CMR ENGINEERING COLLEGE
UGC AUTONOMOUS

CMR ENGINEERING COLLEGE

Approved by AICTE* Affiliated to JNTUH * Accredited by NBA * Accredited by NAAC
Kandlakoya (V), Medchal Road , Hyderabd – 501 401

www.cmrec.ac.in E-mail: csehod@cmrec.ac.in

July – Dec. 2019 **CSENAPSE** Volume-14

Department of
COMPUTER SCIENCE AND ENGINEERING

Our Sincere Thanks to

Chairman: **Sri. Ch. Narsimha Reddy**
Vice-chairman : **Sri. Ch. BhoopalReddy**
Secretary: **Sri .Ch. Srisailam Reddy**
Principal: **Dr. A. Srinivasula Reddy**
Hod-cse: **Dr.Sheo kumar**

Our Motto is "Think Placement Think CMR"

Message From Management

Sri. Ch. Narsimha Reddy
Chairman

I am delighted to know that CSE Deptartment Newsletter CSENAPSE carrying its dept. news and achievements of its staff and students who earn credits for the institution is begin released. It was our own wish to reach out to teachers, parents,students, all our friends and well wishers to provide a breif insight into ourprograms and activities on this gracious occasion.

Sri. Ch.Bhoopal Reddy
Vice- Chairman

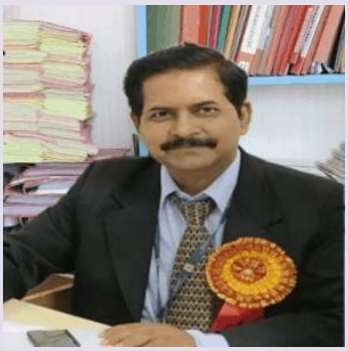
The newsletter provides a platform for communicating among the members playing a key role in supporting the institution to fulfill its objectives. I'm very excited to offer you this news letter we hope that updates in our institution will keep you informed and connected.

Sri. Ch.Srisailam Reddy
Secretary& Correspondent

Its my great pleasure to extend heartfelt greetings to the leaders of the first issue of the newsletter of CSE Dept. I convey my hearty greeting and warm wishes to all the staff and students of CSE Dept, CMREC for their excellent performance during this academic year 2019-20. In a short span of time our college had achieved tremendous accolades and has shown immaculate skill in countering the challenge in engineering field. I congratulate all the students and staff for having reached their heights of performance.

Dr.A.Srinivasual Reddy
Principal

It gives me immense pleasure to release the Newsletter of CSE Department. A newsletter is excellent information between the college and the outside world. I convey my best wishes to the faculty and the students of CSE Dept. and wish that they Contiue good work in the field of technology



Dr.Sheo Kumar
HOD-CSE

It gives me immense pleasure to the Newsletter of CSE Department, CSENAPSE. I am extremely happy in releasing this newsletter which highlights the activities conducted by our dept in this Academic Year 2019-20. I congratulate all the faculty members on their sincere endeavors for their Professional Dept and achieving excellence.

Dr. C.N. Ravi
Professor & Dean

Dr. C.N Ravi is having 22 years of experience in Teaching and 2 years of experience in Industry and he done PhD from Bharath University, Tamilnadu with specialization in Data Mining. He had published 12 papers in various International and National Journals. In addition to that he attended several conferences and workshops

About the Department

Established in the year 2010, the department has B.Tech degree in Computer Science & Engineering with an intake of 240 and Master's Degree in Computer Science & Engineering with an intake of 24. It has the sophisticated and necessary infrastructural facilities required for imparting high quality education and the department is completely well structured to meet the contemporary needs of the industry. Imparting high quality education is supported by well qualified and experienced faculty; further support is extended by technically skilled and competent programmers. Seminars, Workshops are conducted in the department to keep faculty and students updated with latest developments in various technologies. The students in the department are moulded into competent software professionals, to face the challenges of the Computer Science and Information Technology sectors

ABOUT CMREC

CMR Engineering College, popularly known as CMREC, was Established in 2010 ina vast area of 10 acres and a built up area of 1, 75,000 sq.ft.. The college is affiliated to JNTU Hyderabad and is approved by All India Council for Technical Education, New Delhi.

The college provides a perfect ambience of aesthetically designed buildings. CMR Engineering College (CMREC) is situated on Hyderabad – Nagpur highway(NH7), tucked away from the hustle and bustle of the city and possessing halcyon surrounding. The college is an urban green lung with awe inspiring Wi-Fi enabled infrastructure, well ventilated classrooms, laboratories to foster technological skills, and libraries where books span time, space, culture and genre. To aid the process of learning we have a state-of-art auditorium where various events are conducted to showcase the creative flair of the students. As a provision for physical fitness, the college also has a sports field and indoor stadium.

CMREC was started with 300 seats with the Bachelor Degree in Engineering Programme, the institute now has total intake of 860 by offering four Under Graduate Courses in ECE, CSE, IT and MECH and four Post Graduate Courses in CSE, ES, VLSI, & TE. CMREC's beautiful facility and rich campus is distinctively different from other college campuses across Hyderabad because of the dynamic community of supportive peers, caring and mentoring professors, and friendly staff who work here with commitment. It is an ideal setting for scholastic dedication, pleasant interaction and unbounded pragmatic exploration.

Institutional Vision and Mission

VISION OF THE INSTITUTION:

- To be recognized as a premier institution in offering value based and futuristic quality technical education to meet the technological needs of the society.

MISSION OF THE INSTITUTION:

- To impart value based quality technical education through innovative teaching and learning methods
- To continuously produce employable technical graduates with advanced technical skills to meet the current and future technological needs of the society
- To prepare the graduates for higher learning with emphasis on academic and industrial research

About Vision and Mission

If You Think of Vision and Mission as an Organization's Head and Heart, the Values it holds are its Soul.

--- Buzotta

CSE Department Vision and Mission are articulated in line with theVision and Mission of our institution.

Department Vision

To produce globally competent and industry ready graduates in Computer Science & Engineering by imparting quality education with the know-how of cutting-edge technology and holistic personality.

Department Mission

1. To offer high-quality education in Computer Science & Engineering in order to build core competence for the graduates by laying a solid foundation in Applied Mathematics and program framework with a focus on concept building.
2. The department promotes excellence in teaching, research, and collaborative activities to prepare graduates for a professional career or higher studies.
3. Creating an intellectual environment for developing logical skills and problem-solving strategies, thus developing and proficient computer engineers to compete in the current global scenario.

Program Educational Objectives (PEOs)

PEO1: Excel in professional career and higher education by acquiring knowledge of mathematical computing and engineering principles.
PEO2: To provide an intellectual environment for analyzing and designing computing systems for technical needs.
PEO3: Exhibit professionalism to adapt current trends using lifelong learning with legal and ethical responsibilities.
PEO4: To produce responsible graduates with effective communication skills and multidisciplinary practices to serve society and preserve the environment.

Program Outcomes (POs)

Engineering Graduates will be able to satisfy these NBA graduate attributes:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

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

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Program Specific Outcomes (PSOs):

PSO1: Professional Skills and Foundations of Software development: Ability to analyze, design and develop applications by adopting the dynamic nature of Software developments.

PSO2: **Applications of Computing and Research Ability:** Ability to use knowledge in cutting edge technologies in identifying research gaps and to render solutions with innovative ideas.

Computer Labs

Computer Organization lab

Case tools & Web Technology lab

DS through C++ lab

Data Warehouse and Data Mining lab

Linux Programming lab

Operating System lab

IT Workshop lab

OOPS through Java & DBMS lab

Internet Technologies &Service lab

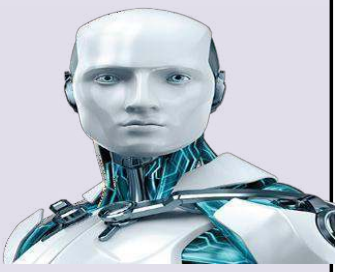
Student Activities Council

College is about seeing things from a fresh perspective. Opening our eyes to more than just studies. The SAC brainstorms all kinds of interesting and unique programs, events and services that make the campus feel alive - with a mindful eye to diversity at all times. Most of what we plan will change your life for the better in social, physical, intellectual or emotional ways. Our campus is inspiring. The SAC works hard to keep it that way.

We are organizing three clubs under Students Activities Council:

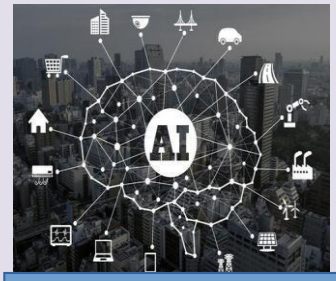
1. Robotics Club
2. Artificial Intelligence Club
3. Coding Club

Robotic Club



The Robotics Club is designed to inspire young people to be science and technology leaders by engaging them in exciting mentor-based programs. These programs will build science, engineering, and technology skills that inspire innovation and that foster well-rounded life capabilities that include self-confidence, communication, and leadership. Through participation in this club, we will create problem solvers and develop skills for computer work, collaboration, as well as programming and robotics

Artificial Intelligence Club



Our club helps students from a variety of backgrounds develop a practical understanding of computational intelligence (AI) and work together to apply programming techniques to games, robotics, or any other AI-related project you can think of. We are currently a small and upcoming club on campus, consisting of students from a variety of degree programs interested in sharing a better understanding of artificial intelligence (AI) problems, techniques for implementing their respective solutions, and keeping abreast of current developments in the domain.

Coding Club

The Coding Club is designed to inspire young people to be science and technology leaders by engaging them in exciting mentor-based programs. These programs will build science, engineering, and technology skills that inspire innovation and that foster well rounded life capabilities that include self-confidence, communication, and leadership. Through participation in this club, we will create problem solvers and develop skills for computer work, collaboration, as well as programming with various programming

Computer Society of India

The seed for the Computer Society of India (CSI) was first shown in the year 1965 with a handful of IT enthusiasts who were a computer user group and felt the need to organize their activities. They also wanted to share their knowledge and exchange ideas on what they felt was a fast emerging sector. Today the CSI takes pride in being the largest and most professionally managed association and for IT professionals in India. The purposes of the Society are scientific and educational directed towards the advancement of the theory and practice of computer science and IT. The organization has grown to an enviable size of 100,000 strong members consisting Scientists, Academicians, Project Managers, CIO's, CTO's & IT vendors to just name a few. It has spread its branches all over the country. Currently having more than 500 students branches and rooted firmly at 79 different locations, CSI has plans of opening many more chapters & activity centers In smaller towns and cities of the country. The idea is to spread the knowledge, and provide opportunities to as many interested candidates as possible.

Educational Institution Membership Number: 101937

Number of Students Registered CSI

S.NO	Academic year	No of Students Registerd
1	2018-2019	133
2	2017-2018	126
3	2016-2017	126
4	2015-2016	82
5	2014-2015	91
6	2013-2014	10

Indian Society For Technical Education (ISTE)

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. At present, ISTE has a very large and an effective membership base consisting of more than 1,02,985 Life Members, 5,54,094 Student Members, 2410 Institutional Members (including IITs, IISc.., NITs and other leading technical institutions), 1214 Faculty Chapters and 1322 Students' Chapters and 17 Sections throughout the country.

Workshops and Guest lectures Attended under CSI

S. No	Event	Date	Topic	No. of participants
1	Guest Lecture	07-08-2019	SWITCHING CIRCUITS AND ROUTING ALGORITHMS	213
2	Workshop	04-09-2019	DATA SCIENCE	73

GUEST LECTURE
ON
"SWITCHING CIRCUITS AND ROUTING ALGORITHMS"
BY
CSI CHAPTER HYDERABAD

Date of Event : 07-08-2019

Guest Speaker : Mr. B. Murali Krishna, Professor, in CSE Department from Matrusree Engineering College

No of Participants 213

Participants : III CSE Students

COMPUTER SOCIETY OF INDIA
ESTD. 1965
सर्वे भवन्तु सुखिनः
CMR
EXPLORE TO INVENT
Guest Lecture on
Switching Circuits & Routing Algorithms
in Association with CSI
Date : 07-08-2019
Venue: Block-II, Seminar Hall
ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
CMR ENGINEERING COLLEGE
Approved by AICTE, Affiliated to JNTUH, Accredited by NAAC and NBA,
Kandlakoya,(V)Medchal (M), Hyderabad - 501 401. Telangana. INDIA. Tel: 92487 27229

WORKSHOP ON
"DATA SCIENCE"
BY
CSI CHAPTER HYDERABAD

Date of Event : 04-09-2019

No of Participants : 73

Guest Speaker : Mr. M. Surya Teja, ML Engineer

Participants : **III CSE Students**

Report:

Mr. M. Surya Teja, ML Engineer was the Speaker for the Guest Lecture program. Having more than two years of experience in developing proof of concept IOT and Machine Learning problem statements . Total 73 students from CSE branch has attended for this program. The duration of the program was 6 Hours.

In the part of Guest Lecture the speaker delivered his lecture on Introduction to Data Science, How the Data can be recognized, Importance and implementation of Machine learning in Data Science, Working on IBM cloud, Building an AI chat-Bot using the IBM-Cloud, How to Secure the Data in cloud Storages and Advantages of Data Analysis and Big Data concepts, the basic need of the Data Science in identifying the patterns of the things and situations, the usage of data to predict the instance of the mere particular situation at particular time-by using the AI+ML. Image Recognition algorithm and its working in the data flow in different streams.

Guest Lecture
On
Machine Learning using MATLAB

Name of the Guest : Dr. Pradeep kumar

Date of Lecture : 30/10/19

No of Participants : 124 Students

Summary:

Dr.Pradeep Kumar (HOD ,CS&IT,Moulana Azad National Urdu University ,Gachibowli , Hyderabad) has received our invitation and given concernt to come on 30/10/19.On the day of the event the resource person arrived at 9:30 A.M in our college premises and the event started with "LIGHT LAMPING " followed by Prayer song**.**

In the first session the speaker Dr. Pradeep kumar explained about Matlab and future trends on the Matlab . He explained about the concept of Machine learning and importance of machine learning using MATLAB.Also discussed the various parameters on machine learning in the field of Engineering and Technology .Briefly discussed about the Matlab, and mechanisms. Also he explained about the Applications used in real time IT Sectors. Also a brief description on Matlab and benefits regarding Matlab.

Report

On

DELL EMC CERTIFICATION PROGRAM

the mess that was left behind by the shooters. They

Programme on Data Science held

CITY BUREAU

A five-day certification training programme on Data Science and Big Data Analytics was organised by the Department of Computer Science Engineering, CMR Engineering College through its newly-established Dell EMC Centre of Excellence on Data Science and Big Data Analytics.

The programme was conducted by technical trainer, Avinash Jadhav of ICT Academy for the students. An online certification exam was conducted for 50 students and all of them cleared it with over 85 per centage.

CH Bhupal Reddy, Vice Chairman, Principal, M Laxmaiah, Professor of CSE & Head DELL EMC Center of Excellence, and others took part in the programme.

Adivasi ham

STATE BUREAU

English Newspaper Cutting

ఆంధ్రజ్యోతి

సీఎంఆర్‌లో

డాటా సైన్స్ సర్టిఫికేషన్

మేడ్చల్ రూరల్ : మేడ్చల్ మండలం కండ్లకోయ పరిధిలో గల సీఎంఆర్ ఇంజనీరింగ్ కాలేజీలో సీఎస్‌సీ విభాగం డెల్ ఈఎంసీ సెంటర్ ఆఫ్ ఎక్సలెన్స్ ఆధ్వర్యంలో ఐదు రోజుల శిక్షణా కార్యక్రమాన్ని ఏర్పాటు చేశారు. ఐసీటీ సహకారంతో ఎక్సలెన్స్ కోసం డెల్ ఈఎంసీ కేంద్రాల్లో బాగంగా డేటా సైన్స్, బిగ్డాటా ఎనలిటిక్స్ ఆన్లైన్ సర్టిఫికేషన్ పరీక్షలను విద్యార్థులకు నిర్వహించారు. 50 మంది విద్యార్థులు సర్టిఫికేషన్ పరీక్షను ఎక్కువ శాతంతో క్లియర్ చేసినట్లు నిర్వాహకులు తెలియజేశారు. డెల్ ఈఎంసీ వారు విద్యార్థుల యొక్క పనితీరును ప్రశంసించారు. అనంతరం విద్యార్థులకు ధ్రువీకరణ పత్రాలను ప్రదానం చేశారు. కార్యక్రమంలో కళాశాల సెక్రటరీ శ్రీశైలంరెడ్డి, ఎం.శ్రీనివాస్‌రెడ్డి, ప్రిన్స్‌పాల్ ఎం.లక్ష్మయ్య, ప్రొఫెసర్ కుమార్, హెచ్‌ఓడీలు రవి, సతీష్‌బాబు, మహేశ్‌కుమార్, స్వప్న, కీర్తి పాల్గొన్నారు.

Telugu Newspaper Cutting

Title of Event :Certification Program of DELL EMC
Date of Event :22/10/2019 to 26/10/2019
No. of Participants :50
Venue :B-301, DELL EMC Lab, Block - II

Description

The Department of Computer Science and Engineering has conducted the Certification Program on Data Science & Big Data Analytics from22nd to 26th October 2018. This Program was conducted by the Big Data, Centre of Excellence of CMREC for five days. The total number of students participated was 50. The trainer for the Session was Mr.Jadhav Avinash, Technical Trainer at ICT Academy, Master's in CSE with 3+ years of experience in training field of IT Industry.

Guest Lecture
ReportOn
"Importance on Soft Skills"

Title of Event : Importance on Soft Skills
Date of Event : 14/11/2019
No. of Participants 200

Aim & Objective:

This Guest lecture covers Soft skills required to build the career of the students in all aspects, soft skills playan important role in a successful career as well as during social interactions in the society. These skills are also highly sought after by employers recruiting fresh graduates. The main purpose of this study was to investigate students' perceptions of the importance of soft skills for their education and employment.

Description

The Department of Computer Science and Engineering has conducted Guest Lecture "Importance on Soft Skills" on 14th November 2019 to meet out curriculum gap between Industry and Academics. This Program was conducted by MHRD's Innovation Cell Govt of India in CMREC . The total number of students participated was 200. The trainer, Dr.Manoharan Soft Skills ,Entrepreneurship Development, Stress/Health Faculty& Motivational Speaker.

A State Level Technical Fest Reporton

"TECHNOTHON 2K19"

Title of the Event : Technothon 2K19

Date of the Event : 07.09.2019

No. of Participants : 850+

Aim and Objective:

The main objective of the Technothon 2K19 is to provide a platform where students can exhibit their hidden knowledge and explore more.

Description:

The Technothon 2K19 was started at 10:00AM and the gathering was addressed by Mr. Srishailam Reddy, Secretary & Correspondent and Dr. A S Reddy, Principal, CMREC.

The College has planned to organized a one day state level technical fest Technothon 2K19 on 7th September 2019. The Technothon 2K19 was organized by various student chapters of CMREC. The CSE, IT, ECE and Mechanical Departments has actively conducted their respective events grand successfully. The Department of Information Technology has conducted two major events Coding Contest with about 100 participants and Spot Photoshop with about 60 participants.

Other departments namely CSE has conducted events like Debugging, App Development and Model Design, ECE has conducted events like Circuit Hunt, Project Expo and D-Coding, and Mechanical Department has conducted events like Robotics League, CAD Design Contest, Rapid Prototype, and Drone Challenge.

CSIR Sponsored Two Days WorkshopOn

"Recent Applications in Cognitive Learning with Data Science"

Title of Event : **"Recent Applications in Cognitive Learning with Data Science"**

Date of Event : **18th & 19th Nov 2019**

No. of Participants **50**

Venue : **Seminar Hall , Block - II**

Aim & Objective:

The primary aim of this seminar is to bring together researchers and practitioners interested in Cognitive Data Science Applications in Machine Learning and Artificial Intelligence, and to create a forum for discussing recent advances in this area, to understand better the practical challenges in designing and developing Cognitive Learning Model for various applications.

Topics to be Covered

- Evolution of Cognitive computing and its architecture
- Challenges and opportunities within the emerging Cognitive Computing domain
- Reinforcement Algorithms for Cognitive Computing Innovation
- Broad application areas of Cognitive Learning Model for various applications.

Guest Lecture Report

On

"Importance on Soft Skills"

Title of Event : **Importance on Soft Skills**
Date of Event : **14/11/2019**
No. of Participants : **200**
Venue : **Seminar Hall , Block - II**

Aim & Objective:

This Guest lecture covers Soft skills required to build the career of the students in all aspects , soft skills play an important role in a successful career as well as during social interactions in the society. These skills are also highly sought after by employers recruiting fresh graduates. The main purpose of this study was to investigate students' perceptions of the importance of soft skills for their education and employment.

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Faculty Publications

Name	Name of the Faculty	Title	Name of Journal	National/ International	Volume/page no
Scopus	Dr.SheoKumar, Dr .M.Kumaraswamy Mr.U.Mahender	Improved Approach to extract knowledge from un structured data using applied natural	ICCII	International	2194536 5219453 57
Scopus	Dr. M. Laxmaiah	A Comparative study on google App engine Amazon web services and Microsoft windows	Journal of Computer Engineering and Technology	International	0976- 6375
Scopus	Dr. M. Laxmaiah,Mr.Narendra	An effective data access method for public cloud data	IJET	International	2278-3075
Scopus	Dr. M. Laxmaiah	A Survey on Predicting Uncertainty of Cloud Service Provider Towards Data	International Journal of Scientific Research in Science and Technology	International	2396-602X
Scopus	Dr.M.S.Satish babu, Mrs.G.Sumalatha, Dr.C .N.Ravi	Personalized Query suggestions using concepts based under profiles	International Journal of Mechanical and Production Engineering Research and Development	International	2249-8001
Scopus	Dr.C.N.Ravi	Remote data integrity Checking protocol with Enhanced protection to secure storage in cloud	Journal of Recent Technology and Engineering (IJRTE)	International	2277-3878

Scopus	Dr.C.N.Ravi, Dr.M.S.Satishbabu,Mrs.CH.Sirisha	Extraction of road from high resolution satellite image using hybrid segmentation	International Journal of Mechanical and Production Engineering Research and Development	International	2249-8001

Student Achievements
Academic Year 2019

S.No	Name of the Student	Event Name	Event Details	Date of Event (Venue & Organization)	Participated / Won
1	M.RAKESH	TECHNOTHON-2K19	MODEL DESIGN	07/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	SECOND PRIZE
2	K.SARANYA CHAKRAVARTHY	IDEATHON 2020	CODING EVENT	27/08/20 - 21/09/20	PARTICIPATED
3	U.KISHORE	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
4	NAMEERA SULTHANA	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
5	G.SATHISH KUMAR	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
6	Y.RAVI TEJA	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
7	K.LAKSHMI PRIYA	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
8	T.SNEHA	ONE DAY WORKSHOP ON "DATA SCIENCE"	CSI STUDENT CHAPTER	04/09/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	PARTICIPATED
9	I.SUDHAR SHAH	NATIONAL LEVEL SCIENCE EXPO 2K19	OUT STANDING ACHIEVEMENT IN HTML,CSS,JAVA,JAVASCRIPT	02/11/2019 (CMR ENGINEERING COLLEGE,HYDERABAD)	PARTICIPATED
10	SHASHI KANTH	NATIONAL LEVEL SCIENCE EXPO 2K19	OUT STANDING ACHIEVEMENT IN HTML,CSS,JAVA,JAVASCRIPT	02/11/2019 (CMR ENGINEERING COLLEGE,HYDERABAD)	PARTICIPATED
11	P.NANDA KISHORE	NATIONAL LEVEL SCIENCE EXPO 2K19	OUT STANDING ACHIEVEMENT IN HTML,CSS,JAVA,JAVASCRIPT	02/11/2019 (CMR ENGINEERING COLLEGE,HYDERABAD)	PARTICIPATED
12	DONTHARABOYANA RAMYA SRI	SKILL SIGMA ACHIEVEMENT CERTIFICATE	JAVA SE 8 PROGRAMMING	20/07/2019(ONLINE)	CERTIFIED
13	NIHARIKA ANANTHA	SKILL SIGMA ACHIEVEMENT CERTIFICATE	JAVA SE 8 PROGRAMMING	20/07/2019(ONLINE)	CERTIFIED
14	NIHARIKA ANANTHA	CERTIFICATE OF APPRECIATION	INTERNSHALA TALK	20/09/2019	CERTIFIED
15	KHYATI KUNDURU	CERTIFICATE OF PARTICIPATION	INTERNSHALA TALK	13/09/2019	CERTIFIED

Student Achievements
Academic Year 2019

16	ANJALI SINGH	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
17	RAKESH KUMAR	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
18	SABBANI ANUHYA	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
19	SSRAYUDU SIDHU	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
20	YELAKANTI SANGHAVI	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019 (CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
21	JYOTHSNA G	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
22	SAMEEE KASIVAJHULA	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
23	SHAIK KAREENA	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
24	CHAVA VARDHINI	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
25	PILLI BHARGAVI	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
26	BALASUBRAMANYAM PERAM	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
27	MOHAMMED ISRAIL	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
28	MANASA REDDYGARI	SPOKEN TUTORIAL CERTIFICATION	JAVA BUSINESS APPLICATION	30/08/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED
29	SOWJANYA BOLLNEEDI	SPOKEN TUTORIAL CERTIFICATION	JOOMLA	13/09/2019(CMR ENGINEERING COLLEGE, HYDERABAD)	CERTIFIED

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Kandlakoya, Medchal Road, Hyderabad - 501401
Ph: 92487 27229, 92487 27231
Email: principal@cmrec.ac.in

www.cmrec.ac.in

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