

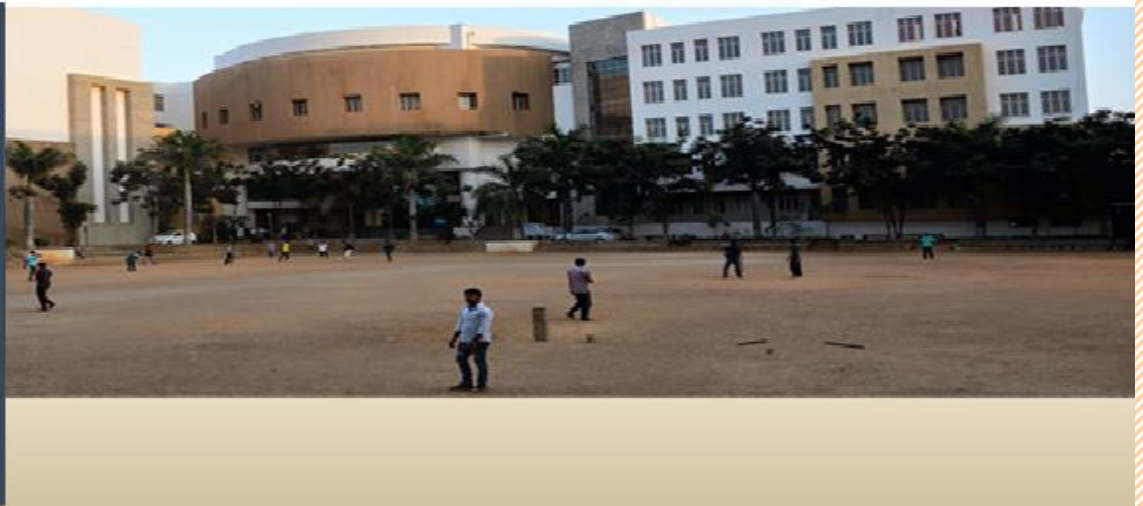
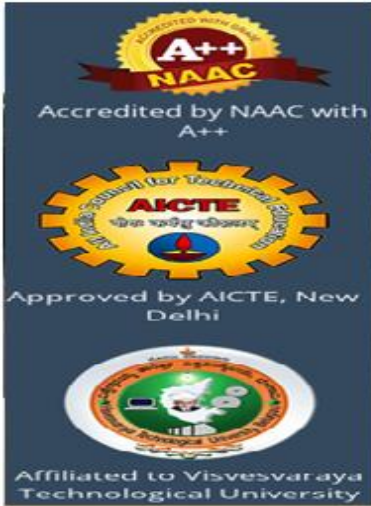
INFO-RISES

VOLUME 9, ISSUE 7, SEPTEMBER 2023 - MARCH 2024
DEPARTMENT OF INFORMATION SCIENCE AND
ENGINEERING



CMR INSTITUTE OF TECHNOLOGY

132, AECS Layout, IT Park Road, Bengaluru- 560037



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING INFO-RISES 2023-24 ODD SEMESTER

VOLUME 9 ISSUE 7



Dr. Sanjay Jain
Principal

DEPARTMENT VISION

"To empower our students with necessary domain knowledge and professional skills in information technology for a global career to serve the society."



Dr. B. Narasimha Murthy
Vice-Principal

DEPARTMENT MISSION

- To build a faculty team with industry and academic exposure, capable of empowering and equipping students with necessary domain knowledge.*
- To prepare the students for a global career in computing by enriching the curriculum with a blend of theory and practice.*
- To develop industry relevant technical and communication skills with cross-cultural sensitivity through training programs, vibrant student clubs and student internships.*
- To engage with industry and institutes of repute and collaborate in academics, research and development involving faculty and students.*

INSIDE THIS ISSUE	
Message from HOD	4
Club Activities	5
Industry Connect Activities	7
Faculty Tech Talk	11
Faculty Publications	12
Patents	16
I&E Cell Activities	17
Industry Connect Activities Attended By Faculty	21
Faculty Achievements	22
Student Achievements	25
Placements	28
Student Article	29
Faculty Article	30

Newsletter Editor:

*Ms. Deepa H
Assistant Professor
Dept. of ISE, CMRIT*

MESSAGE FROM HOD



We are delighted to publish the March - 2024 issue of our bi-annual newsletter, "Info-Rises." The Department of Information Science and Engineering remains actively engaged in academic and research endeavours.


In our commitment to bridging the gap between academia and industry, we have implemented an industry-oriented curriculum and embraced blended pedagogy techniques to enhance teaching and learning outcomes. The entrepreneurial ecosystem within our department serves as a source of inspiration for both faculty and students, encouraging them to transform innovative ideas into profitable ventures.

We are grateful for our dedicated teachers, enthusiastic students, and committed staff members, whose collective efforts contribute to our department's success. Congratulations to our students for their active participation in various technical events, extracurricular activities, research endeavours, and competitive exams. We extend our best wishes to all for a prosperous career and fulfilling life ahead.

**- Dr. Jagadishwari V
HOD, Dept. of ISE**

CLUB ACTIVITIES

Sl.No	CLUB NAME	EVENT	DATE OF CONDUCTION
1	Google DSC	Programming 101	29 Nov 2023
		Introduction to Neural Networks	7 Dec 2023
		Introduction to Full stack development - unleashing innovation	11 Jan 2024
		Building telegram bot with python-Unleashing innovation in code	8 Feb 2024
		Introduction to Golang-Gateway to innovative development	22 Feb 2024
2	Coding Ninjas	Innovation through web dev	27 Dec 2023
		Coding cascade: Relay to innovation	28 Dec 2023
		Quizardry-Innovative quiz	13 Jan 2024
		An innovative combination of sports and technology-sports hunt	22 Feb 2024
		Code words 2.0-An inventive way of combination of coding and crosswords	29 Feb 2024
		Kill the bug-A prototype debugging challenge	2 Mar 2024
3	RISE	The code Hunt-Innovate, Code and create	28 Dec 2023
		BINGO--Embrace the creative solutions	24 Jan 2024
		Innovative-syntax saga	22 Feb 2024
		prototype charades	29 Feb 2024
		Do innovative yourself	29 Feb 2024
		Snake and Inventive Ladder	13Mar 2024



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CMRIT
ACCREDITED WITH A+ GRADE BY NAAC


Developer Student Clubs
CMR Institute of Technology

PROGRAMMING 101

Code with a Headstart

📅 29th November 2023
🕒 2:30pm to 3:30 pm
📍 AV Hall, 3rd Floor
🔗 <https://forms.gle/uAGsN1kNx8zP98cJ6>

Coordinator: **G.L.K. Abhiram Reddy**
Contact: **6362044789**



Register here



RISE
ISE DEPARTMENT

INSTITUTION'S INNOVATION COUNCIL

ISE DEPARTMENT PRESENTS

DO INNOVATIVE YOURSELF




COORDINATORS:
DEVESH : 9509298470
AKSHITA : 6364845478

VENUE : LH-203
DATE : 29th Feb 2024
TIME : 2 TO 3 PM

FACULTY COORDINATOR : DR. CIYAMALA KUSHBU S : 6380614573



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
CODING NINJAS PRESENTS



An inventive combination of coding and crossword!



DATE: 29 February, 2024
TIME: 2-3 PM
VENUE: LH 205

EVENT COORDINATORS:
Mrigank- +91 7970783618
Mayank - +91 95234 47007

FACULTY COORDINATOR:
Dr. Ciyamala Kushbu S: +91 63806 14573



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
CODING NINJAS presents



KILL THE BUG

A Prototype Debugging Challenge

DATE: 2ND MARCH 2024
TIME: 10:30 - 11:30
VENUE: LH 205

EVENT COORDINATORS:
Mekhala: +91 735611404
Muskan: +977 9808635909

FACULTY COORDINATOR:
Dr. Ciyamala Kushbu S.
+91 63806 14573



RISE
ISE DEPARTMENT

INSTITUTION'S INNOVATION COUNCIL

Rise club presents

Snake and Inventive Ladders

A Coding Adventure

DETAILS: **EVENT COORDINATOR:**
Venue: LH 205 **Medha: 9902310998**
Date: 13th March 2024 **Aishwarya: 8310596240**
Time: 3pm-4pm
Faculty coordinator: **Dr. Ciyamala Kushbu S: 6380614573**



RISE
ISE DEPARTMENT

INSTITUTION'S INNOVATION COUNCIL

ATTENTION!

ISE DEPARTMENT PRESENTS

PROTOTYPE CHARADES

TIME : 3PM TO 4PM
DATE : 29TH FEB 2024

COORDINATORS:
SUDIKSHA : 9148786139
NAMITHA : 7204026237

VENUE:
LH-205

FACULTY COORDINATOR : DR. CIYAMALA KUSHBU S : 6380614573

INDUSTRY CONNECT

- Expert Talk on “Innovations in Image Processing using DL” by Prof. K. B. Sathya, Assistant Professor, Electronics & Communication Engineering, Sathyabama Institute of Science & Technology, Chennai on 24th August 2023.

CMR INSTITUTE OF TECHNOLOGY
BENGALURU

Department of Information Science and Engineering
is organizing an Expert Talk on

Innovations in Image Processing using DL
by



Prof. K. B. Sathya
Assistant Professor,
Department of Electronics & Communication Engineering,
Sathyabama Institute of Science & Technology, Chennai

Date: 24th August 2023
Time: 1.30pm to 5pm
Meeting Link: <https://shorturl.at/iFIPO>
Registration Link: <https://forms.gle/BUGzQtCnjgEqknFK8>

Organizers:

Dr. Poorani M Asst. Prof, Dept. of ISE Contact: 8754408132 E-mail: poorani.m@cmrit.ac.in	Dr. M. Farida Begam HOD-ISE CMRIT	Dr. Sanjay Jain Principal CMRIT
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- Expert Talk on “Current trends in AWS Technology and its innovations” by Dr. S. Anthoni raj, Professor, Department of Computer Science, Jain University, Bengaluru on 26th October 2024.

CMR INSTITUTE OF TECHNOLOGY
BENGALURU

Department of Information Science and Engineering
is organizing a Guest Lecture on

**Current trends in AWS Technology and its
Innovations**
by



Dr. S. Anthoni raj
Professor,
Computer Science & Engineering,
Jain (Deemed to be University), Bengaluru

Date: 26th October 2024
Time: 11 am to 12.30 pm
Meeting Link: <https://meet.google.com/ydc-zbxp-yss>
Registration Link: <https://forms.gle/arDhx7f6cjz5f8y8p6>

Organizers:

Dr. Poorani M Asst. Prof, Dept. of ISE Contact: 8754408132 E-mail: poorani.m@cmrit.ac.in	Dr. M. Farida Begam HOD-ISE CMRIT	Dr. Sanjay Jain Principal CMRIT
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- Expert Talk on “**Innovative Focus on Chosen Career**” by **Ms. Kokila Gopinath**, **Founder & MD, Milestone**, Bengaluru on 24th Nov 2023.


CMR INSTITUTE OF TECHNOLOGY
BENGALURU
 Department of Information Science and Engineering
 is organizing an Expert Talk on


INSTITUTION'S INNOVATION COUNCIL
Ministry of Education, India

Innovative Focus on Chosen Career



Ms. Kokila Gopinath
Founder & MD
Milestone, Bangalore

Date : 24th November 2023
Time : -10:30 AM to 12:00 PM
 Meeting Link : <https://meet.google.com/gnq-robg-pvp>
 Registration Link : <https://forms.gle/Rkb2uGMrDqz24rRk6>

Organizers:

Dr. Poorani M Asst. Prof, Dept. of ISE Contact:8754408132 E-mail: poorani.m@cmrit.ac.in	Prof. Partha C Asst. Prof, Dept. of ISE	Dr. M. Farida Begam HOD-ISE CMRIT	Dr. Sanjay Jain Principal CMRIT
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- One Day workshop on “**Introduction to R Programming and web designing using R**” by **Prof. T.Rajan**, Assistant Professor/CSE, Presidency University, Bengaluru on 25th Jan 2024.


INTRODUCTION TO R PROGRAMMING AND WEB DESIGNING USING R
 A Hands-On Training Workshop Organized By
 Department of ISE, CMRIT



Prof. T. Rajan

IMPORTANT DATES

Workshop on: 25th-Jan 2024
 Timings: 9 am to 12.30 pm
 and 1.30 pm to 4pm
 Venue: 2nd Floor AV Hall, Civil block,
 CMRIT

FREE ENTRY PERMITTED TO FIRST 50 PARTICIPANTS (Participants are required to bring their own laptops.)

REGISTRATION LINK



Here is the Reason Why YOU SHOULD ATTEND

TOPICS TO BE DISCUSSED

- >Introduction to R
- >Web designing using R
- >Data Import and Export in R
- >Data Manipulation with dplyr
- >Data Visualization with ggplot2

Organizers:

Dr. Poorani M Dept of ISE, CMRIT 8754408132 poorani.m@cmrit.ac.in	Dr. M Farida Begam HOD-ISE CMRIT	Dr . Sanjay Jain Principal CMRIT
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- Expert Talk on “Business Model requirements and Industrial Automation” by Dr. A. Dhivya, Senior Software Development Engineer, Verifone India Private Limited, Bengaluru, India on 18th January 2024.


CMR INSTITUTE OF TECHNOLOGY
BENGALURU


Department of Information Science and Engineering
 is organizing an Expert Talk on

Business Model requirements and Industrial Automation
 by
Dr. A. Dhivya
 Senior Software Development Engineer,
 Verifone India Private Limited,
 Bengaluru, India



Date : 18th January 2024
Time : 1 PM to 2.30 PM
Meeting Link: <https://meet.google.com/hus-iyxg-jmx>
Registration Link : <https://forms.gle/FRp1KBiMWeKXc2Yo6>

Organizers:

Dr. Poorani M Assistant Professor, Dept. of ISE Contact:8754408132 Email: poorani.m@cmrit.ac.in	Dr. M. Farida Begam HOD-ISE CMRIT	Dr. Sanjay Jain Principal CMRIT
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- Organized “IEEE 4th International Conference on Communication, Computing and Industry 6.0 (C2I6-2023)” on Dec 15th and 16th 2023.




4TH INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING & INDUSTRY 6.0 C2I6-2023

IMPORTANT DATES
 PAPER SUBMISSION: 1ST JULY - 30TH SEPT. 2023
 PAPER ACCEPTANCE NOTIFICATION : 1ST NOV. 2023
 CAMERA READY SUBMISSION: 15TH NOV. 2023
 CONFERENCE: 15TH & 16TH DECEMBER, 2023

Call for Papers

Communication and Networks <ul style="list-style-type: none"> • 5G & Next Generation Technologies • IoT Networks MIMO, OFDM and Massive MIMO • Wireless Communication & Antenna Theory • RF and Microwave Communication Optical Communication, Networks & amp. Security • D2D Communication • Signal Processing, Sensors and Networks • Machine Learning for Communication • Satellite Communication systems • Software Defined Networks • Cognitive Radio Networks 	Circuits and Systems <ul style="list-style-type: none"> • Products for Industry 6.0 • IoT for smart factories and Smart Cities • Machine Intelligence for disaster • Smart manufacturing, Remote sensing & GIS • Analog and Digital Circuits • Nano Technologies & Power Electronics • Digital system design and verification. MS • Neural Processors and MEMS • Energy Efficient Computing Systems • Reliable and Fault Tolerant Designs • Battery management system • Electrical drives and control • Renewable energy sources & System Modelling and analysis • VLSI Design, RF Circuits
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Data Science and Advanced Computing

- Big Data Analytics & Artificial Intelligence
- Internet of Cognitive Things and Deep Learning
- Computational optimization
- Pattern, Image, and Object Recognition
- Cryptography and Human Computer Interaction
- Edge Computing, SDCC and Cloud Computing

ALL ACCEPTED AND PRESENTED PAPERS WILL BE SUBMITTED FOR THE POSSIBLE INCLUSION IN IEEE XPLORÉ DIGITAL LIBRARY

FIND BELOW THE QR CODE FOR SUBMISSION



FOR MORE DETAILS VISIT CONFERENCE WEBSITE:
<https://sites.google.com/view/c2i6-2023/home>

MAILID: C2I6@CMRIT.AC.IN	CONTACT DETAILS DR. M. FARIDA BEGAM 8220876618 DR. SWATHI. Y 9900759571 DR. POORANI. M 8754408132
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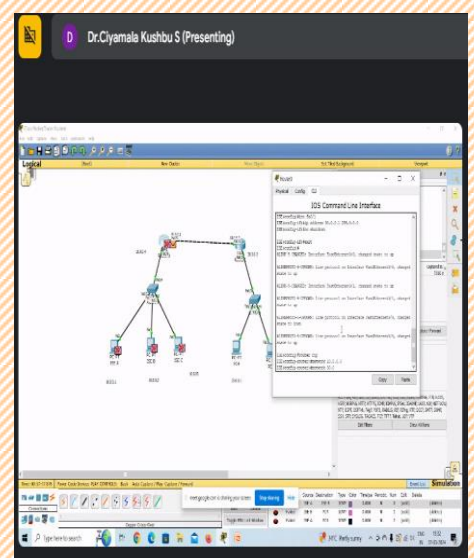
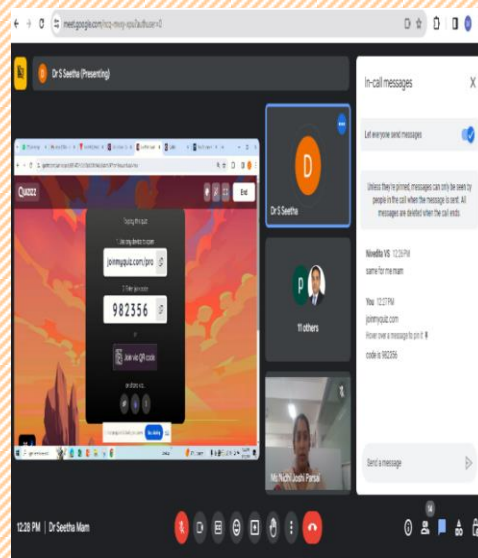
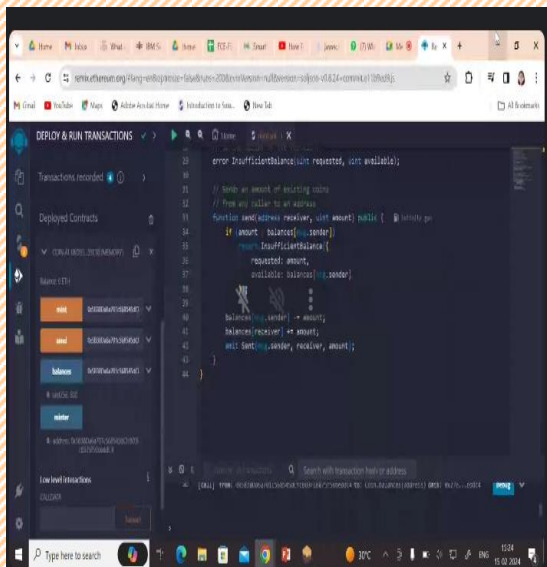
- Industrial visit to **NAL Campus** on the occasion of 9th India International Science Festival (IISF-2023) on Dec 18th 2023.



FACULTY TECH TALK

Faculty members in the department have given a tech-talk on latest trends software tools and research focused topics related to ISE.

FACULTY	TOPIC
Ms. Poornima Manjunath	Demonstration of tool used by Wipro talent Next
Ms. Devisivasankari.P	Conversational AI
Ms. Aparna N	Creation of Smart contract
Ms. Sugunadevi C	Caffe
Ms. Shilpa Pandey	Theano
Ms. Deepa H	Augmented Reality (AR)
Ms. Anaswara Venunadh	Semantic Web
Mr. Partha Chattopadhyay	Deploying Edge Computing Apps- Eclipse IOFOG Demo
Dr. Seetha	Digital tool and Development of spider Robot project
Dr. Ciyamala Kushbu	Getting started with Cisco packet tracer: A beginners guide to network simulation



FACULTY PUBLICATIONS

1. **Dr. Ananya Paul** has published a paper titled “Promoting Brand Loyalty Using Content Marketing: A Comprehensive Study of Creating a Brand’s Identity via Storytelling” in International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023.
2. **Dr. Sudhakar K N** has published a paper titled “Deepfake: An Endanger to Cyber Security” in International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023.
3. **Dr. Sudhakar K N** has published a paper titled “Development of Specific Mobile Applications Supporting the Smart City Trend” in 2nd International Conference on Edge Computing and Applications, ICECAA 2023.
4. **Dr. Sudhakar K N** has published a paper titled “Recognition of Brain Tumors Using Convolutional Neural Networks” in 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS.
5. **Dr. Sudhakar K N** has published a paper titled “IoT-based Smart Home Automation Systems for Energy Conservation” in 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023.
6. **Dr. Sudhakar K N** has published a paper titled “Intelligent Filter for Internet Traffic Monitoring and Analysis of Possible Cyber Threats” in International Conference on ICT for Sustainable Development.
7. **Dr. Anand R** has published a paper titled “Enhancing Road Safety: A System for Detecting Driver Activity Using Raspberry Pi and Computer Vision Techniques with Alcohol and Noise Sensors” in International Conference on Data Intelligence and Cognitive Informatics.

8. **Dr. Mannar Mannan J** has published a paper titled “Humanoid Robotics Ad-Hoc Network (HURANET) using Kalman Filtering Method” in 13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022.
9. **Mr. Harish L** has published a paper titled “Automatic Classification and Artifacts Removal of EEG Signal Using Supervised and Unsupervised Model” in International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS),2023
10. **Mr. Harish L** has published a paper titled “Comparison of Tumor Segmentation Techniques from Medical Images” in 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC),2023
11. **Mr. Arvind R** has published a paper titled “Intelligent GlucoSense: Innovations in Smart Devices for Personalized Health Monitoring” in 7th International Conference on I-SMAC,2023
12. **Mr. Arvind R, Ms. Sugunadevi C** has published a paper titled “Block Chain based Secured Wireless Patient Health Monitoring System” in 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC),2023
13. **Mrs. Arvind R** has published a paper titled “AI Based Electric Automobile Battery Drain Forecasting System” in 4th International Conference on Smart Electronics and Communication (ICOSEC),2023
14. **Prof. Shilpa Mangesh Pande** has published a paper titled “Smart Attendance and Attention Monitoring System” in 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), 2023
15. **Dr. Swathi Y** has published a paper titled “A Comparative Analysis of Explainable AI Techniques for Enhanced Model Interpretability” in 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023

16. **Dr. Swathi Y** has published a paper titled “Recent Trends in Solving the 8-Puzzle Problem” in International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023
17. **Dr. Srividya R** has published a paper titled “A Realizable Data Encryption Strategy” in International Conference on Advances in Electronics, EAI ICNGWN 2023, EAI International Conference on Intelligent Computing and Next Generation Wireless Networks.
18. **Ms Chanchal** has published a paper titled “Contrast and luminosity enhancement of retinal images using Weighted Threshold Histogram” in 2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023)
19. **Ms Chanchal** has published a paper titled “Advancing OCT Image Analysis: Exploring CNN Model Variants for Retinal Damage Detection” in 2023 10th IEEE UP Section International Conference on “Electrical, Electronics and Computer Engineering” (UPCON-2023)
20. **Dr. M Farida Begam** has published a paper titled “Knowledge Graph Based Medical Chatbot building” in 2023 4th IEEE Global Conference for Advancement in Technology (GCAT) 13
21. **Dr. M Farida Begam** published a paper titled “Medicinal Plants Attribute Detection by Deep learning Image Processing Techniques” in 2023 4th International Conference on Communication, Computing and Industry 6.0 (C216)
22. **Dr. Seetha S** has published a paper titled “PDSCM: Packet Delivery assured secure channel selection for Multicast routing in WMN” in Technologies, MDPI
23. **Dr. Srividya R** has published a paper titled “Voice cloning AI – Right to your Identity is Under Threat” in EAI ICNGWN 2023, EAI International Conference on Intelligent Computing and Next Generation Wireless Networks

24. Mrs. Aparna N has published a paper titled “Decision Tree-Based Explainable AI for Diagnosis of Chronic Kidney Disease” in 5th International Conference on Inventive Research in Computing Applications (ICIRCA 2023).
25. Dr. M Farida Begam has published a paper titled “Machine Learning based Learning Style Detection using Felder-Silverman Framework” in 3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical systems (ICSES -2023).
26. Dr. Srividya R has published a paper titled “Real Time Pot Hole Detection for Safe Roadways” in 3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2023)
27. Mrs. Anaswara Venunadh has published a paper titled “A Comprehensive Study on Technological Advancements in Treatment and Prognosis of Acute Myeloid Leukemia”, International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE) (pp. 1-7). IEEE. 2024

PATENTS

Sl. No.	Name of the Faculty	Patent Title	Application No
1.	Ms. Anaswara Venunadh	Innovative Health Companion to Encourage Medicine Compliance	202341075411
2.	Dr. Ananya Paul	Empowering Visual Accessibility through Innovative Smart Wearable Glasses	202341078618
3.	Dr. Ramya C	Smart Thyroid Checker using IoT Sensors	202341057752
4.	Dr. M Farida Begam	System and Approach of Model Driven Automatic Test Case Generation using NLP and Machine Learning Techniques	202441004520
5.	Ms. Suman Patil	Smart Ring	202441000142

I&E CELL ACTIVITIES



- Institution's Innovation Council Organized a workshop on “Problem-Solving and Ideation” on 21st Nov 2023 from 8.30 am to 10.30 am in II Floor MECH AV Hall. The resource person is Naved A, Entrepreneur, Lean Startup Enthusiast, Incubator/Accelerator Builder, Startup Ecosystem Builder, Project Management, Business Consultant, Startup Investor, Karnataka.



- Institution’s Innovation Council organized an Alumni Talk on “Code Your Future: Adventures in IT & Choosing Your Career Quest!” On Dec 13th 2023 from 10:30AM-12:00PM in II Floor MECH AV Hall by Mr. Monish (CMRIT Alumni), Analyst- Deloitte, Bangalore.


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CMR Institute Of Technology, Bengaluru.
 DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
ALUMNI TALK
MONISH
 BATCH-ISE 2020
 ANALYST - DELOITTE
 INNOVATIVELY CODE YOUR FUTURE:
 ADVENTURES IN IT & CHOOSING
 YOUR CAREER QUEST!
 WEDNESDAY 13 DEC
 TIME 10:30 AM
 VENUE: MECH AV HALL (II FLOOR)
 ORGANIZERS:
 PROF. PARTHA C
 ASST. PROFESSOR
 DEPT. OF ISE
 CMRIT
 DR. M. FARIDA BEGAM
 HOD ISE
 DEPT. OF ISE
 CMRIT


Dept. of I.S.E. Organized an Alumni Talk
 on
Code Your Future: Adventures in IT
 & Choosing Your Career Quest!


Date: Dec 13th 2023
 Time: 10.30 am to 12.00 pm
 Venue: Mech AV Hall II

Coordinators
Prof. Partha C
 Assistant Professor
 Dept. of I.S.E.
Dr. M. Farida Begam
 Professor & Head,
 Dept. of I.S.E.
Dr. Sanjay Jain
 Principal,
 CMRIT

- Institution's Innovation Council Organized the “**knowledge-sharing**” session on 11th Jan 2024. The senior MANTHAN winners started their presentation from the perspective of current Entrepreneurs and Innovators around the world, followed by the various steps to win the MANTHAN competition by covering various topics such as market analysis, customer feedback, technology development, etc.,



- Institution's Innovation Council Organized a 5 day workshop on “**Generative AI - Models, Tools & Applications for Research**” from 29-01-24 to 02-02-24. The experts on generative AI, have given 3 hours of hands-on sessions along with research challenges and issues in the below topics.

Day 1: Introduction to Generative Adversarial network (GANs) Conditional GANs(cGANs)

Day 2: Conditional GANS(cGANs)

Day 3: Text Generation Models Application-Specific Session

Day 4: Style Transfer Image-to-Image Translation Deep Fake

Day 5: Langachain-Application Development

Department of ISE organized Workshop on Generative AI - Models, Tools & Applications for Research

Coordinators
Dr. S. Seetha & Dr. M. Poorani

Date: 29-01-24 to 02-02-24
 Time: 1 p.m to 4 p.m
 Meet link: <https://shorturl.at/ghiGV>

Dr. Seetha S I&E Head - ISE CMRIT
Dr. Jagadishwari V HOD-ISE CMRIT
Dr. Sharmila K P IIC-President CMRIT
Dr. Sanjay Jain Principal CMRIT

SL NO	DATE & TIME	RESOURCE PERSON	TOPICS
1.	29.01.2024 2.30 PM to 5.30 PM	Dr. Thangavel Murugan, Assistant Professor, Dept. of Information Systems Security, College of Information Technology, United Arab Emirates University, Al Ain, UAE.	<ul style="list-style-type: none"> Introduction to Generative Adversarial network (GANs) Conditional GANs(cGANs)
2.	30.01.2024 1PM to 4PM	Dr. S. Krithika, Assistant Professor, School of Computing, VIT Chennai.	<ul style="list-style-type: none"> Conditional GANs(cGANs)
3.	31.01.2024 1PM to 4PM	Dr. Sathya, Senior ML Engineer, AvalaraTechnologia, Chennai.	<ul style="list-style-type: none"> Text Generation Models Application-Specific Session
4.	01.02.2024 1PM to 4PM	Mr. Vinay R, Software Engineer, Akamai Technologies. Mr. Navdeep singh chaudhary, Software engineer, Bank of america.	<ul style="list-style-type: none"> Style Transfer Image-to-Image Translation Deep Fake
5.	02.02.2024 1PM to 4PM	Dr.K. Sivaselvi, Manager IT GaadiBazaar team, Cholamandalam Investment and Finance Company Limited, Chennai.	<ul style="list-style-type: none"> Langchain-Application Development

ARTIFICIAL INTELLIGENCE Technology Landscape

You're muted. Press Ctrl+Shift+M to unmute your mic, or press and hold the Ctrl+Spacebar.

Meeting chat

2:48 PM
Participants, please make the session interactive

2:49 PM
Dr. Vinutha M.R. (Guest)
yes sir

2:51 PM
Shreetha Bhat (Guest)
in DL

22 people are in the meeting

INDUSTRY CONNECT ACTIVITIES ATTENDED BY FACULTY

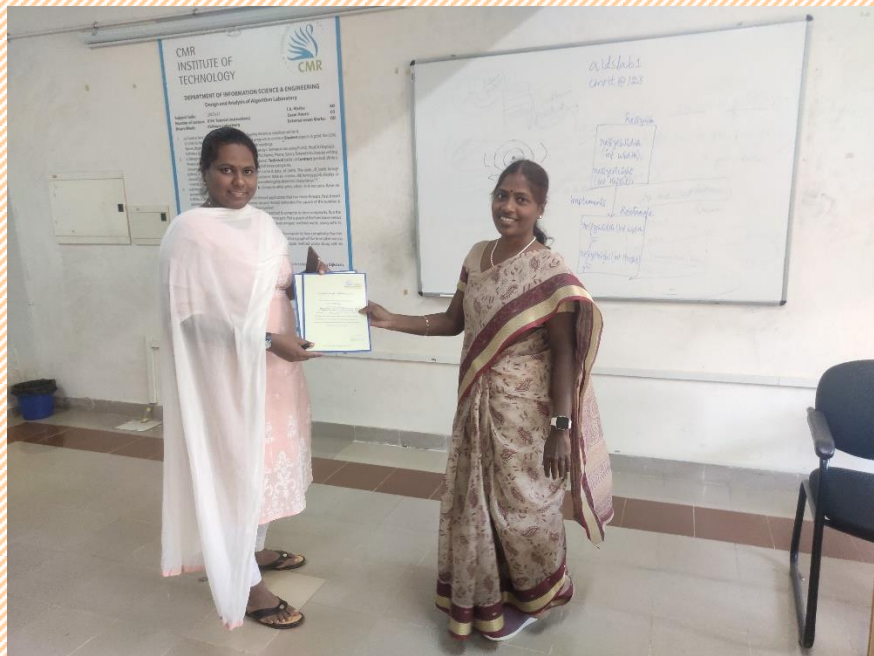
SL NO.	FACULTY	EVENT/TOPIC	VENUE
1	Dr. M. Poorani	5G Certificate Course	Wireless Access Division, NTIPRIT, Ghaziabad.
2	Prof. Shilpa Mangesh Pande	Building Advanced data analytics applications with cloud	Next Gen Employability Program - Online
3	Dr. Srividya R	Building Advanced data analytics applications with cloud	Next Gen Employability Program - Online
4	Prof. Vyshali Rao	Building Advanced data analytics applications with cloud	Next Gen Employability Program - Online
5	Dr. Senthil Velan S	Building Advanced data analytics applications with cloud	Next Gen Employability Program - Online
6	Prof. Poornima Manjunath	Wipro's Talent Next	Wipro - Online

FACULTY ACHIEVEMENTS

- Dr. Poorani M has published a Book chapter Titled “Innovative Applications of Data Science: NLP in Travel & Tourism Industries” during September 2023.



- Dr. Srividya R has published a Book chapter in Book Titled “Recent Trends in Computational Sciences” by Taylor and Francis Group during November 2023.
- Dr. Srividya R obtained VGST RGS/F funds for the proposal titled “Authenticated e waste Management using renewable resources”, 2022-2023



- Mrs. Rashmi & Mr. Harish L has published a Book chapter Titled “Applications of Artificial Intelligence in IOT” during September 2023.
- Mrs. Anaswara Venunadh received an Elite+ Silver Certificate in the NPTEL exam for the MOOC Course "The Joy of Computing Using Python" during October 2023.



Elite
NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
ANASWARA VENUNADH
 for successfully completing the course
The Joy of Computing Using Python

with a consolidated score of **85** %

Online Assignments	24.35/25	Proctored Exam	60.83/75
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Total number of candidates certified in this course: **16145**

Devendra Jalihal
Prof. Devendra Jalihal
 Chairperson,
 Centre for Outreach and Digital Education, IITM

Jul-Oct 2023
 (12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
swayam
 शिक्षा सर्वो, ज्ञान सर्वो

Roll No: NPTEL23CS108S43234981 To verify the certificate  No. of credits recommended: 3 or 4

- Mrs. Komala Devi received an Elite+ Silver Certificate in the NPTEL exam for the MOOC Course "The Joy of Computing Using Python" during October 2023.



Elite
NPTEL Online Certification
 (Funded by the MoE, Govt. of India)

This certificate is awarded to
K KOMALA DEVI
 for successfully completing the course
The Joy of Computing Using Python

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: **16145**

Devendra Jalihal
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 शिक्षा सर्वो, ज्ञान सर्वो

Roll No: NPTEL23CS108S43232169 To verify the certificate  No. of credits recommended: 3 or 4

- Mrs. Suman Patil received an Elite+ Silver Certificate in the NPTEL exam for the MOOC Course "The Joy of Computing Using Python" during October 2023.



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUMAN A PATIL
for successfully completing the course
The Joy of Computing Using Python

with a consolidated score of **81** %

Online Assignments	24.53/25	Proctored Exam	56.11/75
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Total number of candidates certified in this course: **16145**

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
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शुद्धी नये, श्रेष्ठ नये

Roll No: NPTEL23CS108S33234630 To verify the certificate  No. of credits recommended: 3 or 4

- Dr. Srividya R received an Elite+ Silver Certificate in the NPTEL exam for the MOOC Course "Introduction to Internet of Things" during October 2023.



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR SRIVIDYA RAMISETTY
for successfully completing the course
Introduction to Internet of Things

with a consolidated score of **80** %

Online Assignments	24.78/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **25880**

Jul-Oct 2023
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION
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शुद्धी नये, श्रेष्ठ नये

Roll No: NPTEL23CS83S33233217 To verify the certificate  No. of credits recommended: 3 or 4

STUDENT ACHIEVEMENTS

SL NO.	STUDENT	EVENT
1	Pannaga P S Kiran Basavaraj Kapasi Goutham G.S Nair Aryan Saraf	MANTHAN-FKCCI 2023 Business Plan Competition
2	Navya Narayan (Ise)	MANTHAN-FKCCI 2023 Business Plan Competition
3	Saket Gaurav	Awarded Bronze Honor in International Youth Math Challenge
4	Tasmea Yousuf	Awarded Bronze Honor in International Youth Math Challenge
5	Siddharth Golchha	Competitive programming Hackathon
6	Nirbhik Chaki	Winner of CMRIT MUN “ Delegates of Israel”
7	S B Samanth Jain	For designing best posture for CMRIT during IIC Regional Meet 2023
8	Ratnesh Vaibhav Pandey	Won 1st place with a cash prize of 1000 in Intra College Business Plan Presentation Competition organized by the Startup Club in association with IIC in January 2024
259	Ashutosh Gupta	Won 1st place with a cash prize of 1000 in Intra College Business Plan Presentation Competition organized by the Startup Club in association with IIC in January 2024
10	Monu Kumar	Won 2nd place with a cash prize of 700 in Intra College Business Plan Presentation Competition organized by the Startup Club in association with IIC in January 2024

11	Renushree D Pawan S Rahul Kumar Namitha G Rakshitha D Sagar Suresh Kannajjanavar Ramyra C Kiran Basavaraj Kapasi M. Satwik Rao Chetan S Swathi Banakar Divya P	Scholarship Awardees at CMRIT
12	Vignesh A M Sagar K Auysh Kumar Chetan S	First Place in VTU Bangalore Central Division Tournament – Hockey (M)
13	Leonard Leslie Rodrigues	First Place in VTU Bangalore Central Division Tournament – Volleyball (M)
14	Ashutosh Gupta Aryan Nishen Aman Kumar	Won Internal Smart India Hackathon



PLACEMENTS

COMPANY IN WHICH PLACED	STUDENTCOUNT	PACKAGE
Epicor	2	9.25 LPA
Epsilon	4	8 LPA
Maple Labs	2	5.5LPA
Q-SYS	1	9.17 LPA
Publicis Sapient	5	4.58 LPA
Gida technologies	3	6 LPA
o9 Solutions	8	9.25 LPA
Certometer	2	4.25 LPA
Accenture	10	4.5, 6.5
TATA ELXSI	1	3.5 LPA
Cimpress	1	12 LPA
LTTS	2	4 LPA
CEPTES	3	5 LPA
Koch	8	7.5 LPA
FIS	1	5.7 LPA
Oracle	6	7.27 LPA
Impelsys	4	7 LPA

Student Article

Money Dysmorphia

Do you often find yourself worrying excessively about money, even when your financial situation seems stable? How do you feel when you compare your financial status to that of others? Do you feel inadequate or stressed? Do you experience feelings of guilt or shame related to your financial habits or decisions? Then you may have Money Dysmorphia.

What is Money Dysmorphia why does it occur?

Money dysmorphia, a psychological condition marked by distorted perceptions of one's financial situation, arises from a complex interplay of psychological, social, and cultural factors. Individuals experiencing financial stress, societal pressures, or underlying mental health issues are particularly susceptible. This condition manifests through symptoms like exaggerated worry about money and irrational behaviors regarding spending and saving. Understanding its origins sheds light on the diverse demographic groups affected and the need for tailored interventions to address this pervasive issue.

Whom does it affect?

It's time to question! Does it affect you? Does it affect your friend? Does it affect your Parents or relatives? Well One study found that 43% of Gen Z and 41% of Millennials experience money dysmorphia, while 25% of Gen X and 14% of respondents aged 59 or above do not.

According to a survey, 69% of money dysphoric respondents say they don't think they'll ever be rich, and 95% say their obsession negatively impacts their finances. This can lead to some people being so obsessed with flaunting their riches that they stop paying attention to the social media that sparked their unwarranted anxiety. So, it's highly likely that you, or one of your friends could be a prey to this!

What are its Effects?

Money dysmorphia can lead to deteriorating mental health, including anxiety and depression, as well as strained relationships due to financial conflicts. Impaired decision-making may result in excessive debt and financial mismanagement, affecting long-term financial goals. Constant preoccupation with money can diminish overall well-being and quality of life. And the list goes on, the effects may be more brutal than we imagine.

What are the Solutions?

1. Multifaceted Approach: Treating money dysmorphia involves psychological interventions like Cognitive-behavioral therapy (CBT) and practical financial management strategies.
2. Practical Financial Guidance: Seeking professional financial advice aids in improving financial literacy, developing sustainable budgeting habits, and setting realistic goals.
3. Interpersonal Support: Open communication and collaboration within personal relationships can alleviate stress and tension related to money conflicts.

I think overcoming money dysmorphia involves finding contentment and balance regardless of financial circumstances as Plato says "The greatest wealth is to live content with little."

Alina Paul
1CR23IS011

Faculty Article

Striking a Balance between Innovation and Responsibility

In a world where machines are in charge, it means they're the ones making most of the decisions and running things instead of humans. This situation happens because machines, like computers and robots, have become incredibly smart and capable, often even smarter than people in certain ways.

Imagine a future where computers and robots are so advanced that they can do many tasks better and faster than humans. They're not just doing simple things like calculations or following instructions anymore; they're making big decisions, managing important systems like transportation or healthcare, and even controlling things like governments or businesses.

This future might seem efficient and convenient because machines can optimize processes and solve problems quickly. But it also raises some big questions. Like, what happens to human freedom and individual rights when machines are in control? Are we okay with giving up some of our decision-making power to machines, even if they're really good at it? And how do we make sure everyone benefits from this future, not just a select few who control the machines?

So, while a future where machines rule might sound cool in some ways, it's also a little scary and complicated. It's a reminder that we need to think carefully about how we use technology and make sure we're still in charge of our own destiny, even as machines become more and more powerful.

To prevent a future where machines control humans, we need to make rules and guidelines for how smart machines are built and used. These rules should ensure that machines are fair, transparent, and accountable for their actions. We also need to teach people about these machines so they understand how they work and can make informed decisions about them. It's important for different experts like scientists, policymakers, and ordinary people to work together and talk about how these machines should be used. By doing these things, we can make sure that machines help us, but don't take over our lives.

Balancing innovation and responsibility is necessary to find the right mix between trying new things and being careful about how they might affect people and the world. It's like exploring new ideas while also making sure they're safe and good for everyone. We want to keep moving forward and making cool stuff, but we also want to make sure it's done in a way that's fair, safe, and doesn't harm anyone or anything. By finding this balance, we can make sure that new inventions and ideas help make the world better for everyone.

Dr. Ciyamala Kushbu S
Asst. professor, ISE