

News Letter A.Y 2021-22

**CMR
TECHNICAL
CAMPUS**

UGC AUTONOMOUS



**DEPARTMENT
OF
IT**

News Letter A.Y 2021-2022

Kandlakoya(v), Medchal Road, Hyderabad-501401
Permanently Affiliated to JNTUH, 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, 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.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 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 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 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

About the Department

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 (IT – HOD)

Professor

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Dr. Kavitha Rani Balmuri, Professor of Information Technology, earned her Ph.D. in 2015 from JNTUK. She has more than fifteen years of academic experience in various reputed institutions in India. Her Ph.D. research was on A New Approach Using Machine Learning Techniques for Rainfall Prediction at JNTUK in Kakinada, A.P, India. She received her M.Tech in Computer Science & Engineering from JNTUH in Hyderabad, Telangana, in 2009. Dr. Kavitha Rani's research interests include Natural language processing, information retrieval, deep learning, and artificial intelligence. Dr. Kavitha Rani has been in charge of administration since December of 2019. Dr. Kavitha Rani is active in encouraging students to join various professional bodies and in training them to be industry ready products. She has numerous papers published in international journals and conferences. She is also Life Member of CSI and ISTE.

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. No	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	2151	9355-210503-092839	Dr. G Vinoda Reddy	Assoc. Prof	Ph.D	
3	2158	10150406-141754	Dr Shankar Nayak	Assoc. Prof	Ph.D	
4	2160	3947-150501-121041	Dr. V Malsoru	Assoc. Prof.	Ph.D.	
5	2102	73150406-131025	M. Chalapathi Rao	Asst. Prof.	M.Tech	
6	8030	5983-170103-122450	M. Siva Jyothi	Asst. Prof.	M.Tech	
7	2094	7104-160223-140452	G. Menaka	Asst. Prof.	M.Tech	

8	2134	8404-150408-185212	K. Mahesh Raj	Asst. Prof.	M.Tech	
9	2178	3559-150408-124414	K. Sadhanandham	Asst. Prof	M.Tech	
10	2141	93150404-172143	G. Divya	Asst. Prof.	M.Tech	
11	2172	1435-150408-162555	Md. Sajid Pasha	Asst. Prof	M.Tech	
12	2185	7340-110217-125950	Y. Sathyam	Asst. Prof	M.Tech	
13	2182	4057-201107-135101	Ch. Ramesh	Asst. Prof	M.Tech	
14	2164	2279-160105-124951	K. Srinu	Asst. Prof	M.Tech	
15	2165	8691-160311-163614	K. Chandrakala	Asst. Prof	M.Tech	
16	2171	4745-160217-155421	V. Sri Suma	Asst. Prof	M.Tech	

17	2126	5127-200306-115450	Arfa Mahvish	Asst. Prof	M.Tech	
18	2205	6292-150414-142918	Ravi Regulagadda	Asst. Prof	M.Tech	
19	2200	7511-161128-145335	Mahesh Babu	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, Hyderabad. hod.cse@cmrtc.ac.in	Subject Expert
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

S.No	Lab No	SEM	Lab Code	Name of the Lab	Softwares	Name Of the Lab Incharge
1	110	I	19CS505PC	Software Engineering Lab	Computer Systems with Rational Rose/ Star UML/ UML Graph / Topcased installed	Mr.M.Balaji
		II	20CS406PC	Python Lab	Computer systems with Pyton installed	
2	110A	I	20CS307PC	Data Structure using C Lab	Computer systems with C compiler installed.	Ms.G.Menaka
		II	19CS614PE	Mobile Application Development Lab	Computer Systems with Android Studio installed	
			19CS615PE	Software Testing Methodologies Lab	Computer Systems with WinRunner/Selenium installed	
3	111B	I	IT703PC	Information Security Lab	Computer Systems with C Compiler installed Computer Systems with JDK Compiler installed	Mrs.G.Divya
		II	20CS408PC	OS Lab	Computer systems with Linux and C installed.	
4	112	I	20CS306PC	OOPS Through Java Lab	Computer systems with MySQL and JDK installed	Mr.Y.Satyam Mr.Ch.Ramesh
		II	20CS407PC	DBMS Lab	Computer systems with OS & MySQL installed	
5	112A	I	19IT506PC	Computer Networks & Web Programming Lab	Computer Systems with any one Programming language software installed NS2/NS3 installed Linux, Apache, Tomcat Server, MySQL, PHP, JAVA, JAVA Script, JSP installed	
		II	19IT606PC	Compiler Construction Lab		
6	401	I				Mrs.K.Chandrakala
		II	19CS612PE	Network Programming Lab	Computer Systems with Linux OS and C software installed	
7	401A	I				

		II	19IT611PE	Ethical Hacking Lab	Computer Systems with Java kits, Jcrypt, Burp Suite Tool i	
			19CS613PE	Scripting Languages Lab	Computer Systems with Linux OS and Ruby, TCL, Perl installed	
8	401B	I				ArfaMahawish
		II	19IT605PC	Embedded Systems & Internet of Things Lab	Arduino/ Raspberry pi Boards/ Kits	
			19IT605PC	Embedded Systems & Internet of Things Lab	LED interface Cards	
			19IT605PC	Embedded Systems & Internet of Things Lab	Computer Systems with WiFi facility	
			19IT605PC	Embedded Systems & Internet of Things Lab	Computer Systems with Linux, Python, Apache Tomcat Server installed	
			19IT605PC	Embedded Systems & Internet of Things Lab	Chronos ez430 smart watch	
			19IT605PC	Embedded Systems & Internet of Things Lab	Light Sensors	
			19IT605PC	Embedded Systems & Internet of Things Lab	LEDs	
			19IT605PC	Embedded Systems & Internet of Things Lab	16 X 2 LCD	
			19IT605PC	Embedded Systems & Internet of Things Lab	USB webcam	
			19IT605PC	Embedded Systems & Internet of Things Lab	USB Dongle	
			19IT605PC	Embedded Systems & Internet of Things Lab	Computer Systems with Python installed	
			19IT605PC	Embedded Systems & Internet of Things Lab	Required Sensors & other supporting Components	

IT Fully equipped labs





Workshops/FDPs Organized

Year	Name of the Workshop	Number of Participants	Date From – To
2021	Workshop on NOCODE	50	09-11-2021 to 10-11-2021
2021	WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRS) AND IP MANAGEMENT FOR START UP	200	05/29/2021-05/29/2021
2021	Induction Programme	90	2/12/2021 - 02/12/2021
2021	Start-up and Entrepreneurship by successful Innovators	70	20/11/2021 - 20/11/2021
2021	Patent Facilitation Centre	100	09/04/2021 - 09/04/2021

ACHIEVEMENTS

FDPs

S.NO		DATE/S	DURATION	ORGANIZATION NAME
1	Two Weeks Faculty Development Programme (FDP) on Entrepreneurship Development	15th-27th February 2021	12 Days	Dept of IT, CMRTC
2	Online Five Days Faculty Development Programme (FDP) On Cyber Security & Ethical Hacking	1st -5th June 2020	5 Days	Dept of IT, CMRTC
3	An Online FACULTY DEVELOPMENT PROGRAMME (FDP) ON Deep Learning and AI Applications	21st JUNE – 1st JULY 2021	10 days	Dept of IT, CMRTC

WORKSHOPS

S.NO	WORKS	DATE/S	DURATION	ORGANIZATION NAME
1	Session on Startup and Entrepreneurship	20 th November 2021	1 Day	IIC 4.0 CMRTC
2	Workshop on Transform Business through Design Thinking	15 th November 2021	1 Day	IIC 4.0 CMRTC

Faculty Publications

(Publications A.Y. 2021-22)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication
Implementation of Speed-Efficient Key-Scheduling Process of AES for Secure Storage and Transmission of Data	Kumar, T.M.; Balmuri, K.R.; Marchewka, A.; Bidare Divakarachari, P.; Konda, S	IT	Sensors	2021
An advance of complex multifaceted root learning for parkinson behavior using subthalamic nucleus biomarkers	Venkateshwarla Rama Raju*, Kavitha Rani Balmuri, Konda Srinivas, G. Madhukar	IT	IP Indian Journal of Neurosciences	2021
MER Signal Acquisition of STN-DBS Biomarkers in Parkinson's: A machine learning auto regression approach	Venkateshwarla Rama Raju, Kavitha Rani Balmuri, Konda Srinivas, G. Madhukar	IT	IP Indian Journal of Neurosciences	2021
Adaptive Closed-Loop Deep Brain Stimulator Coding Techniques for Target Detections in Parkinson's	Venkateshwarla Rama Raju, Dabbeta Anji Reddy, D. Narsimha, Konda Srinivas, Balmuri Kavitha Rani	IT	IETE Journal of Research	2021
Dynamic Route Discovery Using Modified Grasshopper Optimization Algorithm in Wireless Ad-Hoc Visible Light Communication Network	Sharmila Vadivel Srinivas Konda, Kavitha Rani Balmuri, Andrzej Stateczny, and B. D. Parameshachari	IT	Electronics	2021
Prediction of Muscular Paralysis disease based on hybrid feature extraction with Deep Learning Technique	Prabu Subramani, Srinivas K, Kavitha Rani B, Sujatha R, Parameshachari B D	IT	Personal and Ubiquitous Computing	2021
Automated Evaluation of Telugu Text Essays Using Latent Semantic Analysis	M Varaprasad Rao, B Kavitha Rani, K Srinivas, G Madhukar	IT	Turkish Journal of Computer and Mathematics Education	2021
VIDEO RECOMMENDER SYSTEM BY ANALYSING USER'S HISTORICAL BEHAVIOUR SIMULATING NETFLIX RECOMMENDER	G.Divya	IT	The International journal of analytical and experimental modal analysis	2021
Two Way Distributed Sequential Pattern Mining using Fruitfly Algorithm along with Hadoop and Map Reduce Framework	V. Malsoru, A. R. Naseer A. R., G. Narsimha,	IT	International Journal of Computer Aided Engineering and Technology - Inderscience	2021

IoT Based Over Speeding Vehicles Detection	M. Sivajyothi	IT	A Journal Of Composition Theory	2021
Farmer Eco Friendly Recommendation System	ARFA MAHWISH	IT	Journal of Emerging Technologies and Innovative Research	2021
“Telugu Text Summarization Using LSTM Deep Learning”,	BKavithaRani, MVaraprasadRao, KSrinivas, G.Madhukar	IT	penseejournal	2020
Prediction Of Heart Disease Using Hybrid Linear Regression	K. Srinivas, B. Kavitha Rani, M,Varaprasada Rao, RajkumarPatra. G. Madhukar	IT	Journal ofMolecular&ClinicalMedicine	2020
Induced micro lesion effect on cardinal motor features of Parkinson's: A study with iMER signals of subthalamic-nuclei deep brain stimulations (Electro-Implantation) by DBS	Venkateshwarla Rama Raju*, Srinivas Konda, Kavitha Rani Balmuri, Anvesh Balabhadra	IT	European Journal of Molecular & Clinical Medicine	2020
Corticosteroid Usage Trend And Their Focus Effects In Patients of Dermatology Using Machine Learning	K. Srinivas, B. Kavitha Rani, M,Varaprasada Rao, RajkumarPatra. G. Madhukar	IT	European Journal of Translational and Clinical Medicine	2020
A Study of Quantum Computing and Quantum Diamond Microscope Techniques to Advance Neuroimaging	Venkateshwarla. Rama Raju,Rama Raju, Srinivas Konda, Kavitha Rani Balmuri	IT	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY(IRJET)	2020
A study of novel molecules for Parkinson'sdisease treatment molecular mechanisms of neurodegenerative complexities and brainprotection	VenkateshwarlaRamaRaju, YHarishankarReddy,NagarajuKri shnaChythanya,Srinivas Konda, Kavitha Rani Balmuri	IT	IP Indian Journal of Neurosciences	2020
Differentiation of Brain Sub-Cortical-Structures with Effective Micro Neuro Sensors Recording Based Support Vector Machines through Deep Brain Stimulator in Parkinson's Disease	Venkateshwarla Rama Raju, Dabbeta Anji Reddy3, Narasimha4, Srinivas Konda, Kavitha Rani Balmuri, Madhukar Gunda	IT	International Research Journal of Engineering and Technology (IRJET)	2020
MER based analysis of local field potentials with deep brain stimulationsubthalamic nucleus in Parkinson's disease using coherence and entropy techniques	VenkateshwarlaRamaRaju, SrinivasKonda,KavithaRaniBalmuri,AnveshBalabhadra,BSVRaju, GinjupallyDhanunjayaRao,	IT	IP Indian Journal of Neurosciences	2020

Circuitous Goal of bSTN deep brain stimulator in parkinson disease: A study with fusion MRI guided by Computed Axial tomography and microneurosensory recording MER techniques	Venkateshwarla Rama Raju, Srinivas Konda, Kavitha Rani Balmuri, BSV Raju	IT	IP Indian Journal of Neurosciences	2020
<i>Convolution Neural Networks for Binary Classification</i>	K.Srinivas, B.Kavitha Rani, M.Varaprasad Rao, G.Madhukar, and B.Venkata Ramana	IT	Journal of Computational and Nano science	2020
<i>Optimizing Replica Migration in Cloud Data Centers</i>	B.Kavitha Rani, K.Srinivas, M.Varaprasad Rao, G.Madhukar	IT	International Journal of Recent Technology and Engineering	2020
Circuitous Goal of bSTN deep brain stimulator in parkinson disease	Venkateshwarla Rama Raju, Srinivas Konda, Kavitha Rani Balmuri, BSV Raju	IT	IP Indian Journal of Neurosciences	2020
Big High Utility Sequential Patterns Mining Algorithm along with Hadoop and Map Reduce Framework	V. Malsoru, A. R. Naseer, G. Narsimha	I.T.	Journal of Theoretical and Applied Information Technology	2020
Traffic Sign Classification using Deep Inception Based Convolutional Networks	D. NIKITHA BAI, R. BHARADWAJ, CH. VARSHINI, CH. CHALAPATHI RAO, DR. B. KRISHNA	IT	Parishodh Journal	2020

Workshops and conferences Attended

Sl. 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	2020	MD SAJID PASHA	FUTURE OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE	MLR INSTITUTE OF TECHNOLOGY
2	2020	MD SAJID PASHA	Web App Development	Kings Engineering College Chennai
3	2020	MD SAJID PASHA	INTERNET OF THINGS	Beta Technologies Certificate of Excellence Coimbatore
4	2020	MD SAJID PASHA	National Level Quiz on Hadoop and Big Data	NRI INSTITUTE OF TECHNOLOGY
5	2020	MD SAJID PASHA	Technical Quiz on DATA SCIENCE	Mohamed Sathak Engineering College
6	2020	MD SAJID PASHA	ONLINE QUIZ ON PYTHON PROGRAMMING	Mohamed Sathak Engineering College
7	2020	MD SAJID PASHA	JAVA PROGRAMING	Annamacharya Institute Of Technology and Sciences New Boyanapalli Rajampet Kadapa

8	2020	MD SAJID PASHA	Industry Based Artificial Intelligence	Loyola Institute of Technologypalanc hur Chennai
9	2020	MD SAJID PASHA	Coding Test for Self Assessment of Innovative Programming Skills	GURU NANAK INSTITUTIONS
10	2020	YEDLLA SATYAM	Modern Online Tools and software for Remote Teaching and E content Development	
11	2020	YEDLLA SATYAM	COMPUTER NETWORKS SIMULATION USING NS2	
12	2020	Sadanandam Kalvala	HOW TO GET RESEARCH GRANTS FROM UGC, AICTE	
13	2020	Sadanandam Kalvala	Real Time Implementation of AI Incorporated with Image Segmentation and Retrieval Process	
14	2020	Sadanandam Kalvala	One Day Coordinators Workshop on C on organized by the Teaching Learning Centre, ICT at IIT Bombay	
15	2020	RAMESH CHEGONI	Data Science and Analytics	
16	2020	M.BALAJI	KLU python programming	
17	2020	M.BALAJI	Essentials of Python Programming	
18	2020	M.BALAJI	JNTU " YOGA Know y our Cal i ber	
19	2020	M.BALAJI	Machine learning and AIML	
20	2020	M. CHALAPATH I RAO	• Webinar on “Engineers Role in Fighting the battle against COVID 19” organized by IIT Jammu on 8th May, 2020.	
21	2020	M CHALAPATH I RAO	Accelerating Experiential Learning in Engineering_13 Apr 2020	
22	2020	M CHALAPATH I RAO	Introduction to VMWare Cloud_11 Apr 2020	
23	2020	M CHALAPATH I RAO	webinar-Fundamentals of rigid pavements 29-05-2020	
24	2020	M CHALAPATH I RAO	IOT FDP CERTIFICATES_121	
25	2020	M CHALAPATH I RAO	Neural Networks and Deep Learning	
26	2020	M CHALAPATH I RAO	Outcome Based Education and NBA Accreditation	
27	2020	M CHALAPATH I RAO	Cyber Security	

28	2020	M CHALAPATH I RAO	Future of AI inspired by Customer Use Cases for AI-ML_09 Apr 2020	
29	2020	M CHALAPATH I RAO	Machine Learning for Beginners	
30	2020	ARFA MAHWISH	coursera	
31	2020	B.KAVTHA RANI	WORKSHOP ORGANISED BY St. Martin's Engineering College, Women in cyber security and privacy in 2020	
32	2020	B.KAVITHA RANI	WEBINAR ORGANISED BY Will Ramey Senior Director, Developer Programs, NVIDIA,FUNDAMENTALS OF DEEP LEARNING FOR MULTIPLE DATA TYPES	
33	2020	B.KAVITHA RANI	WEBINAR ORGANISED BY Department of Computer Science, St. Joseph's College (Autonomous), Irinjalakuda, Secure Coding Practices	
34	2020	B.KAVITHA RANI	WEBINAR ORGANISED BY IEEE STUDENT BRANCH NSAKCET,DATA SCIENCE APPLICATION AND OPPORTUNITIES	
35	2020	B.KAVITHA RANI	WEBINAR ORGANISED BY IEEE STUDENT BRANCH NSAKCET,HOW TO START A CAREER IN CYBER SECURITY AND AWARENESS ON CYBER CRIMES	
36	2020	B.KAVITHA RANI	WEBINAR ORGANISED BY PONDICHERRY ENGINEERING COLLEGE,BATTLE AGAINST COVID-19 WITH AAROGYA SETU	
37	2020	B.KAVITHA RANI	QUIZ ORGANISED BY Institution's Innovation Council (IIC), CMR Technical Campus, Medchal Road, Hyderabad," Awareness on IPR, Incubation, Entrepreneurship, Design Thinking and Innovation Management	
38	2020	B.KAVITHA RANI	FDP ORGANISED BY VIDYA JYOTHI INSTITUTE OF TECHNOLOGY, DEVELOPING POTENTIALS- EMERGING TECHNOLOGIES OF COMPUTER SCIENCE	
39	2020	B.KAVITHA RANI	FDP ORGANISED BY CMRTC ,R - PROGRAMMING	
40	2020	B.KAVITHA RANI	FDP ORGANISED BY VIDYA JYOTHI INSTITUTE OF TECHNOLOGY,DEVELOPING POTENTIALS- EMERGING TECHNOLOGIES OF COMPUTER SCIENCE	
41	2020	Mr.M.Balaji	PANTECH	Face Recognition using Deep Learning
42	2020	Mr.M.Balaji	BITS	Artificial intelligence applications though machine learning

43	2020	Mr.M.Balaji	BITS	artificial intelligence applications through machine learning
44	2020	Mr.M.Balaji	VNRVJIET WITH ACM CHAPTER	Essentials of Python Programming
45	2020	Mr.M.Balaji	AICTE	Machine learning and AIML IN DATA SCIENCE
46	2020	Mr.M.Balaji	JNTUH	YOGA
47	2020	ARFA MAHWISH	AICTE Sponsored One Week Short Term Training Program on Web Development with Python Django Framework	
48	2020	ARFA MAHWISH	“CREATING AWARENESS ON ONLINE TEACHING	
49	2020	ARFA MAHWISH	Dart Programming Language	
50	2020	ARFA MAHWISH	Interactivity with JavaScript	
51	2020	ARFA MAHWISH	Blockchain Basics	
52	2020	VOOTLA SRISUMA	NATIONAL LEEVEL WEBINAR ORGANISED BY GOVT. DEGREE COLLEGE FOR WOMEN, JAGITIAL ON SKILLS OF SUCCESS	
53	2020	V.SRISUMA	E-QUIZ ON PROGRAMMING SKILLS ORGANISED BY SHANMUGA INDUSTRIES ARTS AND SCIENCE COLLEGE	
54	2020	V.SRISUMA	INTERNATIONAL WEBINAR ON ROBOTIC PROCESS AUTOMATION ORGANISED BY LITTLE FLOWER DEGREE COLLEGE	
55	2020	V.SRISUMA	NATIONAL WEBINAR ON RECENT TRENDS IN ONLINE TEACHING & DATA TECHNOLOGY ORGANISED BY DEPT. OF ELECTRONIC TECHNOLOGY, LOYALA ACADEMY	
56	2020	V.SRISUMA	NATIONAL LEVEL FDP TITLED CREATION OF WEBINARS DURING COVID-19 PANDEMIC ORGANISED BY DEPT. OF COMPUTER SCIENCE OF LITTLE FLOWER DEGREE COLLEGE	
57	2020	V.SRISUMA	WEBINAR ON SOCIAL NETWORK ANALYSIS THROUGH NODEXL BY DEPT. OF CSE, BHAVAN'S VIVEKANANDA COLLEGE	
58	2020	V. SRISUMA	NATIONAL WEBINAR ON MACHINE LEARNING AND DEEP LEARNING ORGANISED BY DEPT. OF COMPUTER SCIENCE OF KASTURBA GANDHI DEGREE & PG COLLEGE FOR WOMEN	
59	2020	V.SRISUMA	WEBINAR ON CYBER ATTACKS AND MOBILE SECURITY ORGANISED BY AURORA'S DEGREE & P.G. COLLEGE	

60	2020	V.SRISUMA	TWO DAY WEBINAR SERIES ON APACHE SPARK & SMART CITIES ORGANISED BY AURORA'S DEGREE & P.G. COLLEGE	
61	2020	V.SRISUMA	WEBINAR ON ETL TRANSFORMATIONS USING TALEND OPEN STUDIO ORGANISED BY AURORA'S DEGREE & P.G. COLLEGE	
62	2020	V.SRISUMA	WEBINAR ON SOCIAL NETWORK ANALYSIS THROUGH NODEXL ORGANISED BY BHAVAN'S VIVEKANANDA COLLEGE	
63	2021	G.Divya	Python 3.4.3	
64	2021	G.Divya	Applications Of Artificial Intelligences Across Industry Domains	
65	2021	G.Divya	Emerging Trends 2.0	
66	2021	G.Divya	Recent Advancements in Machine Learning and Deep Learning	
67	2021	MD SAJID PASHA	JAVA BASICS	HACKERRANK
68	2021	MD SAJID PASHA	SQL INTERMEDIATE	HACKERRANK
69	2021	MD SAJID PASHA	PYTHON BASICS	HACKER RANK
70	2021	MD SAJID PASHA	PROBLEM SOLVING BASIC	HACKER RANK
71	2021	YEDLLA SATYAM	Internet of Things (IoT)	
72	2021	YEDLLA SATYAM	Faculty Induction Programme	
73	2021	Dr. V. MALSORU	NPTEL	NIL
74	2021	Sadanandam Kalvala	Citation Tools and Techniques	
75	2021	Dr. V. MALSORU	Two Days Seminar on art of writing Research article and journal selection	CIET
76	2021	G.Menaka	problem solving through programming in C	
77	2021	Sadanandam Kalvala	Business Intelligence & Data Analytics using IBM Cognos Analytics & Tableau	
78	2021	Sadanandam Kalvala	A Two-day INTERNATIONAL AI CONGRESS-AIxculture	
79	2021	Dr. V. MALSORU	INTERNATIONAL EXECUTIVE EDUCATION(IEE)	EDUOXIA RESEARCH CENTRE - ERP-2021

80	2021	RAMESH CHEGONI	MULTI TECHNOLOGY	
81	2021	RAMESH CHEGONI	CHALLENGES AND OPPORTUNITIES IN CYBER SECURITY WITH CURREN TOOLS AND TECHNOLOGIES	
82	2021	RAMESH CHEGONI	Data science	-
83	2021	M.BALAJI	ATAL Internet of Things (IoT)	
84	2021	M.BALAJI	ATAL Applications of Machine Learning for Autonomous futuristic Electric Vehicles	
85	2021	G.Divya	Real Time Systems	NPTEL
86	2021	B.KAVITHA RANI	TRAINING CONDUCTED BY MoE's Innovation Cell & AICTE,Innovation Ambassador training (Foundation Level)	
87	2021	Mr.M.Balaji	ATAL	Cyber Security and Incident Analysis: A Practical and Investigative approach
88	2021	Mr.M.Balaji	ATAL	Internet of Things (IoT)
89	2021	Mr.M.Balaji	ATAL	Applications of Machine Learning for Autonomous futuristic Electric Vehicles
90	2021	Mr.M.Balaji	MRIET WITH SUPRAJA TECHNOLOGIES	Ethical Hacking & Cyber Security
91	2021	ARFA MAHWISH	Grant Writing	
92	2021	ARFA MAHWISH	WEBINAR	
93	2021	V.SRISUMA	WORKSHOP ON CONTENT ANALYSIS IN COMMUNICATION RESEARCH ORGANISED BY INTERNAL QUALITY ASSURANCE CELL , SHASUN JAIN COLLEGE FOR WOMEN	
94	2022	Kotha Chandrakala	National Intellectual Property Awareness Mission	NA
95	2022	Dr. V. MALSORU	Webinar - "Converting Research into Patents"	NA
96	2022	Dr. V. MALSORU	INTERNATIONAL ASSOCIATE ENGINEERING (IAENG)	Life Membership of ISTE
97	2022	Sadanandam Kalvala	International Conference on Computational Intelligence & Data Analytics (ICCIDA-2022)	
98	2022	Kotha Chandrakala	Outcome Based Education	NA
99	2022	V. SRISUMA	WORKSHOP ON SOCIAL MEDIA RESEARCH: TOOLS & TECHNIQUE ORGANISED BY IQAC, SHASUN JAIN COLLEGE FOR WOMEN	

PATENTS

S.No	Name Of the Teacher	Patent Applied	Year	Patent Name
1	B.,RamaSubbaReddy;M.,SunilKumar;Srinivas,Konda;Rani,BalmuriKavitha;M.,VaraprasadRao;Patra,RajKumar;D.,AnjiReddy;Ampavathi,Anusha;G.,Madhukarand Rage, Kiranmai	Lymph node metastases detection from CT images using deeplearning.	2020	1 .Commission erofPatents,A ustralia.
2	TS Mastan Rao, Srinivas Konda, G.Syam Prasad, Vijaya Kumar K, Rajesh Pasupuleti,Sk.WasimAkram,VenuBabuRachapudi,MulaMalyadri,KavithaRaniBalamuri	ASystem for Ranking Products Across E-Commerce Sites Based on Weighted FacetSearch Along With Validated Reviews	2018	
3	K. Srujan Raju, K. Srinivas, M. Varaprasad Rao, B. Kavitha Rani, S. C. Satapathy	Method for Enhancing Security and Maintaining Internet of Things Networks	2017	
4	M.JangaReddy,K.Srinivas,B. KavithaRani	SystemandMethodforProvidingInformationSecurityofLocalArea Network	2017	

MOU'S Courses: (NPTEL/Coursera)

Faculty

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Automation AnyWhere Inc.	CMR Technical Campus, Hyderabad	2020	3 Years	1. Placement training activities conducted	No of students: 480, No of teachers: 63
BlackBuck Engineers Pvt. Ltd.	CMR Technical Campus, Hyderabad		3 Years	1. Conducted Programmes under IIC, CMRTC, related to establishment of incubation center and Center for Artificial Intelligence and Emerging Technologies 2. Training 3. Internships 4. Certifications 5. Entrepreneurship related events 6. Placement assistance	No of students: 480, No of teachers: 63
Orbit Shifters India Pvt. Ltd.	CMR Technical Campus, Hyderabad	2020	2 Years	1. Activities conducted related to Upgrading skills of faculty and students	No of students: 480, No of teachers: 63
Global Tree Careers Pvt. Ltd.	CMR Technical Campus, Hyderabad	2019	5 Years	1. Career Counselling activities conducted	No of students: 480, No of teachers: 63
IDEALABS FutureTech Ventures	CMR Technical Campus, Hyderabad	2018	To be continued until termination by prior notice	1. Conducted Bootcamps and Hackathons 2. Conducted product development programmes, Certification programmes and entrepreneurship development	No of students: 480, No of teachers: 63

				programmes	
Connect KX	CMR Technical Campus, Hyderabad	2020	3 Years	1. Conducted remote theoretical and practical training sessions 2. Conducted International workshops, Hackathon and paper presentation activities	No of students: 480, No of teachers: 63
Suntek Corp. Solutions	CMR Technical Campus, Hyderabad	2018	2 Years	1. Placement training activities	No of students: 480, No of teachers: 63
UCL Technologies Ltd.	CMR Technical Campus, Hyderabad	2016	To be continued until termination by prior notice	1. Skill development activities 2. Faculty development programmes 3. Guest lectures	No of students: 480, No of teachers: 63
Vaagdevi Info Solutions Pvt. Ltd.	CMR Technical Campus, Hyderabad	2017	2 Years	1. Training on agile software development	No of students: 480, No of teachers: 63
RPG Foundation	CMR Technical Campus, Hyderabad	2019	3 Years	1. Training for improving skills of the students	No of students: 480, No of teachers: 63

Faculty Achievements

Faculty Achievements

Sl. No	Name of Faculty	Achievements
1	Dr. V. MALSORU	Awarded Doctorate in Computer Science and Engineering in 20 th Dec. 2021 from JNTUH Hyderabad
2	Dr. V. MALSORU	Secure Elite certificate from NPTEL for the course "Big Data Computing" in October 2021.
3	Dr. V. MALSORU	Secure certificate from NPTEL for the course "Cloud Computing and Distributed Systems" in April 2022.

COURSE OUTCOMES FOR R20 REGULATION

II YEAR

20MA301BS: Statistical and Numerical Methods
20CS302PC: Data Structures using C
20CS303PC: OOPS Through Java
20CS304PC: Theory of Computation
20EC305PC: Analog and Digital Electronics
20CS306PC: OOPS Through Java Lab
20CS307PC: Data Structure using C Lab
20EC308PC: Analog and Digital Electronics Lab
20MC309GS: Gender Sensitization Lab
20CS401PC: Database Management Systems
20CS402PC: Programming with Python
20CS403PC: Design Analysis & Algorithms
20CS404PC: Operating Systems
20CS405PC: Computer Organization
20CS406PC: Python Lab
20CS407PC: DBMS Lab
20CS408PC: OS Lab (Using UNIX/LINUX)
20MC409CI: 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 (Professional Elective - 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)

Activity report 2021

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

NCC RISING DAY

On 5th February 2021, CMR Technical Campus has been approved by NCC Directorate AP & TELANGANA under out of turn allotment on Fully Self-Financed Scheme (FSFS) with the strength of 100 and the institution has been allotted the “FSFS Flight No 01”. The unit allotted to our institution is 2(T) Air Sqn (Tech) NCC.

SWATCH BHARATH ABHIYAN



On 10th February 2021, NCC cadets of CMR Technical Campus performed statue cleaning program of the statue of Mahatma Gandhi in the Kandlakoya Village. Respected Director of CMRTC Dr. A. Raji Reddy Director of CMR Technical Campus participated in the event and made the event successful.

PARIKSHA PE CHARCHA



2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

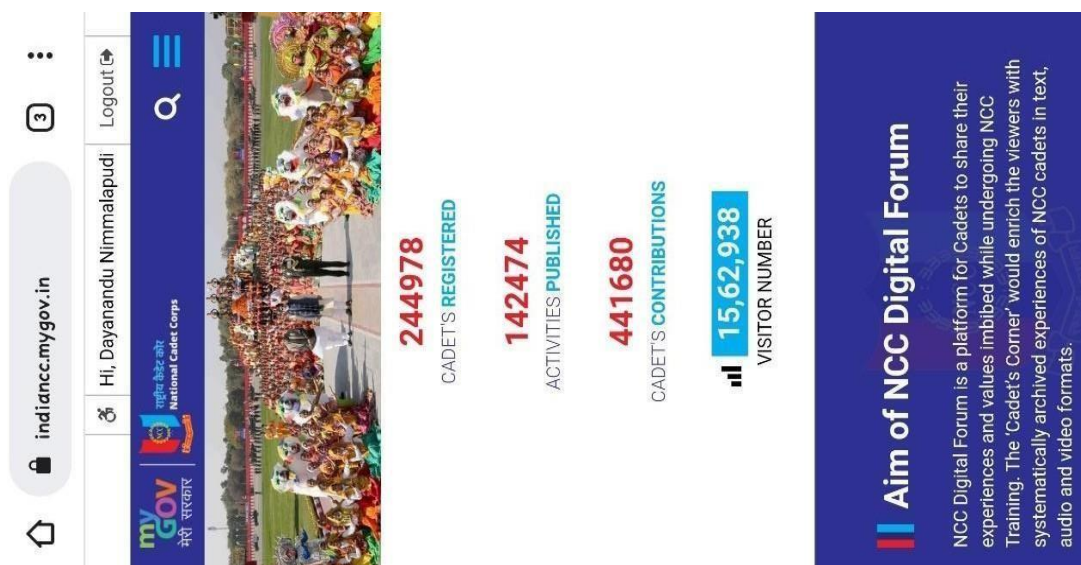
Pariksha Pe Charcha is an online virtual event conducted by the honourable prime minister of India Narendra Modi in the online Mode in on 7th April 2021. The Cadets took part in that and received certificates. VOLUNTEER CADETS FOR EXERCISE NCC YOGDHAN This was a virtual event conducted by the Ministry of Health to inculcate the citizens of India about the Importance and safety precautions of COVID-19. This event was conducted in the November month of 2021. National Cadet Corps (NCC) has offered a helping hand to civilian authorities in the country's fight against COVID-19 by extending the services of cadets under „Exercise NCC Yogdan“. It has issued guidelines for temporary employment of its cadets to augment relief efforts and functioning of various agencies involved in battling the pandemic. The Cadets actively involved in organising various social service activities like medicine distribution, food donation.

COVID – 19 TRAINING FOR NCC CADETS



This event was conducted from 19th may 2021 to 21st may 2021 in the virtual mode in the DIKSHA APP. The ministry of health and defence launched a new application through which NCC can learn the training and educate themselves about the safety precautions of COVID – 19 viruses. All the Cadets actively participated in the event.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS
DIGITAL FORUM REGISTRATION



Aim of NCC Digital Forum NCC Digital Forum is a platform for Cadets to share their experiences and values imbibed while undergoing NCC Training. The „Cadet’s Corner“ would enrich the viewers with systematically archived experiences of NCC cadets in text, audio and video formats. This event was virtually done on 13th April 2021 and the Cadets shared their experiences and gained knowledge about the activities.

INTERNATIONAL YOGA DAY



Recognizing its universal appeal, on 11 December 2014, the United Nations proclaimed 21 June as International Yoga Day by resolution 69/131. June 21, The Cadets performed YOGA in their houses and the same was uploaded in the NCC Digital forum. The Cadets inspired the parents and neighbour to perform yoga and explained the merits and strengths of yoga both physically and mentally. This is performed virtually due to the Pandemic of COVID-19 on 21st June 2021.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

KARGIL VIJAY DIVAS



Kargil Vijay Diwas is celebrated on 26 July every year in honour of the Kargil War's Heroes. This day is celebrated in the Kargil– Dras sector and the national capital New Delhi, where the Prime Minister of India pays homage to the soldiers at Amar Jawan Jyoti at India Gate every year. This event was Celebrated Virtually due to the Pandemic of Covid – 19.

FLAG HOISTING CEREMONY (INDEPENDENCE DAY)



On the occasion of 75th Independence Day, flag hoisting ceremony was done at CMR technical Campus. The honourable Chairman of CMR group of institutions hoisted the flag and glimpsed the event.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

FIT INDIA FREEDOM RUN 2.0



Towards achieving this mission, Fit India proposes to undertake various initiatives and conduct events to achieve the following objectives: To promote fitness as easy, fun and free. To spread awareness on fitness and various physical activities that promotes fitness through focused campaigns. To encourage indigenous sports. This event was virtually conducted on 05th October 2021.

IGC-RDC 2022



On 11th September 2021, the preliminary selections for the Republic Day Camp 2022, to be held at the Kariyappa Grounds, New Delhi. Total 07 cadets of NCC CMR technical Campus were selected in the IGC-RDC 2022.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

ANTI-PLASTICS PLOG RUN 2021



On 28th September 2021, the event named Anti Plastics Plog run was organised by the NCC cadets of CMR Technical Campus in kandlakoya village to bring the awareness of plastic among the citizens of country.

CLEAN INDIA CAMPAIGN



On 21st November 2021, Clean India Campaign was conducted to bring the awareness about the cleanliness of society among the citizens and students.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

FELICITATION CEREMONY FOR THE REALWAR HEROES OF INDO-PAK



On 31st October 2021, 1971 Indo-Pak War Hero's & Amazing Air Veterans Felicitation ceremony was held at Ravindra Bharathi, the Honourable Governor of Haryana Shri. Bhandaru Dattatreya garu had made the event successful.

GANGA UTSAV (A RIVER FESTIVAL)



On 05th November 2021, The NCC cadets of CMR technical campus had organised Ganga Utsav on the theme of Clean Water Bodies and cleaned the lakes in Medchal area. under the mission CLEAN GANGA.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

HOMAGE TO ALL BRAVE HEARTS



On 09th November 2021, NCC cadets of CMR technical campus organised a Homage Program for remembering the brave-hearts who laid down their lives safeguarding the nation as part of the AZADIKA AMRIT MAHOTSAV whom we lost in the Helicopter Accident.

ORPHANAGE VISIT



On 10th December 2021, NCC cadets of CMR technical campus visited the Spoorthi Foundation, the home of orphans at Gowdavelli. They distributed the snacks and candies and played with the orphans.

2 (T) AIR SQN (TECH)
NCC SECUNDERABAD GROUP
AP & TELANGANA DIRECTORATE
CMR TECHNICAL CAMPUS

ORIENTATION PROGRAM FOR NEWLY RECRUITED NCC CADETS



On 10th December 2021, NCC CMRTC organised an orientation program for the Newly recruited NCC cadets.

BLOOD DONATION CAMP



On 29th December 2021, a blood donation camp was organised in our college. It was held in the CMR Hospital. NCCcadets of CMR technical campus come out in large numbers to volunteer for blood donation.
















STUDENTS PLACEMENT










Department of Information Technology
CMR TECHNICAL CAMPUS
Kandlakoya (v), Medchal Road, Hyderabad-501401








PLACEMENT SUMMARY IN THE YEAR 2021-22

Total Students Placed – 37 in various companies




S. No	Name	Roll No	Photo	Company	Package
1	G Supraja	187R1A1222		OpenText/ Capgemini/ Virtusa/TCS/ Wipro/ Intellect design arena	8LPA/4LP A/4LPA/3 .36/3.5LP A/5LPA
2	K. KEERTHANA	187R1A1234		Capgemini/ Accenture	4 LPA/ 4.5 LPA
3	D Santhosh	187R1A1219		Accenture/Wip ro	4.5LPA/ 3.5LPA
4	Revanth Mekala	197R5A1201		Accentu re	6.5 LPA
5	Deepak Chand	197R5A1203		Accentu re	4.5 LPA

6	Vashistha Gadipelli	187R1A1259		Wipro	3.5 LPA
7	U.Rajesh	187R1A1257		Capgemini/ Accenture	4 LPA/ 4.5 LPA
8	J. RUCHITHA REDDY	187R1A1231		Capgemini/ Accenture	4 LPA/ 4.5 LPA
9	M. KEERTHI	187R1A1244		Capgemini/ Accenture	4 LPA/ 4.5 LPA
10	J Raviteja	187R1A1229		Accenture/TC S/Wipro	6.5LPA/ 3.36LPA/ 3.5LPA
11	H. Bharath	187R1A1228		Intellect design arena	5 LPA
12	G. Vishal	187R1A1223		Capgemini	7.5 LPA
13	V. MAHIGNA REDDY	187R1A1224		Accenture	4.5 LPA

14	P.Jahnavi	187R1A124 9		Accenture/Wipro/ Cognizant	4.5LPA/ 3.5LPA/ 4LPA+B onus
15	Ch.Manohar	187R1A121 1		Accenture/ Intellect design arena	4.5 LPA 5 LPA
16	G. MEGHANA	187R1A12 26		Capgemini/ Accenture	4 LPA/ 4.5 LPA
17	Srinidhi Vodeti	177R1A125 8		Accenture	4.5 LPA
18	G. Nithin Reddy	187R1A121 2		Virtusa/ Accenture/ Off Virtusa	4.5LPA/ 6.5 LPA/ 6.5LPA
19	P.Amulya	187R1A125 0		Capgemini/Wip ro/Cognizant	4 LPA/ 3.5LPA/ 6.5LPA
20	B.Akhil	187R1A120 5		Capgemini/ Cognizant	4LPA/ 4LPA+B onus
21	Ch.Sahithi	187R1A12 10		Capgemini/Wipro	4 LPA/ 3.5 LPA
22	G Nikitha	187R1A12 20		Wipro/TCS/ Cognizant	3.5 LPA/ 3.36 LPA 4LPA

23	Sowmya Sri Tarlada	187R1A125 8		Wipro/TCS/ Accenture/ Cognizant	3.5LPA/ 3.36 LPA/ 4.5LPA/ 4LPA
24	Thautam Anu Rag	177R1A1253		Wipro/Accent ur	3.5 LPA /4.5LPA
25	Rakesh.K	187R1A12 38		Capgemini	7.5 LPA
26	K.Akshaya	187R1A1232		Capgemini	7.5 LPA
27	P.Swetha	187R1A1253		Accenture/ Hexaware Tech lid	4.5 LPA/ 3.5 LPA
28	L.Krishnapriya	187R1A1240		QuestGlobal/ Cognizant	3.25 LPA/ 4LPA
29	Riya Hirpara	187R1A1242		Cognizant	4LPA

30	B.Ankith reddy	187R1A1207		Cognizant Wipro	4LPA 3.5LPA
31	K.Shivashankar	197R5A1205		Cognizant	4LPA
32	K.AKHIL VARDHAN	187R1A1235		Cognizant	4LPA
33	B.Greeshma	187R1A1208		Cognizant	4LPA
34	B.anusha	187R1A1206		Cognizant/ Capgemini	4LPA/ 4LPA
35	L.CHAITHANYA	187R1A1241		Cognizant	4LPA
36	KLS.Srividya	187R1A1218		Cognizant	4LPA

37	N.jithendra	187R1A1230		Cognizant	4LPA
38	D.Swathi	187R1A1216		Cognizant	4LPA
39	B.Pravalika	187R1A1201		Cognizant/ Zensark Technologies	4LPA 3.6LPA

NSS Activities

List of events conducted in 2021

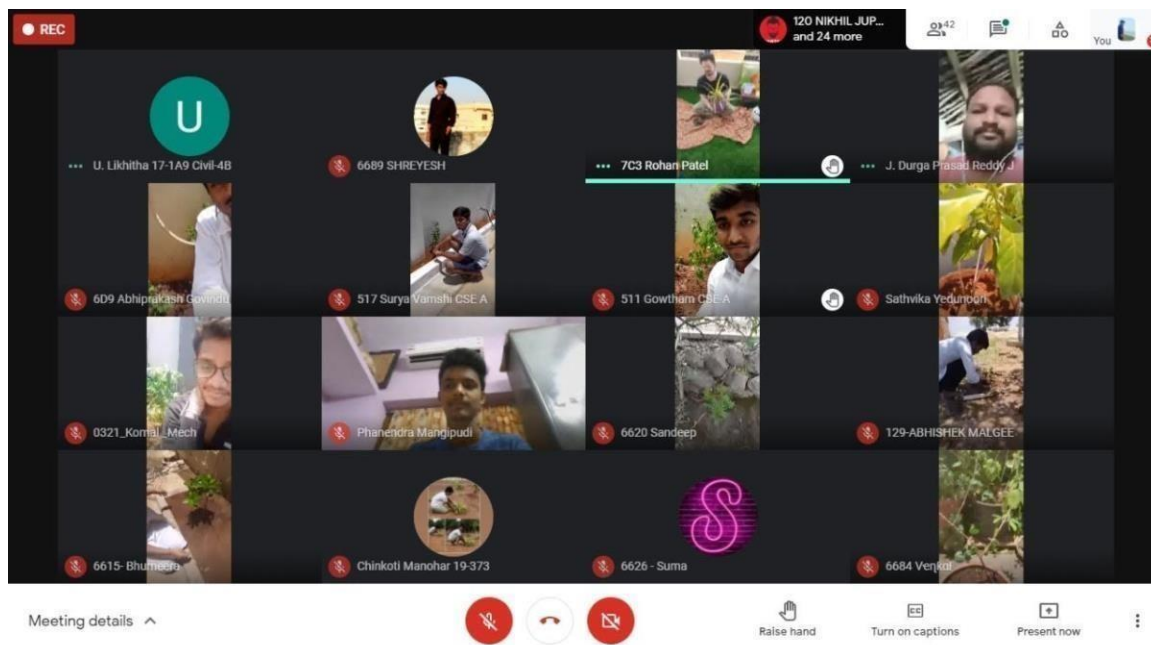
S.NO	ACTIVITY	DATE
1	ORIENTATION DAY	JUNE 1
2	ENVIRONMENTAL DAY	JUNE 5
3	WORLD DAY AGAINST CHILD LABOUR	JUNE 12
4	YOGA DAY	JUNE 21
5	HARITHA HARAM	JULY 10
6	MASK DISTRIBUTION	JULY 17
7	CORONA AWARENESS	NOV 17
8	SWACHH BHARATH	NOV 21
9	COVID 19 VACCINATION DRIVE	DEC 29

ORIENTATION DAY

NSS Unit of CMRTC organized orientation program for newly enrolled students. The program was conducted in online mode on June 1, held between 9:00 AM-11:00 PM. About 60 existing and around 200 new volunteers participated in the program. The various activities taken up during the orientation program included:

1. Introductory presentation about NSS events organised and conducted in the previous academic year.
2. Enrolment of 2nd year students.
3. Rules and regulations to be followed by the volunteers.
4. Motivational speech to encourage social work and role of NSS Unit.
5. Senior volunteers shared their experience working with NSS unit.
6. The discussion on upcoming programmes for the academic year 2021-2022.

The program ended with vote of thanks.



ENVIRONMENTAL DAY

On the occasion of World Environment Day NSS UNIT CMRTC conducted a TREE PLANTATION program with NSS club members. The program was inaugurated by our NSS Programme officer J. Durga Prasad Reddy at 11am virtually on June 5, 2021. NSS members planted the saplings at respective places by taking safety precautions in this pandemic situation. The program was successfully conducted with the active co operation of students and the members of NSS Club had managed to plant more than 50 saplings. The Program ended with vote of thanks.







TREE PLANTATION PROGRAM



WORLD DAY AGAINST CHILD LABOUR

On 12 June 2021, NSS units of CMR TECHNICAL CAMPUS, Kandlakoya , Medchal observed the World Day Against Child Labor. Volunteers made posters regarding child labor and circulated among volunteer groups. All the volunteers made a posters and posted on social media accounts and the best among them was awarded with a prize. At last the NSS program officer spoken few words about childlabour and how to prevent child labour.






Say **No To Child Labour & **Yes** To Quality Education**

Let Us Give Them Back Their Innocent Smiles

#Worlddayagainstchildlabour

 /cmrtechnicalcampus

www.cmrtc.ac.in

YOGA DAY

NSS Unit of CMRTC was celebrated a festival of yoga and wellbeing on the occasion of the International Day of Yoga on 21 June 2021, with great enthusiasm and it was conducted in a virtual mode. Almost 80 participants took part in that event. All the NSS Volunteers, teaching and non teaching staff members of the institute, and students participated in the event. Participants of all age groups participated in the event with great enthusiasm.

Following are the list of activities organized :

1. Common Yoga Practice

2. Seminar on “Yoga and its importance in our life”.



HARITHA HARAM

Haritha Haram Program organized by National Service Scheme (NSS) Club. The program was inaugurated by our NSS Programme officer J. Durga Prasad Reddy , Sri.CH. Malla Reddy Minister, Sri. C. Gopal Reddy Chairman, Dr. A. Raji Reddy Director, at Kandlakoya premises at 9:30am on July 10, 2021. NSS members planted the saplings by taking safety precautions in this pandemic situation.

The program was successfully conducted with the active co operation of students and the members of NSS Club had managed to plant more than 200 saplings. The Program Officer of the NSS CLUB ended with vote of thanks.

A promotional poster for the Haritha Haram event. The background is a lush green forest. At the top, the text '10 JULY' is displayed in large, white, stylized letters. A green tree is positioned behind the number '0'. Below this, the text 'Haritha Haram' is written in a bold, white font, followed by '9.30 am | 10-07-2021'. In the center, the text 'OUR PANELISTS:' is written in white. Below this, four circular portraits of the panelists are shown. Each portrait is accompanied by the name and title of the panelist in white text. At the bottom, the text 'JOIN US IN KANDLAKOYA VILLAGE' is written in white. In the bottom left corner, there is an Instagram icon followed by the handle '/nss_cmrtc'.

SRI .CH Malla Reddy
Minister



Sri C Gopal Reddy
Chairman,CMRTC



Dr. A. Raji Reddy
Director



J Durga Prasad Reddy
NSS PROGRAMME
OFFICER



/nss_cmrtc

MASK DISTRIBUTION

NSS volunteers of CMRTC organized an awareness campaign for COVID-19 precautions on July 17 in virtual mode. Distribution of masks was done by the volunteers at their respective places. The mask distribution and COVID awareness campaign was organised in their respective places. 500 masks were distributed to the needy as well as the ignorant people passing by the road. NSS program officer J.DURGA PRASAD coordinated the event and deeply appreciated the efforts of the NSS volunteers and encouraged them to be active in such activities of social cause.



CORONA AWARENESS

Due to increase of CORONA we volunteers went to school at Bangla venkatapur village and had an interactive session(17-11-21) with school students and faculty regarding corona virus. Program officer of NSS unit delivered a speech regarding COVID-19 and volunteers gave presentation and played videos .We have an excellent interactive session with the students regarding exam preparations. We even encouraged students to participate in events actively. We interacted with Principal regarding necessary requirements for students and the performance in exams. And we distributed masks and sanitizers to the students.





పల్లె ప్రజల్లో సామాజిక స్ఫూర్తి నింపిన విద్యార్థులు



- సీఎం దత్తత గ్రామంలో అవగాహన
- సీఎంఆర్ విద్యార్థులతో జతకట్టిన 'డీఆర్ఎస్' విద్యార్థిని

మేడ్చల్ రూరల్: సమాజంలో మార్పు కోసం ఓ విద్యార్థిని నడుం బిగించింది. పల్లె బాట పట్టి ప్రజలకు పలు అంశాలపై అవగాహన కల్పిస్తూ సామాజిక స్ఫూర్తిని నింపింది. డీఆర్ఎస్ పాఠశాల ఐటీ డీపీ విద్యార్థిని అంజలి కృష్ణ.. కండ్లకోయ గ్రామ పరిధిలోని సీఎంఆర్ టెక్నికల్ కళాశాల విద్యార్థులతో జతకట్టింది. సీఎం కేసీఆర్ నియోజకవర్గంలోని బంగ్లా వెంకటాపూర్ గ్రామంలో కళాశాల ఎన్ ఎస్ఎస్ బృందంతో కలిసి రెండు రోజుల పాటు గ్రామస్తులకు, పాఠశాల విద్యార్థులకు అవగాహన కార్యక్రమాలు నిర్వహించారు. మొదటి రోజైన మంగళవారం గ్రామంలో స్వచ్ఛభారత్ కార్యక్రమం నిర్వహించి పాఠశాల, దేవాలయాలు, ప్రధాన వీధుల్లో పరిసరాలను, రోడ్లను శుభ్రం చేశారు. రెండవ రోజు బుధవారం ప్రభుత్వ పాఠశాల విద్యార్థులకు కోవిడ్ వ్యాప్తి, నియంత్రణపై ప్రజెంటేషన్ ద్వారా అంజలికృష్ణ అవగాహన కల్పించారు. అనంతరం విద్యార్థులకు మాస్కులు, శానిటైజర్లు పంచి కరోనా డిజిట్లను ఉచితంగా అందజేశారు.

బంగ్లా వెంకటాపూర్లో పర్యటించిన విద్యార్థులు



విద్యార్థులకు అవగాహన కల్పిస్తున్న అంజలికృష్ణ



అవగాహన కల్పించి

చైతన్యపరచాలి

కరోనా విపత్కర పరిస్థితుల్లో ప్రజలు తీసుకోవాల్సిన జాగ్రత్తలపై అవగాహన కల్పించేందుకే సామాజిక బాధ్యతగా బంగ్లా వెంకటాపూర్ గ్రామంలో సీఎంఆర్ ఎన్ఎస్ఎస్ విద్యార్థులతో కలిసి అవగాహన కార్యక్రమాలు చేపట్టాను. పరిసరాల పరిశుభ్రత ప్రతి ఒక్కరి బాధ్యత అని అందరూ గుర్తించాలి. గ్రామాల్లోని ప్రజలకు అవగాహన కల్పించి వారిని చైతన్యపరచాలి.

- అంజలి కృష్ణ, విద్యార్థిని, డీఆర్ఎస్, స్కూల్

SWACHHBHARATH

We conducted SWACHHBharath program on the adopted village on 21-11-21 .The main objective is to accelerate efforts to achieve sanitation coverage, improve cleanliness ,separation of dry and wet waste and eliminate open defecation. The stakeholders Bapu Reddy (Sarpanch), J.Durga Prasad (NSS programme officer) and other influential members of community visited village and spoke few words regarding development of village We conducted campaign that aims to clean up streets, roads, temple, and infrastructure of village.



Covid-19 Vaccination Programme

In the view of Covid-19 pandemic the CMR HOSPITAL have sponsored to organize vaccination programme for college staff members in order to keep them protected from corona virus.

Covid-19 Vaccination programme was organized for the staff members and students of CMR COLLEGE on 29.12.2021. Around 50 staff members and 400 students were given Covaxin & Covishield as vaccine 1st & 2nd doses as per their vaccination schedule. Later on they were asked to follow the suggestions as per doctor's advice.

NSS program officer J.Durga preasad reddy have given their full support to the vaccination programme in every which way.



CMR TECHNICAL CAMPUS
(UGC AUTONOMOUS)
KANDLAKOYA, MEDCHAL, HYDERABAD, TELANGANA, INDIA-501401
Under National Service Scheme (NSS)
“Free Vaccination Camp”
In Association with
CMR Hospital, Kandlakoya
Date : 29-12-2021
VENUE: CMR TECHNICAL CAMPUS



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