July – Dec. 2020 # CSENAPSE Volume-16

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.
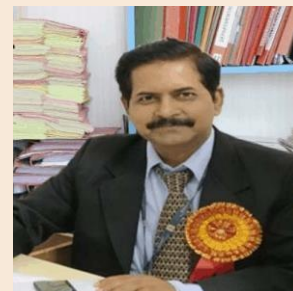

Sri. Ch.Srisailam Reddy
Secretary& Correspondent

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 2020-21. 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.

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

Dr.A.Srinivasula Reddy
Principal

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 2020-21. I congratulate all the faculty members on their sincere endeavors for their Professional Dept and achieving excellence.

Dr.Sheo Kumar
HOD-CSE

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

Dr.C.N.Ravi
Professor & Dean

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 18. 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 inline with the Vision 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 Specific Outcomes (PSOs)

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

2. **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.

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Program Outcomes (POs)

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

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

2. **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

3. **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

4. **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

5. **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

6. **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

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

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

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

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

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

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

Computer Labs

Computer and Organization lab

Software engineering lab

Data Warehouse and Data mining lab

Linux Programming lab

IT Workshop lab

OOPS through Java & DBMS lab

DS through C++ lab

Operating System 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

Robotics 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
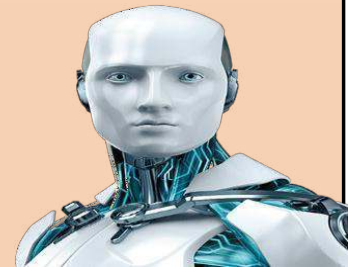
Artificial Intelligence Club

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 an exchange idea 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 student's 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

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 count

FACULTY PUBLICATIONS

Name	Name Of the faculty	Title	Name of Journal	National/ International	Volume/page no
Scopus	Dr.Sheo kumar	Challenges and Opportunities withECC and Non commutative Cryptography: A Survey Perspective	LNEE	International	978-981-15-7961-5
Scopus	Dr.Sheo kumar	Privacy and Challenges to Data-Intensive Techniques	Cyber Defence Mechanisms	International	9780367816438
Scopus	Dr.M.Kumaraswamy	Bio mimicry for Talent Acquisition	ICCCE 2020	International	978-981-15-7961-5
Scopus	Dr.M.Kumaraswamy	Feature and Sample Size Selection for Malware Classification Process	ICCCE 2020	International	978-981-15-7961-5
Scopus	Dr.M.Kumaraswamy	ARevenue-Based Product Placement Framework to Improve DiversityinRetail Businesses	International Conferenceon Big Data Analytics (BDA2020)	International	978-3-030-66665-1
Scopus	Dr. .D.Palanivel Rajan	A Novel Groundwater Resource Forecasting Technique for Cultivation UtilizingWireless Sensor Network (WSN)and Machine Learning (ML) Model	Turkish Journal of Computer and Mathematics Education	International	1309-4653

SCOUPUS	Dr.Gautam Kumar	Privacy and Challenges to Data-Intensive Techniques	Cyber Defense Mechanisms: Security, Privacy, and Challenges	International	9780367816438
SCOUPUS	Dr.Gautam Kumar	Defence Mechanism toSelf-Adaptive	Cyber Defense Mechanisms:	International	9780367816438

		Cyber-Physical Security Systems	Security, Privacy, and Challenges		
SCOUPUS	Dr.Gauta m Kumar	Challenges and Opportunities with ECC and Non commutative Cryptography: A Survey Perspective	Proceedings of the 3rd International Conference on Communications and Cyber Physical Engineering	International	9789811579615
SCOUPUS	Dr.Gauta m Kumar	Malware Detection Techniques: A Survey	2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC), 2020	International	978-1-7281-7132-6
SCOUPUS	Dr.Gauta m Kumar	Block chain-Based Digital Rights Management Techniques	Large-Scale Data Streaming, Processing, and Blockchain Security-IGI GLOBAL	International	9781799834441
SCOUPUS	Dr.Gauta m Kumar	An ECC with probable secure and efficient approach on non commutative cryptography	Data Communication and Networks	International	978-981-15-0132-6
SCOUPUS	Dr.Gauta m Kumar	Cyber Defence Mechanisms: Security, Privacy, and Challenges	Taylor andFrancis	International	9780367816438
SCOUPUS	Prof.Raghunat hReddy	A Feature fusion technique for improved non-intrusive load montoring	Springer	International	42162-0220-00112-w
Scopus	DR.K.S.KANNA N	A Novel Groundwater Resource Forecasting Technique for Cultivation Utilizing Wireless Sensor Network (WSN)and Machine Learning (ML)	A Novel Groundwater Resource Forecasting Technique for Cultivation Utilizing Wireless Sensor Network (WSN)	International	1309-4653

SCI	Mrs Sumalatha	Behavioural Analysis Based Risk Assessment in Online Social Networks	Springer	International	978-981-15-7961-5
SCI	Mrs.Tejasree	Behavioural Analysis Based Risk Assessmentin Online Social Networks	Springer	International	978-981-15-7961-5
UGC	Ms.D.Navaneetha	A Novel Framework to Improve P2P Data Transmission in Wireless MANET's for Social Networks	Journal of Innovation in Computer Science and Engineering	National	2278-0947
Springer	Mr. DESA UMA VISHWESH WAR	Secure Data Sharing Using Two Fold Cryptography Key Protection, Proxy Re-encryption and Key Separation Techniques	ICCCE 2020	International	978-981-15-7961-5
SCOPUS	Mrs. Pannangi Rajyalakshmi	A Map Reduce Based Job Scheduling Framework to Improve Performance of Processing over Distributed Resources	Solid State Technology	National	No ISSN
Google Schola R Indexed	Mrs. Pannangi Rajyalakshmi	Improving the data transmissionspeed in cloud migration by using map reducefor big data	International Journal of Engineering Technology and Management and Sciences	International	No ISSN

GOOGLE SCHOLAR INDEXED	Mrs. Pannangi Rajyalakshmi	Analysing the Behaviourof Distributed Files in Hadoop for NoSQL Database against DML Queries	Journal of Innovation in Computer Science and Engineering	International	2278-0947
SCOUPUS	Mr. K VIJAYA BABU	An Clue-Based Route Search onRoad Networks Using Keywords and Spatial Relations	Springer, Lecture Notes in Electrical Engineering book series	International	978-981-15-7961-5
UGC-care	Mrs. M Ashwitha	A neural networkbased algorithm for identifying speaker voice	The international journal for analytical and experimental modal analysis	International	0886-9367

SCOUPUS	Mr. MRUTYUNJAYA SYALAWAR	Privacy and Challenges to Data-Intensive Techniques	Cyber Defence Mechanisms , Taylor and Francis,USA	International	9780367816438
SCOUPUS	Mr. MRUTYUNJAYA SYALAWAR	Classification of Nucleotides UsingMemetic Algorithms and Computational Methods	Springer,	International	ISSN 2394-5125
SCOUPUS	Mr. MRUTYUNJAYA SYALAWAR	An Clue-Based Route Search on Road Networks Using Keywordsand Spatial Relations	Springer, Advances in Intelligent Systems and Computing book series (AISC, volume 1199)	International	2194-5357
SCOUPUS	Mr. MRUTYUNJAYA SYALAWAR	CYBER SECURITY USING MACHINE LEARNING TECHNIQUES	Recent Trends in Applied Sciences and Computing Engineering (RTASC)-Book Chapter	International	978-81-950236-3-9
SCOUPUS	Mr. MRUTYUNJAYA SYALAWAR	RESIDUE ANALYSIS OF IMAGE QUALITY USING TENSORFLOW	JOURNAL OFCRITICAL REVIEWS	International	2194-5357

Guest Lecture Report
On

"Introduction to Statistics & Data Analysis using EXCEL"
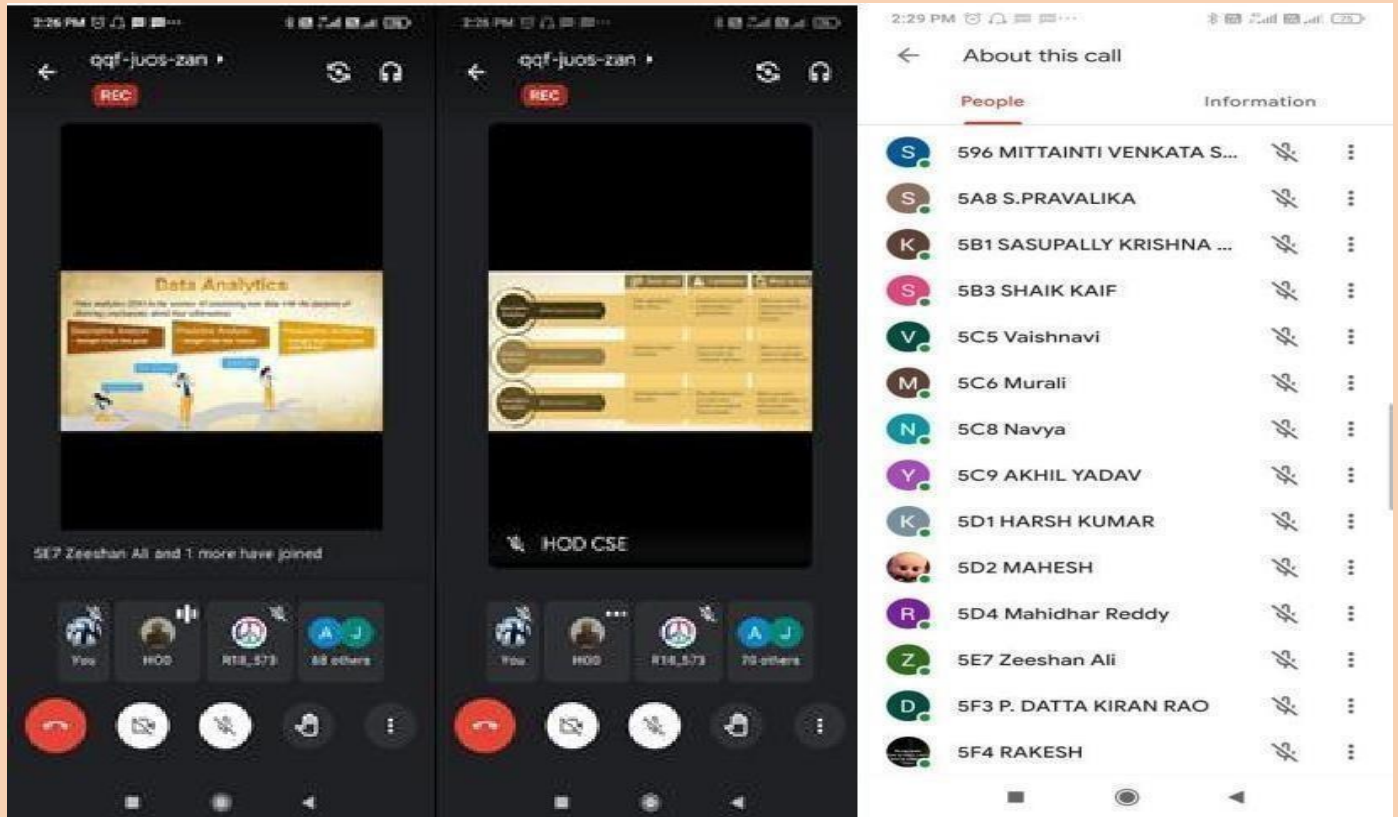
Date of Event   : 29.12.2020

Total No. of Participants   96

Aim & Objective:

The purpose of the Guest Lecture is to introduce the statistical methods that are critical in the performance analysis and selection of information systems. It includes fundamental topics as well as applications: data analysis and representation; probability models; conditional probability and independence, data relationships; correlation; inference with confidence.
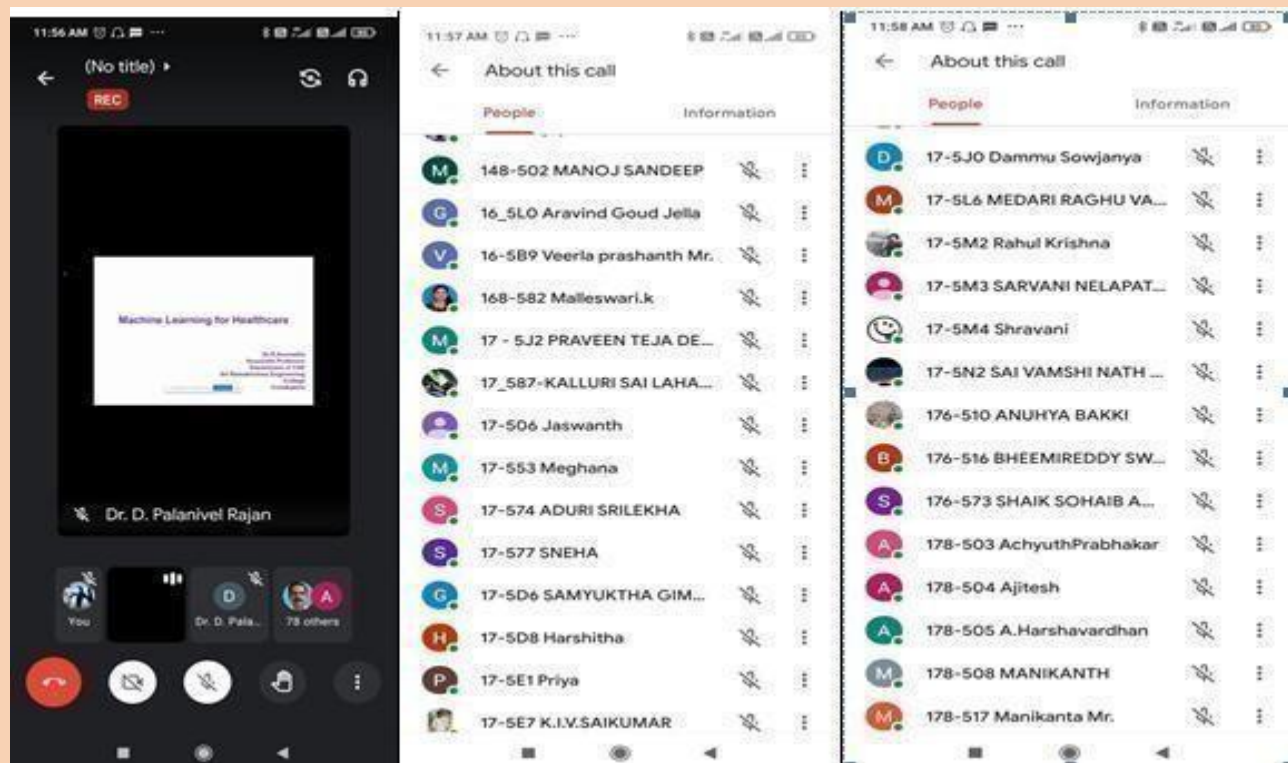
Description

The Department of Computer Science and Engineering has conducted a Guest lecture on Machine learning for healthcare in collaboration with Institution Innovative Council on 29/12/2020. CMREC conducted this Guest Lecture through online mode due to the pandemic situation of COVID-19. The total number of students participated was around 86 from Second year. And 10 faculty members joined for this Lecture.

Guest Lecture Report

On

"Machine Learning for Health Care"

Date of Event   : 26.12.2020

Total No. of Participants   93

Aim & Objective:

Introduces students to machine learning in healthcare, including the machine learning basic concepts, nature of clinical data and the use of machine learning for risk stratification, disease progression modeling, precision medicine, diagnosis, subtype discovery, and improving clinical workflows.
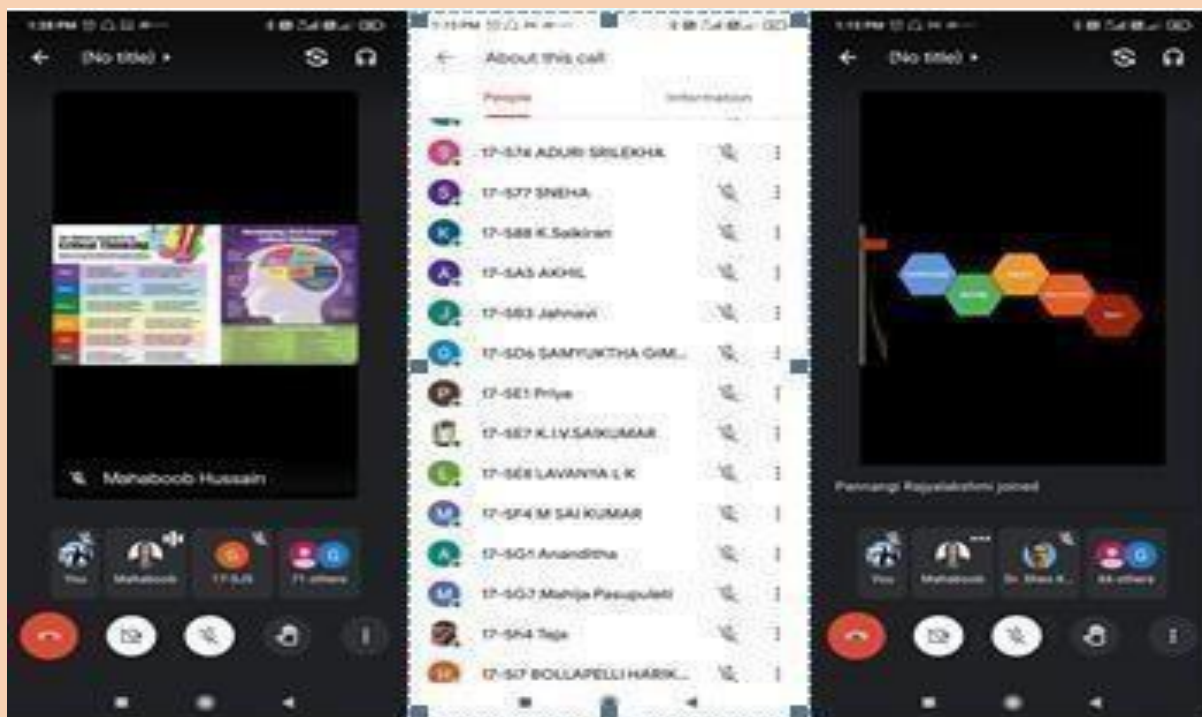
Description

The Department of Computer Science and Engineering has conducted a Guest lecture on Machine learning for healthcare in collaboration with Institution Innovative Council on 26/12/2020. CMREC conducted this Guest Lecture through online mode due to the pandemic situation of COVID-19. The total number of students participated was around 83 from Second year. And 10 faculty members joined for this Lecture.

Workshop Report

On

"Workshop on Design Thinking, Critical Thinking and Innovation Design"

Date of Event   : 22.12.2020
Total No. of Participants   83

Aim & Objective:

Design thinking can help businesses innovate and transform the way businesses develop their products, services, operations, and corporate strategy. It uses observation and creativity to understand from a human perspective, what is technologically feasible, customer desirable and economically viable.

Description

The Department of Computer Science and Engineering has conducted workshop on Workshop on Design Thinking, Critical Thinking and Innovation Design in collaboration with Institution Innovative Council on 20/12/2020. CMREC conducted this workshop through online mode due to the pandemic situation of COVID-19. The total number of students participated was around 71 from final year. And 10 faculty members joined for this workshop.

Students Achievements
A.Y 2020

S.No	Name of the Student	Event Name	Event Details	Date of Event (Venue & Organization	Participated / Won
1	RATHNAURAM UDAY	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	11/12/2020(CMR ENGINEERING COLLEGE)	PARTICIPATED
2	B.NANDINI	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
3	DESAI NIKHIL	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
4	MASAM NIKHIL	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
5	MUNESULA VAMSHI	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
6	P BAVISH	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
7	RAJANA YOGESHWAR	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
8	SIDDAM SAI SUPRIYA	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
9	RHANI CHANDU	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
10	S.DINESH	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
11	N.SAI NAYAN	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
12	SURAJ VISWAKARMA	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
13	B RAHUL	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
14	ANNABOINA PRANAY	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
15	BASANGARI SHREYA	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
16	CHENNADI SANHITHA	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
16	SADANAND SHARMA	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED
17	NITHIN KRISHNA GOUD	NDLI AWARENESS PROGRAMME	CERTIFICATE PF PARTICIPATION	10/12/2020(ONLINE-JOGINPALLY BR ENGINEERING COLLEGE)	PARTICIPATED

18	A.DHEERAJ MANI	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED
19	K.SAI SRUJAN	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED
20	P.SRIHARIKA	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED
21	G.PRANAY	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
22	B.CHETAN	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
23	P.NEERAJ RAO	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
24	S.AKHILA	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
25	S.SHARMA	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
26	V.KSHITHIJA	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
27	Y.THANMAI	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
28	P.NAGARJUNA	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
29	M.ABHISHEK REDDY	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
30	J.RASHEED	WORKSHOP	INTERNET OF THINGS(IoT) BASED GREEN ENERGY SYSTEMS	BVRIT, NARSAPUR(ONLINE)14/11/2020	PARTICIPATED
31	B.NITHISH REDDY	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED
32	D.RAMYA SRI	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED
33	G.SRIRCHANDANA	E-QUIZ(ONLINE)	DATA MINING	ETHIRAJ COLLEGE FOR WOMEN, CHENNAI,9-07-2020	COMPLETED

DEPARTMENT WISE PLACEMENT STATISTICS

CMREC PLACEMENT STATISTICS		
BRANCH	2018-2019	2019-2020
CSE	171	181
ECE	160	181
MECH	101	142
IT	NA	NA
TOTAL	432	504

CMR ENGINEERING COLLEGE

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