TOGETHER"

Date: 30th December 2023

Venue: CMR Technical Campus
Time: 10:00 am onwards

Logos: UGC Autonomous, NAAC, NBA, AIRIA, NIRF

Website: www.cmrtc.ac.in





NATIONAL SERVICE SCHEME ACTIVITIES



NATIONAL SERVICE SCHEME CMR Technical Campus



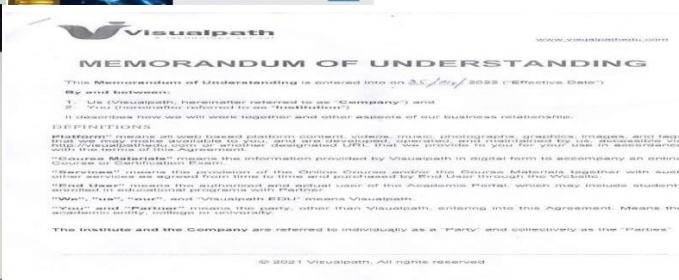


MOU

Memorandum of Understanding (MOU)

FOREIGN UNIVERSITIES				INDIAN INSTITUTES & UNIVERSITIES			
INDUSTRIES							

For an institute to explore happenings around the world technologically and to update its student and faculty fraternity, it is very much necessary to proceed with collaborations and Memorandum of Understandings [MoUs] and Associations [MoAs], even all such programs where international exposure has become obligatory. CMR Technical Campus has always been proactive in signing MoUs with national and global institutions/universities/Corporations in the nature of Training, Certification, Joint research, Student exchange, Faculty development programs, Conference & Webinars. CMRTC is currently executing 50+ active MoUs with different organizations of National & International repute.



BATHUKAMMA CELEBRATIONS



WOMEN'S DAY CELEBRATIONS

The session on “INTERNATIONAL WOMEN’S DAY CELEBRATIONS”, organized by the Department of Information Technology in association with IIC 6.0, CMR Technical Campus on 09-03-2024 from 2:00 to 4:00pm. There were about 108 faculty members and 44 students attended the celebrations.

The session of the workshop was delivered by Dr. Neela Gollapudi and Dr. Jaya Saxena.

Prof. Neela Gollapudi, MBA Ph. D UGC (NET), Director MBA Program, Kasturba Gandhi College for Women. She have around 30 years of experience in teaching and training. A Management graduate from Andhra University. She has done her PhD from Osmania University in the field of Social Marketing with special emphasis on identification of opinion leaders. She is Currently working as a guest faculty for international trade and communication for Managers at School of Agri Business Management of Prof.Jaishankar Telangana State Agriculture University. She was a guest faculty at institute of public enterprise and ASCI’s hospital management institute. Conceptualized and organized a national seminar on financial literacy sponsored by NABARD and ICSSR.







From the Editorial...

Greetings to all! ,

The department is cheerful to present the first edition of the department of IT 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 IT 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