

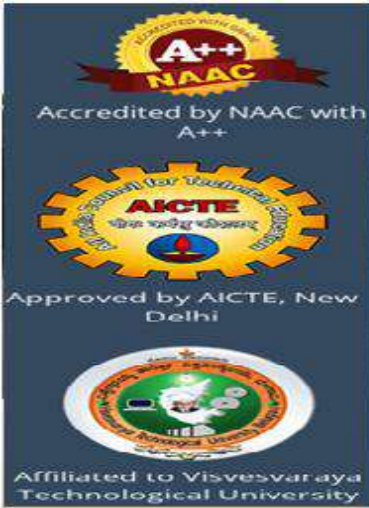
# INFO-RISES

VOLUME 13, ISSUE 1, SEPTEMBER 2025 – FEBRUARY 2026  
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 2025-26 ODD SEMESTER

VOLUME 13 ISSUE 1



**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.*

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**Newsletter Editor**

**Dr Senthil Velan S**

**Professor, Dept. of ISE, CMRIT**

## MESSAGE FROM HOD



We are delighted to publish February 2026 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

S. No.	CLUBNAME	EVENT	DATE OF CONDUCTION
1	Google DSC	Zero to Deploy: Web Development With Git	3 <sup>rd</sup> September 2025
		The Figma Kickoff	25 <sup>th</sup> September 2025
		The DSC Recruitment Drive	16 <sup>th</sup> October 2025
		Build and Launch	20 <sup>th</sup> November 2025
2	Coding Ninjas	UNREAL UNLOCKED - AN INNOVATIVE SEMINAR	18 <sup>th</sup> September 2025
		Pixel to Play: Game Art & Design Basics	25 <sup>th</sup> September 2025
		Intro to C#: Basics of Programming	29 <sup>th</sup> October 2025
		World Forge: Basics of World Building in Unity	26 <sup>th</sup> November 2025
3	RISE	"CODING GRAND PRIX: WHERE SPEED MEETS LOGIC"	18 <sup>th</sup> September 2025
		"CODEWARTS: THE SCHOOL OF LOGIC AND WIZARDRY"	25 <sup>th</sup> September 2025
		"Stranger Things: Enter the upside down"	26 <sup>th</sup> November 2025
		"DARK KNIGHT - THE GOTHAM CITY PROTOCOL"	3 <sup>rd</sup> December 2025

**ZERO TO DEPLOY:  
Web Development  
with Git**

Date: 03/09/2025  
Time: 2:00 PM-4:00 PM  
Venue: AV Hall[0-BLOCK]

Conducted by:  
Aniruddha S Holla  
& Ronish Rohan

Student Co.: Sohan(+91 9108795150) Sahil(+91 8383922494)  
Faculty Co.: Prof. Poornima Manjunath [+91 9743999249]



**Design smarter,  
Wireframe faster  
With**

**FIGMA**

**THE FIGMA KICKOFF**

Time: 2:00 pm - 4:00 pm  
Venue: LH504  
Date: 25th Sep, 2025

Conducted by:  
Divyanka Sinha  
Student Coordinators:  
Sohan: +91 9108795150  
Sahil: +91 8383922494  
Prof. Poornima Manjunath: +91 9743999249

REGISTER NOW!



**WE ARE RECRUITING!!  
JOIN OUR TEAM**

**RECRUITING FOR**

- Technical Team
- Editorial Team
- Design Team
- Promotions Team

Date: 16/10/2025  
Venue: LH505

Lost date to apply: 15<sup>th</sup> October 2025

Register Now:

<b>PRESIDENT</b> Sohan B +91 9108795150	<b>VICE PRESIDENT</b> Sahil Pradhan +91 8383922494	<b>FACULTY INCHARGE</b> Prof. Poornima Manjunath +91 9743999249
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**DSC PRESENTS**

**BUILD AND LAUNCH**

YOUR ONE-STOP WINDOW INTO THE STARTUP WORLD

DATE: 20/11/25  
 VENUE: BCS302  
 TIME: 2PM-4PM

Explore how it is built  
 Decode real-world tech  
 Kickstart Your Startup Skillset

REGISTER NOW!

PRESENTED BY: BONISH R & NIHAL

**O Roe**

FACULTY INCHARGE: Prof. Poornima Manjunath  
 CONTACT: +91 9743999249

STUDENT COORDINATORS: Nivedh S Kalaskar +91 6364734444  
 Aakanksha Kumari +91 7488695488



**UNREAL UNLOCKED**

an innovative seminar

18/9/25  
 4th floor AV Hall  
 2pm-4pm

STUDENT COORDINATORS:  
 NIVEDH S KALASKAR +91 6364734444  
 AKANKSHA KUMARI +91 7488695488

FACULTY COORDINATOR:  
 PROF. POORNIMA MANJUNATH +91 9743999249



Department of Information science and engineering  
 Coding ninjas presents

**PIXEL TO PLAY**

2PM-4PM  
 VENUE: LH-203  
 25/09/25

FACULTY COORDINATOR:  
 PROF. POORNIMA MANJUNATH +91 9743999249

STUDENT COORDINATORS:  
 NIVEDH S KALASKAR +91 6364734444  
 AKANKSHA KUMARI +91 7488695488



Coding Ninjas presents

# INTRO TO C#

DATE: 20/10/2025  
VENUE: LH 203  
TIME: 2-4PM

FACULTY COORDINATOR: PROF. POGHINA MARJURATH  
STUDENT COORDINATORS: MANOJ H. KALAHARI +91 9882924444  
MADHURAJA KUMAR +91 7888998888



# WORLD FORGE

JOIN US AND LEARN HOW TO BUILD YOUR VERY OWN GAMING WORLD!

EVENTS YOU'LL FIND: C++ PROGRAMMING, JAVA PROGRAMMING, PYTHON PROGRAMMING, C# PROGRAMMING, GAMES DEVELOPMENT, AI/ML PROGRAMMING, WEB DEVELOPMENT, MOBILE APP DEVELOPMENT, DATA SCIENCE, CLOUD COMPUTING, BLOCKCHAIN, QUANTUM COMPUTING, ROBOTICS, AR/VR DEVELOPMENT, CYBERSECURITY, NETWORKING, SYSTEMS ADMINISTRATION, DEVOPS, AI/ML PROGRAMMING, WEB DEVELOPMENT, MOBILE APP DEVELOPMENT, DATA SCIENCE, CLOUD COMPUTING, BLOCKCHAIN, QUANTUM COMPUTING, ROBOTICS, AR/VR DEVELOPMENT, CYBERSECURITY, NETWORKING, SYSTEMS ADMINISTRATION, DEVOPS.

REGISTER NOW!



# CODING GRAND PRIX

WHERE SPEED MEETS LOGIC

Venue: LH 101  
DATE: 18 Sept 2025

Event Coordinators  
Aditi: 7697946291



CMRIT RISE INSTITUTION'S INNOVATION COUNCIL

# CODEWARTS

THE SCHOOL OF LOGIC AND WIZARDRY

Venue: LH 201  
DATE: 25 Sept 2025  
TIME: 2:00-4:00 P.M

Event Coordinators  
Vedant: 8828268843  
Varshini: 9901767360

FACULTY COORDINATOR: PROF. POGHINA MARJURATH - 9743999249 | DOB: DR. JAGADESIWARAN V



**STRANGER THINGS**  
 ENTER THE WORLD DOWN

VENUE: ORD AV HALL  
 DATE: 26 NOV 2025  
 TIME: 2:00-4:00 P.M

EVENT COORDINATORS  
 AKMAL: 9500874266  
 SHAMA: 9632101192

FACULTY COORDINATOR : PROF POORNIMA MAJUMATHI - 9743999249 HOD : DR. JAGADISHWARI V



**DARK KNIGHT**  
 The Gotham City Festival

VENUE: 2<sup>ND</sup> FR AV HALL  
 DATE: 3 DECEMBER 2025  
 TIME: 2:00-4:00 P.M

EVENT COORDINATORS  
 HARRIS: 91471 77020  
 PRATHY: 63640 18991

FACULTY COORDINATOR : PROF POORNIMA MAJUMATHI - 9743999249 HOD : DR. JAGADISHWARI V



# INDUSTRY CONNECT


✳ Th Department of Information Science and Engineering conducted an Expert Talk on **“AI and Digital Transformation: Redefining the Future of Engineering”** by **Dr Kali Charan Nayak** – Principal Consultant, Infosys on **8<sup>th</sup> October 2025**.

**CMRIT** NAAC GRADE A++ ACCREDITED INSTITUTION **25** years of excellence

**OMR INSTITUTE OF TECHNOLOGY BENGALURU**

Department of Information Science and Engineering, is organizing an Expert Talk on **AI and Digital Transformation: Redefining the Future of Engineering**

**RESOURCE PERSON**

  
Dr. Kali Charan Nayak  
Principal Consultant, Infosys.

**08-10-2025**  
**02:00pm-03:00pm**

Venue: 2<sup>nd</sup> floor, A4 Hall, D' Block, #132, AECS Layout, ITPL Main Road, Kundalahalli, Bangalore-560037

Dr. Sanjay Kumar R, Assistant Professor-I/EE | Dr. Jagadeeshwari V, HOD-ISE | Dr. Sanjay Jain, PRINCIPAL

[www.omrit.ac.in](http://www.omrit.ac.in)

✳ An Expert Talk on **“Cyber Security and Emerging Attack”**, by **Mr Daman Preet** – Associate Information Security Analyst, Nomura Private Limited was conducted by the Department of Information Science and Engineering Conducted on **5<sup>th</sup> November 2025**. The talk provided insights into Cyber Security attacks in today’s emerging technological world.

**CMRIT** NAAC GRADE A++ ACCREDITED INSTITUTION **25** years of excellence

**OMR INSTITUTE OF TECHNOLOGY BENGALURU**

Department of Information Science and Engineering, is organizing an Expert Talk on **Cyber Security and Emerging Attack**

**RESOURCE PERSON**

  
**Mr. Daman Preet**  
Associate Information Security Analyst, Nomura Private Limited.

**05-11-2025**  
**11:00am-12:20pm**

Venue: LH204, 'C' Block, #132, AECS Layout, ITPL Main Road, Kundalahalli, Bangalore-560037

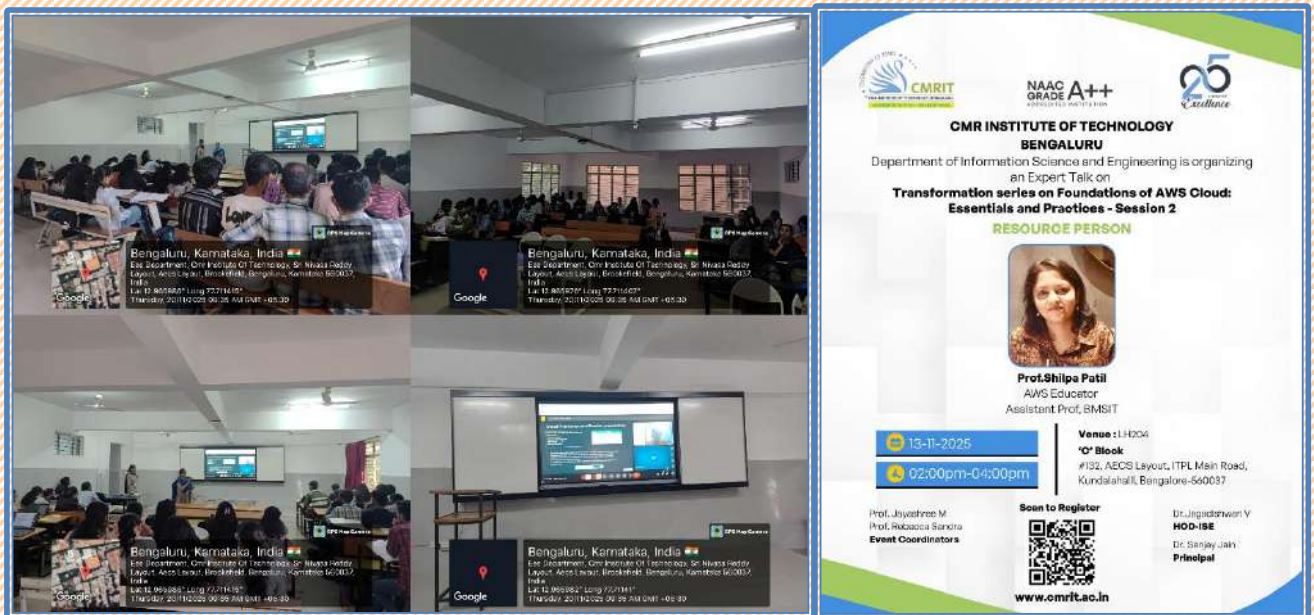
Prof. Jayashree M, Event Coordinator | Dr. Jagadeeshwari V, HOD-ISE | Dr. Sanjay Jain, Principal

[www.omrit.ac.in](http://www.omrit.ac.in)

✳ Department of Information Science and Engineering conducted Expert Talk on “**Transformation Series on Foundations of AWS Cloud: Essentials and Practices – Session 1**” by **Prof Indumathi S**, AWS Education, Assistant Professor, BMSIT on **12<sup>th</sup> November 2025**.



✳ Department of Information Science and Engineering conducted Expert Talk on “**Transformation Series on Foundations of AWS Cloud: Essentials and Practices – Session 2**” by **Prof Shilpa Patil**, AWS Education, Assistant Professor, BMSIT on **13<sup>th</sup> November 2025**.



# 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 during **September 2025 to February 2026**.

S. No.	Faculty Name	Topic of Discussion	Date
1	<i>Prof Dinesh Kumaar R</i>	<i>Neuromorphic Neural Networks</i>	<i>13<sup>th</sup> September 2025</i>
2	<i>Prof Mou Datta</i>	<i>Homomorphic Encryption</i>	<i>27<sup>th</sup> September 2025</i>
3	<i>Prof Sneha</i>	<i>Qutam Computers</i>	<i>27<sup>th</sup> November 2025</i>
4	<i>Dr Sridivya N</i>	<i>Prompt Engineering</i>	<i>26<sup>th</sup> December 2025</i>
5	<i>Dr Senthil Velan S</i>	<i>AI Tools for Support of Agriculture</i>	<i>12<sup>th</sup> February 2026</i>
6	<i>Dr Susheelamma K H</i>	<i>Foundations of Interdisciplinary Project-Based Learning</i>	<i>23<sup>rd</sup> February 2026</i>
7	<i>Prof Jayashree M</i>	<i>Problem Statement, Multiple Solution Ideas, Selection of Best IDEA</i>	<i>24<sup>th</sup> February 2026</i>
8	<i>Prof Komala Devi K</i>	<i>Foundations of Interdisciplinary Project Work - Prototyping Stage-2</i>	<i>26<sup>th</sup> February 2026</i>
9	<i>Prof Kamaleswari P</i>	<i>Foundations of Interdisciplinary Project Work</i>	<i>27<sup>th</sup> February 2026</i>





# FACULTY PUBLICATIONS

1. Cenitta D, Shwetha G K, Rao K V, **Ramisetty Srividya**, Arul N and Arjunan, R V, 2025, Explainable AI With Homomorphic Encryption for Secure Cloud-Based ECG Analysis in Heart Disease Diagnosis, **IEEE Access**. - Q1 Journal  
doi: [10.1109/ACCESS.2025.3614655](https://doi.org/10.1109/ACCESS.2025.3614655)
2. **Pandurangan Kamaleswari**, Padmavathy B, Nancy S J V, Mary J L R and M M R, Assessment of Digital Twins in Healthcare and Future Industry 6.0, In 2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), August, 2025, pp. 1754-1761, **IEEE**.  
doi: [10.1109/ICSCDS65426.2025.11167048](https://doi.org/10.1109/ICSCDS65426.2025.11167048)
3. **Ramisetty Srividya**, Sunayana, S, Rekha K S, Sonika S D, Nandini G, Narendar M and Sunad Kumara A N, A Transformer Guided Generative Adversarial Network (TG-GAN) for Style Transfer in Artistic and Natural Scene Images, **Ingenierie des Systemes d'Information**, 30(10), p.2707, 2025. - Q3 Journal  
doi: <https://doi.org/10.18280/isi.301016>
4. Vivekanand C V, Kalaiivani, **Ciyamala Kushbu S**, Inbamalar T M and Devi A, Intelligent Cooperative Spectrum Sensing with Energy Harvesting in Cognitive Radio Networks Using Optimized Subspace Search Algorithms, In 2025 9th International Conference on Inventive Systems and Control (ICISC), August, 2025, pp. 1459-1463, **IEEE**.  
doi: [10.1109/ICISC65841.2025.11188175](https://doi.org/10.1109/ICISC65841.2025.11188175)
5. **Susheelamma K H**, Ravikumar K M, Sampath S, Enhancing Academic Performance Prediction: A Novel Approach Using the TabNet Algorithm, In: Mercier-Laurent E, Jayaraman B, Ravisankar P, S., A D, Jayasimhan, A (eds) Computational Intelligence in Data Science. ICCIDS 2025. IFIP Advances in Information and Communication Technology, Vol. 750, 2026, Springer, Cham.  
doi: [http://doi.org/10.1007/978-3-031-98364-1\\_1](http://doi.org/10.1007/978-3-031-98364-1_1)

6. Kalaivani, A., **Kavitha, P.**, Dhivya, G., Aruna, D., Thulasi, T., Yong, X., Chan, C.K. and Rani, P., 2025. Enhancing IoT-based healthcare security with grey filter bayesian CNN and optimization algorithms. **Scientific Reports**, 15(1), p.38751 - Q1 Journal  
doi: <https://doi.org/10.1038/s41598-025-22453-w>
7. **Susheelamma. K. H.**, P. Marimuthu, R. D, C. C. Shanuja, V. I and P. N, A Hybrid Model for Predicting and Analyzing Digital Transaction Patterns Using Deep Neural Networks and XGBoost, **2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS)**, Bangalore, India, 2025, pp. 1-6  
doi: <https://ieeexplore.ieee.org/document/11234561>
8. Chamundeswari Arumugam, **Senthil Velan Suganantham**, and Srinivasan Vaidyanathan, Organizational Practices of Dynamic Project Scheduling using CPM, **Book Chapter, First Edition Deep Learning Applications in Operations Research**, Routledge, Taylor and Francis, eBook 9781003466314, 2026, (Book Chapter)  
doi: <https://doi.org/10.1201/9781003466314>
9. **Nishi Joshi Parsai**, Jain, S., Sharma, A. and Waghela, S., Optimized Machine Learning Pipeline for Object Detection in Automotive and Surveillance Systems, **In Proceedings of the 1st International Conference on Research and Development in Information, Communication, and Computing Technologies, ICRDICCT'25**, Vol. 2, SciTePress, pp. 27-37, 2025, IEEE  
doi: [10.5220/0013876300004919](https://doi.org/10.5220/0013876300004919)
10. **Arvind R.**, Tahseen Saba and Abhilash R, Comparative Evaluation of Machine Learning and Ensemble Models for Medical Diagnosis from Patient Profiles, **In 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, November, 2025, pp. 1-5, IEEE.  
doi: [10.1109/ICANCS65819.2025.11377921](https://doi.org/10.1109/ICANCS65819.2025.11377921)
11. **Sugunadevi, C.**, Maheswari, B.U., Kumar, G.S., Aparna, N. and Swathy, J., Groundnut Leaf Disease Detection: Transfer Learning with ResNet50 and Interpretability Through Grad-CAM, **In 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, November, 2025, pp. 1-6, IEEE.  
doi: [10.1109/ICANCS65819.2025.11377048](https://doi.org/10.1109/ICANCS65819.2025.11377048)

12. **Anaswara Venunadh**, Agrawal, S. and Mallick, A.Q., AI-Driven Detection of Fraudulent UPI Transactions Using Convolutional Neural Networks, In 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS), November, 2025, pp. 1-6, IEEE.  
doi: [10.1109/ICANCS65819.2025.11377368](https://doi.org/10.1109/ICANCS65819.2025.11377368)
13. **Komala Devi K** and Kumar J.P., 2025, Trend Analysis of Principal Crop Production and Use of Modern Technologies in Agriculture: A Case Study of State Tamil Nadu, In 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS), November, 2025, pp. 1-5. IEEE.  
doi: [10.1109/ICANCS65819.2025.11378150](https://doi.org/10.1109/ICANCS65819.2025.11378150)
14. Prasad, B., **Poornima Manjunath**., Nukala, C. and Shalini, M., Challenges of Code-Switching and Code-Mixing for Sentiment Analysis in Low-Resource Languages, In 2025 Third International Conference on Emerging Applications of Material Science and Technology (ICEAMST), November, 2025, pp. 1517-1522, IEEE.  
doi: [10.1109/ICEAMST67459.2025.11336084](https://doi.org/10.1109/ICEAMST67459.2025.11336084)
15. **Apurva Chaudhari**, K Shakthi, MP Rakshitha and S Kharan, Towards Touch-Free Interaction: Hand Gestures Using a Virtual Mouse, 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS), Bangalore, India, 2025, pp. 1-6, IEEE.  
doi: [10.1109/ICANCS65819.2025.11377397](https://doi.org/10.1109/ICANCS65819.2025.11377397).
16. M. S. Dhruva, R. Sunitha, K. S. Rekha, Shashank Dhananjay, Bhat Geetalaxmi Jairam, **Srividya Ramisetty** and S. R. Nandini, Optimized Cross-Modal Data Fusion Framework for Robust Emotion Recognition Multimodal using Hybrid Deep Learning Techniques, *International Journal of Intelligent Engineering & Systems*, 19(2), 2026 – Q3 Journal  
doi: [10.22266/ijies2026.0228.21](https://doi.org/10.22266/ijies2026.0228.21)
17. Raghavendra, K., **Srividya, Ramishetty**., Manoj Kumar, M. and Chandru, A.S., 2026. Blockchain-Based Framework for Secure Cloud Data Encryption Using Heterogeneous Bi-Directional Recurrent Neural Network, *Transactions on Emerging Telecommunications Technologies*, 37(2), p.e70329 – Q2 Journal  
doi: <https://doi.org/10.1002/ett.70329>

18. Chan, C.K., **Kavitha, P.**, Kalaivani, A., Chenumalla, G., Vanathi, A., Koushika, K.H. and Likhitha, G., Advancement in Diabetic Retinopathy Prediction: Utilizing Voting Classifiers Techniques for Early Detection, **Engineering, Technology & Applied Science Research**, 16(1), pp.31464-31468, 2026 – Q2 Journal  
doi: <https://doi.org/10.48084/etasr.14526>
19. **Ciyamala Kushbu S**, Deepa H, Y. Krishnaveni, B. Prasad, A. Bhasha and A. D. P, Hybrid Architecture for Video-Based Real-Time Posture Correction Using Mediapipe and CNN1D, **2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, Bangalore, India, 2025, pp. 1-6, IEEE.  
doi: [10.1109/ICANCS65819.2025.11377272](https://doi.org/10.1109/ICANCS65819.2025.11377272)
20. **Ciyamala Kushbu. S**, A. D. P, M. K, B. Prasad, R. A. Prathap and Y. K, Enhanced Accident Severity Prediction Using LightGBM-CNN Fusion Framework, **2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, Bangalore, India, November, 2025, pp. 1-6. IEEE.  
doi: [10.1109/ICANCS65819.2025.11377327](https://doi.org/10.1109/ICANCS65819.2025.11377327)
21. **Ciyamala Kushbu, Varsha Jituri**, C. S. Kumar, B. Prasad, R. T. V and S. N. G., Smart and Advanced IoT-Based Forest Monitoring and Wildlife Detection System, **2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, Bangalore, India, November, 2025, pp. 1-6. IEEE  
doi: [10.1109/ICANCS65819.2025.11377236](https://doi.org/10.1109/ICANCS65819.2025.11377236)
22. **Silpa Mahesh Pande**, Karanth, S., Herale, P.N. and Bekalkar, A.P., Hybrid Ensemble-XAI Framework for Intelligent Livestock Disease Detection, **In 2025 5th International Conference on Mobile Networks and Wireless Communications (ICMNWC)**, December, 2025, pp. 1-7, IEEE.  
doi: [10.1109/ICMNWC66779.2025.11354217](https://doi.org/10.1109/ICMNWC66779.2025.11354217)
23. **Srividya Ramisetty**, Manu, M.N. and Murali, M.C., Implementation of EAES using Image Key, **In 2025 International Conference on Advances in Next-Gen Computer Science (ICANCS)**, Bangalore, India, November, 2025, (pp. 1-6). IEEE.  
doi: [10.1109/ICANCS65819.2025.11377501](https://doi.org/10.1109/ICANCS65819.2025.11377501)

# STAFF AWARDS

- ✦ **Dr Srividya R**, Associate Professor of ISE Department, was awarded the **Faculty for Significant Contribution and Leadership Award** in the category **Process and Perception, Organization Databases and Activities** and subcategory **IQAC Progress and Compliance** for the **Academic Year 2024-2025**
- ✦ **Prof Kavitha P**, Assistant Professor of ISE, was awarded the **Most Dedicated Faculty Award** in the category **Special Support/Achievement** for the **Academic Year 2024-2025**



# PATENTS FILED

S. No.	Name of the Faculty	Patent Title	Application No
1	Dr Jagadishwari V	<i>Intelligent self-adaptive shoes with hydrophobic and Aeriating layers using SMP</i>	202541093258
2	Dr S Senthil Velan	<i>Vehicular Pollution Carbon Capture Device (VPCCD)</i>	202541092308
3	Dr S Seetha	<i>Automated Smart Ventilation Window System with Sensor-Based Slat Adjustment for Smart Home</i>	202541093739
4	Dr Susheelamma K H	<i>Hybrid Energy Floor: Enhancing EV Performance through Integrated Battery and Supercapacitor Storage</i>	202541091750
5	Prof Shilpa Mangesh Pande	<i>Haptlet Bracelet: The Silent Communicator</i>	202541090714
6	Dr Ciyamala Kushbu S	<i>Biodegradable Packaging with Consumer-Activated Rigidification</i>	202541092870
7	Prof Arvind R	<i>AI-Powered Smart Adaptive Fan System with IoT for Dynamic Temperature-Based Speed Control</i>	202541090868
8	Prof Nivedita V S	<i>HealthCheck Pen: A Multi-Disease Detector</i>	202541092517
9	Prof Poornima Manjunath	<i>Portable Food Preservative</i>	202541083713
10	Prof Deepa H	<i>Smart Self-Cleaning Screen Protector</i>	202541092859
11	Prof Manasa C H	<i>Smart Sequential Button-Press Activated Zipper Lock</i>	202541092878
12	Prof Apurva Chaudhari	<i>Auto-Capping Multicolor Smart Pen with Ink Switching and LED Feedback System</i>	202541091805

13	<i>Prof M Vijaysanthi</i>	<i>Smart Wristband for Real-Time Hydration and Toxicity Monitoring in Human Body Fluids, Designed for Kidney Disease Patients</i>	202541091881
14	<i>Dr Suruhi</i>	<i>Smart Helmet with Mood Adaptive Ventilation</i>	202541092889
15	<i>Prof Kavitha P</i>	<i>Versatile Power Hub</i>	202541091392
16	<i>Prof Abdul Kather S</i>	<i>Emergency Pepper Spray for Women with Location Tracking</i>	202541092810
17	<i>Prof Kamaleswari P</i>	<i>Smart Auto Cut-Off Power Adapter</i>	202541093580
18	<i>Prof Dinesh Kumaar R</i>	<i>Female Hygiene Management System with Baby Cry Signal Processing</i>	20541093105
19	<i>Prof Mou Datta</i>	<i>Smart Call Assistant for Interactive Personal Call Management</i>	202541093695
20	<i>Prof Kamaleswari P</i>	<i>Stress Relief Cap for Migraine with Integrated Cold/Heat</i>	202541096794
21	<i>Prof Rebecca</i>	<i>Smart QR-Based Attendance System</i>	202541106154
22	<i>Dr Sridivya</i>	<i>Intelligent Adaptive Podium for Real-Time Lecture Recording, Transcription, and Personalized Height Adjustment Using Facial Recognition</i>	202541105128
23	<i>Keerthana K, Kshithish Harish, Prof Abdul Kather S</i>	<i>Smart Anti-Drowsiness Pen/Pencil with Micro-Movement and Grip Pressure Detection for Focus and Alertness</i>	202641001536
24	<i>Poorvik Shetty Y, Kartik Jayavant Lakkumane, Prajwal Hegade, R Harsha</i>	<i>Weighing Shoes</i>	202541115566
25	<i>Dr Srividya R</i>	<i>ECO-REROUTE</i>	202541080068
26	<i>Prof Manasa C</i>	<i>Smart Attendance System Using Ambient Acoustic Fingerprinting for Location Authentication</i>	202641001936
27	<i>Dr Ciyamala Kushbu S</i>	<i>TACTILE NAVIGATION PACKAGING WITH EMBEDDED SPATIAL MAPPING FOR VISUALLY IMPAIRED</i>	202641000087
28	<i>Prof K Komala devi</i>	<i>AI-Driven Crop-Specific Multichannel Irrigation for Sustainable Water Management in Multi-Crop Cultivation</i>	202541093070

# I&E CELL ACTIVITIES



✳ In association with IIC of CMRIT, Department of ISE organized a half-a-day event focused on the theme “**Design Thinking for Innovation and Patent Drafting for ISE Students**” on **30<sup>th</sup> October 2025** from 2:00 PM to 4:00 PM in BS101, 1<sup>st</sup> Floor of B Block. **Prof Anaswara Venunadh**, Assistant Professor, Department of ISE, presented the need to understand and adopt Design Thinking in order to innovate and draft patents. The session had excellent participation by the Students with enthusiasm to understand the necessity for applying Innovation as problem solving skills.

**CMRIT** NAAC GRADE **A++** INSTITUTION'S INNOVATION COUNCIL **25** Years

**OMR INSTITUTE OF TECHNOLOGY BENGALURU**

The Institution's Innovation Council (IIC)-CMRIT in association with the Department of ISE is organizing **Design Thinking for Innovation and Patent Drafting for ISE Students**

**RESOURCE PERSON**

**Prof. Anaswara Venunadh**  
Assistant Professor  
Department of ISE, CMRIT

**30-10-2025**  
**02:00pm-04:00pm**

**Venue: BS101 'B' Block**  
#132, AECS Layout, ITPL Main Road, Kundalahalli, Bangalore-560037

Prof. Anaswara Venunadh  
**Coordinator**

Dr. S. Srinivas  
**IIC, Vice President**

**Scan to Register**

**Dr. Vaidya Ravi J. IIC, President**  
**Dr. Jagadishwari V. HOD-ISE**  
**Dr. Binayak Jain Principal**

[www.cmrit.ac.in](http://www.cmrit.ac.in)



✳ Department of ISE in association with IIC of CMRIT organized a half-a-day workshop focused on “**Innovation through Design Thinking for First Year ISE Students**” on **30<sup>th</sup> October 2025** from 2:00 PM to 4:00 PM in B Block classroom BS102. The session was handled by **Prof Jayashree M**, Assistant Professor, Department of ISE, and the I Year B Section students understood the need for learning design thinking skills for innovation.



✳ Department of ISE in association with IIC of CMRIT organized a half-a-day workshop focused on “**Patent Drafting and Filing for First Year ISE Students**” on **30<sup>th</sup> October 2025** from 2:00 PM to 4:00 PM in B Block classroom BS103. The session was handled by **Dr Susheelamma K H**, Associate Professor, Department of ISE, and the I Year C Section students understood the processes of drafting and filing an Indian Patent application.



- ✨ Department of ISE in Association with IIC CMRIT organized “**Bootcamp on Problem Solving/Ideathon**” on **3<sup>rd</sup> November 2025**, from 10:00 AM to 12:30 PM. In 2<sup>nd</sup> floor AV Hall, D Block. **Mr. Sriharsha Nallamilli**, Head of Strategic Partnerships & Marketing, Wadhvani Foundation, Bengaluru, served as Judge for the event and provided his thoughts and views to the participants.



- ✨ Department of ISE in association with IIC of CMRIT organized a one-day event focused on the theme “**Social Impact Hackathon 2026 for Sustainable Development**” on **11<sup>th</sup> November 2025** from 9:00 AM to 3:00 PM in C Block labs L212 and L213 and 4<sup>th</sup> Floor AV Hall of D Block. Students have participated enthusiastically in the event and provided thoughtful solution for the problems.



\* Department of ISE in association with IIC of CMRIT organized a one-day event focused on the theme “**Session on Achieving Problem-Solution Fit**” on **12<sup>th</sup> November 2025** from 8:00 AM to 4:00 PM in 2<sup>nd</sup> Floor AV Hall of D Block. **Mr Naved A**, Entrepreneur, Lean Startup Enthusiast, Bengaluru provided his insightful thoughts to the students of ISE.

**CMR INSTITUTE OF TECHNOLOGY  
BENGALURU**

The Institution's Innovation Council (IIC)-CMRIT in collaboration with the Department of ISE is organizing a  
**Session on Achieving Problem-Solution Fit**

**RESOURCE PERSON**

**Mr. Naved A**  
Entrepreneur  
Lean Startup Enthusiast

📅 12-11-2025

🕒 8:00am-4:00pm

**Venue :** AV Hall, 2<sup>nd</sup> Floor  
**'D' Block**  
#132, AEC'S Layout, ITPL Main Road,  
Kundalahalli, Bangalore-560037

Prof. K. Korasa Devi  
**ISE Head - ISE**

Dr. S. Sothra  
**IIC, Vice President**

**Scan to Register**

[www.cmrit.ac.in](http://www.cmrit.ac.in)

Dr. V. K. Ravi J.  
**IIC, President**

Dr. Jagadishwari V  
**HOD-ISE**

Dr. Sowmya Jain  
**Principal**



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# Assistive Technology

✳ Department of ISE - CoE Assistive Technology has Organized an Expert Talk on **“Technical Trends on Innovation with Empathy: The Evolving World of Assistive Technology”** on **10<sup>th</sup> November 2025** from 3:00 pm – 4:00 pm at LH206 of Block “C”. **Ms Lucky Dadlani**, Student, Department of Information Science and Engineering, CMRIT, Bengaluru conducted the event and provided good information about the evolution of Assistive Technologies to the attendees.



The image shows a promotional poster for an event and two screenshots of a mobile location app. The poster is for an event at CMRIT Bengaluru, featuring a resource person, Mr. Lucky Dadlani, on November 10, 2025, from 3:00 pm to 4:00 pm in Block C. The poster includes logos for CMRIT, NAAC A++, and the Center of Excellence. It also lists the venue as LH206, #132, AECS Layout, ITPL Main Road, Kundalahalli, Bangalore-560037, and provides contact information for the Head COE-AT and the Principal. A QR code is provided for registration. The two screenshots show a mobile app interface with a map, a location pin, and weather information for the event location. The weather is 15.14 km, 10/11/2025, with scattered clouds and a temperature of 28.0 °C. The location is identified as the ESE Department, CMR Institute of Technology, AECS Layout, Bengaluru, Karnataka.

- \* Department of ISE - CoE Assistive Technology has Organized an Expert Talk on **“Evolution and Revolution of Assistive Technologies”** on **5<sup>th</sup> December 2025** from 2:00 pm – 4:00 pm at LH201 of Block “C”. **Dr J Joshua Samuel Raj**, Associate Professor, Department of Computer Science and Engineering (Data Science), New Horizon College of Engineering, Bengaluru gave an excellent talk to the students of ISE and other members of the CoE.



- \* Department of ISE - CoE Assistive Technology has Organized an Expert Talk by **Mr Kesava Krishnan Madhavan**, Leader of Software Engineering, Cisco Systems, Bengaluru on **“Recent Advances in Assistive Web Accessibility: From Innovation to Entrepreneurial Solutions”** on **27<sup>th</sup> February 2026** from 10:30 AM – 12:30 PM at LH205 of 2<sup>nd</sup> Floor, Block “C”. **Mr Kesava** delivered a thought-provoking talk to the students of ISE and other members of the CoE.



\* **Dr Srividya R** Head of CoE - Assistive Technology and **Dr Shyam P Joy**, Head R&I, CMRIT attended **Strategic Design Workshop** held on **28th January 2026**, at IITB, Bengaluru.





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## Explainable AI

- ✦ Department of ISE - CoE Explainable AI has Organized an Expert Talk on **“Building Transparent Agentic AI Systems”** on **10<sup>th</sup> September 2025** from 2:00 PM – 4:00 PM. **Ms Sudiptaa Paul Choudhury**, CMO, QNU Labs, Bengaluru gave a thoughtful talk to the students and members of the CoE.

The image displays two side-by-side screenshots. The left screenshot is a registration poster for an expert talk. It features the CMRIT logo, the text 'Department of ISE Center of Excellence for Explainable AI is organizing an EXPERT TALK on BUILDING TRANSPARENT AGENTIC AI SYSTEMS', a photo of Ms. Sudiptaa Paul Choudhury, a QR code labeled 'Scan to Register', and contact information for Prof. Varaha D. (Head-CEE XAI), Dr. Valsala J. (SIG, President), Dr. Jagadeeshwari (HEAD, ISE), and Dr. Saroj Jay (Principal). The website www.cmril.ac.in is also listed. The right screenshot shows a Zoom meeting interface. The main window displays a slide titled 'Standards to adopt:' with a bulleted list: '• NIST AI Risk Management Framework (1.0): governance, map-measure-manage; emphasizes transparency, documentation, monitoring. Source: [nist.gov](#)', '• EU AI Act (2024): transparency & record-keeping duties, risk classification, conformity assessments for high-risk use.', and '• ISO/IEC 42001 (2023): AI management system standard—roles, processes, continual improvement. Source: [laborance.com](#)'. The interface also shows a grid of participants and a video feed of Ms. Sudiptaa Paul Choudhury.

- \* The CoE Explainable AI of Department of ISE Organized an Expert Talk on **“Explainable AI for Responsible Gen AI Applications”** on **10<sup>th</sup> September 2025** from 2:00 PM – 4:00 PM. **Dr Mungala Sethu Pavan**, Senior Developer, WNS Next, Bengaluru gave an excellent presentation and discussed with the students and members of the CoE on developing a good and responsible Gen AI applications.



# ALUMNI EVENTS

- ① The **Mock Interview** for final year students of the ISE Department, CMRIT, was successfully conducted on **6<sup>th</sup> October 2025** from **6:00 PM to 8:00 PM** in online mode, with participation from five students. The session, led by esteemed alumnus **Mr Ayush Dubey**, currently working as a Business Architecture Analyst at Accenture, Bengaluru, proved to be a valuable initiative in enhancing students' interview readiness.



- ① **CMRIT Alumni Sports Meet** was held on **22<sup>nd</sup> November 2025** from **10:00 AM** in the CMRIT multipurpose ground. A good number of ISE alumni participated in the event and showcased their skills during the events.



# INDUSTRY CONNECT ACTIVITIES ATTENDED BY FACULTY

<i>S. No.</i>	<i>Faculty name</i>	<i>Event/Topic</i>	<i>Venue</i>
1	Dr Srividya R	Strategic Design Workshop held on 28th January 2026	IIITB, Bengaluru
2	Dr Senthil Velan S	IT Leadership Meet organized by IT Milans, RSS, Bengaluru held on 22 <sup>nd</sup> February 2026	CMRIT Campus, Bengaluru
3	Dr Senthil Velan S	IEEE Conference Organizers Education Workshop 2026 held on 2 <sup>nd</sup> February 2026	IEEE Bangalore Section organized at Holiday Inn Bengaluru
4	Dr Seetha S	IIC Regional Meet 2025 held on 2 <sup>nd</sup> December 2025	M S Ramaiah Institute of Medical Sciences, Bengaluru





# FACULTY ACHIEVEMENTS

- ❁ **Prof Jayashree M** has published the research article titled [Conceptual metaphor quantum correlation and radial basis extreme learning for predicting chronic kidney disease](#) in the [Computers and Electrical Engineering Journal](#), which is a Scopus Q1 journal.
- ❁ **Prof Kavitha P** has published the research article titled [Advancement in Diabetic Retinopathy Prediction: Utilizing Voting Classifiers Techniques for Early Detection](#) in the [Engineering, Technology & Applied Science Research \(ETASR\) Journal](#), which is a Scopus Q2 journal.
- ❁ **Dr Senthil Velan S** was the Chief Guest for the Valedictory Function of the [9th International Conference on Computational Intelligence and Data Science \(ICCIDS 2026\)](#), held during January 08–10, 2026 in SSN College of Engineering, Chennai.
- ❁ **Dr Senthil Velan S** has published a Book Chapter titled [Organizational Practices of Dynamic Project Scheduling using CPM in the First Edition, Deep Learning Applications in Operations Research](#), Routledge, Taylor and Francis.
- ❁ **Dr Srividya R** has published the research article titled [Explainable AI with Homomorphic Encryption for Secure Cloud-Based ECG Analysis in Heart Disease Diagnosis](#) in the [IEEE Access Journal](#), which is a Scopus Q1 journal.
- ❁ **Dr Srividya R** has published the research article titled [A Transformer Guided Generative Adversarial Network \(TG-GAN\) for Style Transfer in Artistic and Natural Scene Images](#) in the [Ingenierie des Systemes d'Information Journal](#), which is a Scopus Q3 journal.
- ❁ **Dr Srividya R** has published the research article titled [Optimized Cross-Modal Data Fusion Framework for Robust Emotion Recognition Multimodal using Hybrid Deep Learning Techniques](#) in the [International Journal of Intelligent Engineering & Systems Journal](#), which is a Scopus Q3 journal.
- ❁ **Dr Srividya R** has published the research article titled [Blockchain-Based Framework for Secure Cloud Data Encryption Using Heterogeneous Bi-Directional Recurrent Neural Network](#) in the [Transactions on Emerging Telecommunications Technologies Journal](#), which is a Scopus Q2 journal.
- ❁ **Prof Komala Devi K** obtained 100% pass percentage in the VII Semester course [Parallel Computing](#).

# FACULTY NPTEL / MOOC COURSES COMPLETED

- ❁ **Dr Susheelamma K H** received an **Elite Certificate** in the NPTEL exam for the 12 Weeks MOOC Course **Cyber Security and Privacy** during the July-October 2025 semester.
- ❁ **Prof Shilpa Pande** received a **Gold Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Big Data Computing** during the August-October 2025 semester.
- ❁ **Prof Sugunadevi C** received an **Elite Certificate** in the NPTEL exam for the 12 Weeks MOOC Course **Software Testing** during the August-October 2025 semester.
- ❁ **Prof Arvind R** received an **Elite Certificate** in the NPTEL exam for the 12 Weeks MOOC Course **Cloud Computing** during the August-October 2025 semester.
- ❁ **Prof Nidhi Joshi Parsai** received an **Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Theory of Computation** during the August-October 2025 semester.
- ❁ **Prof Anaswara Venunadh** has **Successfully Completed** the NPTEL exam for the 8 Weeks MOOC Course **Introduction to Operating System** during the August-October 2025 semester.
- ❁ **Prof Deepa Harish** received an **Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Introduction to Machine Learning** during the August-October 2025 semester.
- ❁ **Prof Manasa C H** received an **Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Introduction to Machine Learning** during the August-October 2025 semester.
- ❁ **Dr Ciyamala Kushbu** received a **Silver Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Introduction to Machine Learning** during the August-October 2025 semester.
- ❁ **Prof Poornima Manjunath** received an **Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Database Management System** during the August-October 2025 semester.
- ❁ **Prof Varsha Jituri** received a **Gold Elite Certificate** in the NPTEL exam for the 12 Weeks MOOC Course **Programming in JAVA** during the August-October 2025 semester.
- ❁ **Dr Saba Tahseen** received a **Silver Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Big Data Computing** during the August-October 2025 semester.

- ❁ Prof Apurva Chaudhari received an **Elite Certificate** in the NPTEL exam for the 12 Weeks MOOC Course **Software Engineering** during the August-October 2025 semester.
- ❁ Prof Jayshree M received a **Gold Elite Certificate** in the NPTEL exam for the 8 Weeks MOOC Course **Big Data Computing** during the August-October 2025 semester.
- ❁ Prof Vijayasanthi M has **Successfully Completed** the NPTEL exam for the 8 Weeks MOOC Course **Data Structure using Python** during the August-October 2025 semester.
- ❁ Prof Suruchi Sabherwal has **Successfully Completed** the NPTEL exam for the 8 Weeks MOOC Course **Data Structure using Python** during the August-October 2025 semester.
- ❁ Prof Abdul Kather S received an **Elite Certificate** the NPTEL exam for the 12 Weeks MOOC Course **Data Structures and Algorithm Using Java** during the August-October 2025 semester.
- ❁ Prof Dinesh Kumar R has **Successfully Completed** the NPTEL exam for the 12 Weeks MOOC Course **Data Structures and Algorithms Design** during the August-October 2025 semester.



# STUDENT ACHIEVEMENTS

S. No.	Name(s) of Students	Event and Achievement(s)
1	Divyam Kishor Paswan- 1CR24IS065 B Ridhi Shenoy - 1CR24IS037 Pranav Anand - 1CR24IS128 Divyanka Sinha - 1CR24IS066	Won Third prize with a cash award of Rs 600 in the event Thinkbuild Showcase held on 26-11-2025.
2	Kethan V R - (1CR24IS088) Divya G - (1CR24IS070)	Won a Special Award in IDEATHON 2025, a National Level Idea Pitching Contest organized by the Bangalore Institute of Technology in collaboration with the Agastya International Foundation and Samsung
3	Kethan V R - (1CR24IS088) Divya G - (1CR24IS070) Gagan M L - (1CR24IS071) Jeevith P S - (1CR24IS108)	Won the Consolation Prize in VYUHATECH 2.0 (National Level 24-Hour Hackathon), a highly competitive hackathon organized by CMR Institute of Technology.
4	Emani Sai Shanmukha Srinivas - (91CR24IS069)	Placed among the top 5 teams in the College Level Manthan Competition for his proposed startup "Huslr" held on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2026.
6	Jai Shruthi N - (1CR23IS070) Namratha N - (1CR23IS108)	Secured III Place and won a cash Award of Rs 10,000 in SRUJANA 2025 - the National Tech Fest of Chanakya University, Bengaluru.
7	Chandhan U Achar - (1CR23IS037)	Received the "Best Idea Award" in IEEE CEDA Ideathon jointly organized by VTU and IEEE CEDA Bangalore Chapter
8	Rudraksh - (1CR23IS139)	Received the "Outstanding Award" for his innovate project "AI Legal Advisor" in the International Startup Ideathon - DSU International Affairs with Indo-Euro Synchronization in collaboration with FyrstGen (Europe) held on 27 <sup>th</sup> November 2025 at Dayanada Sagar University, Bengaluru
9	Ketan V R - (1CR24IS088) Divya G - (1CR24IS070) Gagan M L - (1CR24IS071)	Won a cash award of Rs 5000 in the event "Prompt to Product" at "Acharya habba 2025" held at Acharya Institutes, Bengaluru from 13 <sup>th</sup> to 14 <sup>th</sup> November 2025.
10	Kethan V R - (1CR24IS088) Divya G - (1CR24IS070) Prakruthi Madaiah - (1CR24EC150)	Received 3 <sup>rd</sup> place and won US\$100 in the event "Team-X" at IEEE Affinity Groups, Communities and Societies Summit Ideathon 2025 - IACSS 2025 organized by IEEE Young Professionals Group.
11	Emani Sai Shanmukha Srinivas - (91CR24IS069)	Won Third Prize in the BUILD@IDS held on 29 <sup>th</sup> January 2026.







# PROJECT EXHIBITION

## INNOVATION Project Exhibition by 3<sup>rd</sup> Semester ISE (Batch 2024-2028)

**A Mini Project Exhibition** was held on **24th December 2025** in ISE Department **L-208** and **L-213** from **02:00 PM to 04:00 PM**. There are totally **74 Mini Project Teams** in 3<sup>rd</sup> semester guided by faculties of the department. The projects developed were based on latest technologies like *Data Transformation using Database Systems, Usage of Advanced Java programming for application development, Application of IoT (Internet of Things), Application development using Artificial Intelligence and Machine Learning, Image Processing based applications, Web Technology based Application Development* and other related fields.

Out of the 74 teams, **10 teams** were selected for display, based on reviewers and respective guides suggestions/comments.





### Winners of the Innovation Project Exhibition 3<sup>rd</sup> Semester

Position	Batch	Title	Student Members
I Prize	Batch 74	Medi-Bot	1CR24IS065 - Divyam Kishor 1CR24IS037 - B Ridhi Shenoy 1CR24IS066 - Divyanka Sinha 1CR24IS128 - Pranav Anand
II Prize	Batch 19	Sales Prediction System for a Retail Store	1CR24IS081 - Jessa Mariya Joe 1CR24IS082 - Jiya 1CR24IS083 - Jyotsna G
III Prize	Batch 13	Money Oriented Problem Arranger	1CR24IS026 - Apeksha C Rao 1CR24IS056 - Dadapeer K 1CR24IS019 - Amrutha B R

### ENTREPRENEURSHIP Project Exhibition by 5<sup>th</sup> Semester ISE (Batch 2023-2027)

**An Entrepreneurship Project Exhibition** was held on **22<sup>nd</sup> November 2025** in ISE Department **L-208 and L-209** from **02:00 PM to 04:00 PM**. There are totally **69 Entrepreneurship Project Teams** in 5<sup>th</sup> semester guided by faculties of the department. The projects developed were based on latest technologies like *Data Transformation using Database Systems, Usage of Advanced Java programming for application development,*

*Application of IoT (Internet of Things), Application development using Artificial Intelligence and Machine Learning, Image Processing based applications, Web Technology based Application Development and other related fields.*

Out of the 69 teams, **23 teams** were selected for display, based on reviewers and respective guides suggestions/comments.



The image shows an event poster on the left and a photograph on the right. The poster is for CMRIT Bengaluru, featuring logos for CMRIT, NAAC Grade A++, and the Institution's Innovation Council (IIC). It announces an "Innovative Project Demonstration and Evaluation for 5th Sem ISE Students" on 20-11-2025 from 02:00pm to 04:00pm. The venue is L209 and L209 'O' Block, #32, AECIS Layout, ITPL Main Road, Kundalahalli, Bengaluru-560037. The poster lists the following staff: Prof. Jyoti Prasad M. (Event Coordinator), Dr. S. Srinivas (IIC, Vice President), Dr. Varsha Bose J. (IIC, President), Dr. Ingeesthwan V. (HOD-ISE), and Dr. Sarathy Jain (Principal). The website www.cmr.it.ac.in is also provided. The photograph on the right shows a group of students in a computer lab, with some students looking at laptops and others talking to a staff member.





### Winners of the Entrepreneurship Project Exhibition 5<sup>th</sup> Semester

Position	Batch	Title	Student Members
I Prize	Batch 46	Sanghathi - AI driven Career Insights & SWOT Analysis	1CR23IS160 - Shovan Mondal 1CR23IS094 - Akash kashyap 1CR23IS085 - Kusum Jorapur 1CR23IS028 - Beeshma Arjun K
II Prize	Batch 34	An E-com Digital Platform with AI based Interface	1CR23IS008 - Akanksha Pandit 1CR23IS009 - Akansha Kumari 1CR23IS193 - Vedant Gupta
III Prize	Batch 4	Gym Website	1CR23IS004 - Aayush Singh 1CR23IS063 - Harsha Vardhan T 1CR23IS033 - Bibek Chaube 1CR23IS021 - Arya Swaraj

# PLACEMENTS

S. No.	PLACED COMPANY	STUDENT COUNT	PACKAGE
1	<b>plivo</b>	1	<b>10 LPA</b>
2	Mathco	5	4.50 LPA
3	<b>Clarivate Analytics</b>	7	7.5 LPA
4	<b>Parallel Wireless</b>	2	<b>8-10 LPA</b>
5	Infosys	15	3.60 LPA
6	Eurofins	3	8 LPA
7	<b>Oracle GSC</b>	4	<b>9.82 LPA</b>
8	Cognizant	6	4 LPA
9	Oracle Financial Services Software Ltd	1	6.62 LPA
10	Virtusa	1	5 LPA
11	Mindsprint	4	5.2 LPA
12	WinWire	6	6 LPA
13	Thomson Reuters	4	6.5 LPA
14	Xoriant	2	5.5 LPA
15	Genpact	5	5 LPA
16	<b>Leadsquared</b>	1	<b>8 LPA</b>
17	Capgemini	12	4.25 LPA
18	Cron Labs Solutions	1	5.4 LPA
19	Accenture	5	4.5 LPA
20	JP Morgan Chase	1	<b>19.75 LPA</b>
21	SKU Logic	2	4 LPA
22	<b>Surewaves</b>	2	<b>8.5 LPA</b>



# ARTICLES FROM STUDENTS

## Digital Twins: Virtual Replicas Transforming the Physical World

In recent years, one of the most innovative technologies emerging in the field of engineering and information systems is the concept of Digital Twins. A digital twin is a virtual replica or digital model of a physical object, system, or process. It uses real-time data, sensors, and advanced analytics to simulate how the physical system behaves in the real world.

The main idea behind digital twins is to create a digital version of a physical system so that engineers and organizations can monitor, analyze, and improve its performance without directly interfering with the actual object. These virtual models continuously receive data from the physical system through sensors and connected devices.

One of the most common applications of digital twins is in industrial manufacturing. Factories use digital twins to monitor machines, predict equipment failures, and improve production efficiency. By analyzing the virtual model, engineers can detect problems early and reduce maintenance costs.

Another important application is in smart cities. Digital twins help city planners simulate traffic flow, manage energy consumption, and improve urban infrastructure. By using virtual city models, governments can test different solutions before implementing them in the real world.

Digital twins are also transforming the healthcare sector. In some advanced systems, doctors can create digital models of human organs or even entire patients using medical data. This allows medical professionals to simulate treatments and predict health outcomes more accurately.

The technology behind digital twins combines several modern technologies such as Internet of Things (IoT), cloud computing, artificial intelligence, and data analytics. Sensors collect real-time data, which is then processed and analyzed to update the virtual model continuously.

The major benefits of digital twins include improved efficiency, reduced operational costs, predictive maintenance, and better decision-making. Organizations can test different scenarios in the digital environment before applying them in real life.



**Ms Apeksha C Rao**  
**[1CR24IS026]**

In conclusion, digital twins represent a powerful step toward the future of intelligent systems. As technology continues to evolve, digital twins are expected to play a crucial role in industries, urban development, and healthcare, helping organizations create smarter and more efficient systems.



# Claude Cowork: AI as a Digital Colleague

## 1. Introduction

Artificial intelligence is changing the modern workplace by helping people complete tasks faster and more efficiently. One of the latest innovations in this field is Claude Cowork, an AI assistant developed by Anthropic and launched in January 2026. Unlike traditional chatbots that only provide text responses, Claude Cowork acts as a digital coworker that can plan and execute tasks directly on a user’s computer. It is mainly designed for non-technical professionals who want to automate routine work without programming skills.

## 2. How Claude Cowork Works

Claude Cowork operates as an agentic AI system, meaning users simply describe a goal instead of giving detailed instructions. For example, a user might ask it to organize files on a desktop, prepare an expense report from receipts, or create a presentation from research data. The AI analyze the request, creates a plan, and carries out the steps needed to complete the task. This makes the system feel more like a collaborative colleague than just a software tool.

## 3. Key Features and Capabilities

The assistant can also work directly with files on a computer. It runs in a secure environment, allowing it to read, edit, and create documents like spreadsheets, presentations, and reports. For complex tasks, Claude Cowork can create multiple sub-agents that work at the same time on different parts of a project. Users can also schedule recurring tasks like daily research summaries or weekly data organization.



**Ms Chaithanya S**  
[1CR24IS047]

## 4. Integrations with Other Tools

Claude Cowork connects with many workplace tools through the Model Context Protocol. This includes services like Google Drive, Slack, Gmail, and Notion. In March 2026, Microsoft announced it would integrate its capabilities with Microsoft 365 Copilot to help automate business workflows like meeting scheduling and report preparation.

## 5. Security and Safety

Security is a key feature of the system. Each session runs in a sandboxed virtual environment, and the AI asks for user permission before taking sensitive actions like deleting or moving files.

## 6. Conclusion

Overall, Claude Cowork represents a new generation of AI tools that work alongside humans as digital coworkers, helping automate repetitive tasks and improve productivity in modern workplaces.



# Cloud Computing Boom: Transforming the Future of Technology

Cloud computing has emerged as one of the most influential technologies shaping the modern digital world. Over the last few years, organizations across industries have rapidly adopted cloud platforms to store data, run applications, and scale their operations efficiently.

According to recent reports, the global cloud computing market reached nearly \$912 billion in 2025 and is expected to cross \$1.6 trillion by 2030. This rapid growth highlights how cloud services are becoming essential for businesses, startups, and even educational institutions.

One of the major drivers of this boom is the rise of Artificial Intelligence (AI). Training AI models requires massive computing power, which many companies cannot maintain independently. Cloud providers now offer AI tools and computing resources through the cloud, enabling organizations to build intelligent systems without investing in expensive infrastructure.

Another important trend is the increasing adoption of hybrid and multi-cloud strategies. Many companies now use multiple cloud providers to improve flexibility, reliability, and cost efficiency. This approach allows businesses to select the best services from different cloud platforms.

In India, the cloud computing sector is also witnessing rapid growth, with global technology companies expanding their cloud infrastructure and data centers. This expansion is creating new opportunities for students and professionals in fields such as cloud engineering, DevOps, and data analytics.

For students in Information Science and Engineering, understanding cloud technologies has become increasingly important. As industries continue to move toward cloud-based solutions, knowledge of cloud platforms, virtualization, and distributed systems will play a key role in shaping future careers.



**Ms Keerthana K**  
**[1CR23IS078]**

Cloud computing is no longer just a technological trend—it is the backbone of modern digital innovation.



## Women in Technology: Breaking Down Barriers

Tech weaves its way into everything—how we talk to each other, how we get our work done, how we pick up new skills. New gadgets, apps, and ideas keep popping up nonstop. Behind much of this growth is STEM: science, technology, engineering, and math. These days, more women are jumping into these fields. They show up with new perspectives, creativity, and drive. You can feel their influence. Young girls are watching, too, starting to imagine themselves building and leading in tech spaces that once seemed locked.

Let’s be real—women shaped tech from the beginning, even if history books barely give them a nod. Ada Lovelace didn’t just dabble in algorithms—she basically planted the seeds for modern computing ages before it caught on. Grace Hopper? She didn’t just write code; she built the foundations for how programming works today. Their work didn’t just nudge the field ahead; it set the stage. They proved that genius isn’t about gender—it’s about having a shot at the work.



**Ms H B Priya**  
**[1CR23IS057]**

Now, women are everywhere: analyzing data, pushing boundaries in AI, defending systems as cybersecurity pros, building the apps we rely on. Their input means we get tech that works for real people, not just a lucky handful. But yeah, the path isn’t straight. There’s still not enough women in crucial spots. Sometimes, finding support feels like staring into a black hole. And when we bridge those divides, the whole tech world gets better.

For that brighter future, you have to start young. Get girls hands-on with STEM—let them tinker, ask wild questions, fail sometimes, and solve tough problems. Give them room to step into the messy, exciting parts of technology. That’s when they start to see themselves as creators, not just consumers. And honestly, that’s where everything can shift.

The world of technology becomes more diverse and interesting as more women step up to create, lead, and inspire. The future of technology will not be shaped by machines alone. People who come up with new ideas will do that, and women will continue to play a significant role in shaping that future.



## The Modern Dilemma of Technology

In an era where technology evolves at a pace unprecedented in human history, the challenge of being an engineer has intensified. Keeping up with the latest tools while maintaining the confidence to land a role in any company feels increasingly difficult. However, there is a streamlined way to not only keep track of these changes but also to learn faster in this new age of digital velocity. Linus Torvalds, the creator of Linux, famously said, "Talk is cheap. Show me the code." Yet, even he has adapted his perspective by integrating AI into his projects. Today, the tables have turned: code has become "cheap," and communication has emerged as the new core strength of the tech industry. This isn't just about interpersonal skills; it is about communicating effectively with AI systems. In this new paradigm, your laptop becomes a hub of multiple AIs building end-to-end projects, while the developer steps into the role of a project manager for their own machine.

This raises a recurring question: Won't AI take over these jobs? Not necessarily. In the 1980s, there was great resistance and abstinence from computers by those who wanted to protect the integrity of the typewriter. While typewriters eventually went out of business, the people who used them transitioned into data entry roles on computers—the same fundamental job, just a different method. AI is no different. Current resistance to using it as a major contributor to projects limits the potential development of great ideas and can even cause engineers to lose interest in the field due to the sheer amount of time required to manually build large-scale "dream projects." AI is not the enemy; it is another tool in our arsenal to improve the way we code. Technical skills are now used to instruct AI on how to construct a project, secure it, and organize files. Ultimately, understanding the infrastructure of programming has become far more important than memorizing the syntax of it.



**Mr Emani Sai  
Shanmukha Srinivas  
(Solomon)  
[1CR24IS069]**



## Europe Welcomes Indian Tech Talent: New Opportunities in Finland and France

*How new partnerships between India and Europe are opening opportunities for technology students and professionals*



As the global demand for skilled technology professionals continues to grow, many European countries are looking toward India as a key partner in innovation and talent development. In 2026, two important developments strengthened this collaboration: the India–Finland Migration and Mobility Partnership and new initiatives announced by French President Emmanuel Macron. These initiatives aim to create new opportunities for Indian technology students, researchers, and professionals to study, work, and innovate in Europe.

### **1. Finland–India Mobility Partnership: A New Tech Talent Corridor**

In March 2026, India and Finland strengthened their bilateral relationship by signing the India–Finland Migration and Mobility Partnership. This agreement is designed to make it easier for students, researchers, and skilled professionals to move between the two countries and collaborate in high-skill sectors.

Finland is known for its strong focus on innovation, research, and digital technologies. Through this partnership, Indian technology students can gain access to advanced research environments, internships, and collaborative projects with Finnish universities and technology companies.



**Ms Avni Shrivastava**  
**[1CR24IS034]**

### **2. Opportunities for Indian Tech Professionals**

Finland currently faces a shortage of skilled workers in its technology sector. As a result, the country is actively seeking international talent, including professionals from India. Many opportunities are emerging in areas such as artificial intelligence, software development, data science, and engineering.

By welcoming skilled professionals from India, Finland aims to strengthen its technology industry while also creating global career opportunities for talented engineers and developers.

### **3. France Expands Opportunities for Indian Students**

France has also taken important steps to attract Indian talent. During his visit to India

in 2026, Emmanuel Macron announced several initiatives aimed at strengthening education and innovation ties between the two countries. One of the key goals is to welcome 30,000 Indian students to France by 2030.

France is also increasing the number of English-taught programs in its universities and simplifying visa procedures for international students. These changes make it easier for Indian students to pursue higher education and research opportunities in the country.

#### 4. Strengthening the India–Europe Tech Connection

The initiatives introduced by Finland and France reflect a larger global trend: the growing movement of skilled technology professionals across borders. As European countries expand their digital economies, they require highly skilled individuals who can drive innovation and technological growth.

#### 5. Conclusion

In conclusion, the growing partnerships between India and European countries such as Finland and France are creating exciting opportunities for Indian technology students and professionals. These collaborations not only provide access to world-class education and research but also strengthen global innovation networks. As technology continues to shape the future, such international partnerships will play an important role in building a globally connected workforce.



## Smart Study Desk System for Modern Education: An Integrated AI and IoT Approach to Enhancing Learning, Posture, and Productivity

Contemporary education has experienced a decrease in the efficacy of learning as a result of various factors, including insufficient time and the presence of distractions. Learning-based career, homework, and competitive exams are common, but many students fall behind for various reasons. In addition, sitting for extended periods leads to negative health impacts; improper posture can cause neck, shoulder, and lumbar strains and pain. Keeping the right posture allows easy breathing and greater focus on studying. Attention to these issues has increased in recent years. Productivity is another measure of learning effectiveness. A desk with AI assistance, IoT sensors, and ergonomic design would help address these key learning enhancement areas.



**Mr Harshith Reddy K**  
**[1CR24IS076]**

A smart study desk system that integrates AI and IoT with ergonomic design was developed to enhance learning, improve posture and focus, and increase productivity. Study data showed average learning time decreased by 13.25%,

helping meet learning objectives. Afternoon study time—when attention naturally wanes—was reduced by 8.17%, while applicable materials and topics increased by over 12.50%. Average session duration increased 33.26%, and average learning activity dropped only 11.40%, indicating longer periods of focused study.



## Smart Study Desk System for Modern Education: Ways to make voice assistants better

*The future of technology isn't just about responding to our voices; it's also about understanding our needs better.*

"The future of technology isn't just about responding to our voices; it's also about understanding our needs better."

Many homes now use voice assistants like Amazon Alexa and Google Assistant. They help people do things like set reminders, play music, check weather, and control smart home devices with simple voice commands. But there are still many ways that these technologies can be made better so that they work better and are more reliable.

One big change is making it easier for them to understand natural language. Sometimes, assistants do not understand different accents or long sentences very well. For instance, if someone says, "Remind me to call my friend when I get home," the assistant should be able to figure out what they mean and set a reminder based on their location.



Over time, voice assistants could learn how people use them and what they do. For example, if someone asks a Voice Assistant for weather every morning, the assistant could automatically give them the update at that time without being asked.

Safety and privacy are also big issues. A lot of people are worried that voice assistant devices might record conversations all the time. People would trust these technologies more if they had better privacy controls, like making it easy for users to replay and delete their voice recordings.

Voice assistants would also be more reliable if they worked better when not connected to the internet. You should be able to do basic things like set alarms, play music you downloaded, or control some smart home devices even if you don't have an internet connection. Better integration with smart appliances could also let commands like "Alexa, good night" turn off lights, lock doors, and set alarms all at once.

Voice assistants that are available right now can't take two commands at once with "and" to control home appliances. They also get confused sometimes, when you ask them simple questions.

*"When technology starts to understand our voice and our habits, it stops being just a tool and starts being a useful friend in our daily lives."*

Voice assistants are expected to get smarter, more responsive, and more personalized as artificial intelligence and machine learning continue to improve. These changes will turn them into useful tools that make life easier and more productive.

They can be continuously trained to learn from previously unanswered questions of the same owner so that their responses improve over time.

With a lot more updates and improvements, these voice assistants could definitely become the owner's *"best friend."*

A smart study desk system that integrates AI and IoT with ergonomic design was developed to enhance learning, improve posture and focus, and increase productivity. Study data showed average learning time decreased by 13.25%, helping meet learning objectives. Afternoon study time—when attention naturally wanes—was reduced by 8.17%, while applicable materials and topics increased by over 12.50%. Average session duration increased 33.26%, and average learning activity dropped only 11.40%, indicating longer periods of focused study.



# ARTICLES FROM FACULTY

**Dr Senthil Velan S, Professor**

## **Generative AI Watermarking – Tracing Roots of AI Content Development**

Generative AI watermarking is a technique used to embed hidden signatures in AI-generated content such as text, images, audio, or video. It helps distinguish AI-generated content from human-created content. Watermarks can be added to text, images, audio, and videos produced by AI models. These watermarks are usually invisible and do not affect the quality of the content. The watermark is embedded during the generation process by the AI model.

Specialized algorithms are used to detect the presence of these hidden signals. Watermarking improves transparency in the use of artificial intelligence. It helps platforms and researchers trace the origin of AI-generated materials. Governments and technology companies are exploring watermarking to promote responsible AI use. Watermarking can assist in identifying deepfakes and synthetic media. It supports efforts to reduce misinformation and digital manipulation. Some watermarking techniques rely on statistical patterns in generated text. In image generation, watermarks may be embedded in pixel patterns or metadata.

Watermark detection tools analyze content to verify whether it was produced by AI. A key advantage of watermarking is that it can operate without visibly altering the content. However, editing, compression, or rewriting may weaken or remove watermarks. Researchers are working to design more robust and tamper-resistant watermarking methods. Watermarking also helps maintain accountability for AI developers and users. It plays an important role in building trust in AI-generated information.

As generative AI continues to grow, watermarking will be essential for responsible and ethical AI deployment.



\*\*\*\*\* ❄️ ❄️ ❄️ \*\*\*\*\*

**Dr Ciyamala Kushbu S, Associate Professor**  
**Managing Stress in Today's Fast-Paced World**

*In today's fast-paced and technology-driven world, stress has become a common part of daily life. Work pressure, academic responsibilities, financial concerns, and the constant use of digital devices can lead to mental and physical exhaustion. If not managed properly, stress may affect a person's health and lead to conditions such as Anxiety Disorder, Depression, and Hypertension. Therefore, learning how to manage stress effectively is essential for maintaining a healthy and balanced life.*

*One of the most effective ways to manage stress is through regular physical activity. Exercise helps release endorphins, which are natural chemicals in the body that improve mood and reduce stress levels. Activities such as walking, yoga, and stretching can significantly improve mental well-being. Practices like Yoga and Meditation are particularly helpful in calming the mind and improving concentration. Even spending a few minutes each day focusing on breathing techniques can help reduce tension and anxiety.*



*Maintaining a healthy lifestyle is another important factor in stress management. A balanced diet, adequate sleep, and proper hydration play a vital role in keeping both the body and mind healthy. Lack of sleep and poor eating habits can increase irritability and make it harder to cope with stress. Creating a daily routine that includes sufficient rest and relaxation can help improve overall well-being.*

*Time management is also crucial in reducing stress. Many people experience stress because of poor planning and overwhelming workloads. Prioritizing tasks, setting*

*realistic goals, and taking regular breaks can make work more manageable. By organizing responsibilities effectively, individuals can reduce pressure and improve productivity.*

*Another important strategy for managing stress is maintaining social connections. Talking with friends, family members, or colleagues can provide emotional support and help individuals feel less isolated. Sharing thoughts and concerns with others often provides new perspectives and solutions to problems.*

*Finally, reducing excessive use of digital devices and social media can help improve mental health. Constant notifications and information overload can contribute to stress and distraction. Taking short breaks from technology and spending time on hobbies, nature, or creative activities can refresh the mind and improve emotional balance.*

*In conclusion, stress is an unavoidable part of modern life, but it can be managed through healthy habits and positive lifestyle choices. Regular exercise, proper time management, supportive relationships, and mindful relaxation techniques can significantly reduce stress levels. By practicing these strategies, individuals can maintain better mental health and lead a more balanced and fulfilling life.*



# ARTICLES FROM ALUMNI

**Mr R Ashwin Kumar – Alumni (2020-24)**

**Placed in Impelsys through Campus Placement**

My time at CMR Institute of Technology (CMRIT) as a student of Information Science and Engineering was a truly formative period in my academic and professional journey. The four years I spent at CMRIT provided me with a strong technical foundation, valuable mentorship, and the confidence to pursue opportunities in the technology field.

One of the most impactful aspects of my experience was the supportive and encouraging faculty. The professors were approachable and always willing to guide students beyond the classroom. Their emphasis on building strong conceptual understanding helped me develop a solid base in computer science while also encouraging curiosity and independent learning.

The curriculum at CMRIT offered a balanced blend of theoretical knowledge and practical exposure. Laboratory sessions, technical projects, and collaborative assignments allowed us to apply classroom concepts to real-world problems. These experiences played an important role in strengthening my analytical thinking, problem-solving abilities, and teamwork skills.

Beyond academics, the college offered several opportunities for students to participate in technical events, seminars, and collaborative activities, which helped us stay connected with emerging industry trends while developing essential communication and leadership skills.

The guidance and preparation I received during my undergraduate studies played a crucial role in helping me launch my professional



journey through campus placements, and I am currently working in the IT industry as a QA Engineer. The strong academic foundation and technical skills developed at CMRIT enabled me to pursue higher studies, leading to my recent admission to a Group of Eight (Go8) university in Australia for a Master's program in Data Science.

Looking back, I am grateful for the learning environment, mentorship, and friendships that made my time at CMRIT both enriching and memorable. I will always be proud to be an alumnus of CMR Institute of Technology.

\*\*\*\*\*❄️❄️❄️\*\*\*\*\*

### **Ms Catherine Merin Deborah – Alumni (2020-24)**

#### **Placed in BlueRose Technologies through Campus Placement**

My experience at CMR Institute of Technology (CMRIT) has been extremely enriching, both academically and personally. The teaching faculty at the institution are highly supportive, approachable, and always welcoming when students come forward with ideas or questions. They actively encourage curiosity and innovation, ensuring that students feel comfortable exploring new concepts and technologies.



One of the most valuable aspects of studying at CMRIT is the guidance provided by the faculty during academic projects. Professors contribute not only creative inputs but also strong technical direction, helping students transform simple ideas into well-structured and practical solutions. Their mentorship helps students understand how theoretical knowledge can be applied in real-world scenarios.

The laboratories are particularly engaging and well designed to provide hands-on learning experiences. Working in these labs helps students cultivate the practical skills required in the industry, allowing them to experiment, test, and build solutions that mirror real

technical challenges.

Another strength of the curriculum is that students are introduced to multiple domains within the technology field. The faculty ensure that students receive foundational exposure to various areas, along with basic skill development in each. This broad introduction later helps students switch domains if needed and ensures that their skill set is not limited to a single specialization, thereby expanding career opportunities.

CMRIT also has a very dedicated placement department that works actively to support students in securing job opportunities. The department organizes training programs focused on aptitude, communication, and soft skills, which carry equal importance in hiring processes alongside technical knowledge and problem-solving abilities.

Additionally, the faculty themselves stay updated with emerging technologies and modern problem-solving techniques. Because of this, they provide meaningful guidance and often suggest innovative project ideas that students can further develop or even publish. Overall, my time at CMRIT has provided me with a strong academic foundation, practical technical skills, and the confidence to pursue opportunities in the industry.



### **Ms Shipra Verma – Alumni (2019-23)**

**Placed in IBM through Campus Placement and currently working as SDE 1 – Data Engineer at Sigmoid Analytics**

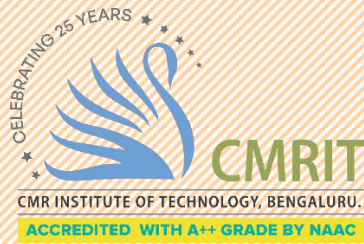
My experience at CMR Institute of Technology, Bangalore, while pursuing my Bachelor of Engineering in Information Science and Engineering was both enriching and transformative. The supportive faculty and collaborative learning environment played a key role in strengthening my technical foundation. My Professors were approachable and always encouraged students to explore concepts deeply while providing guidance whenever needed.



The curriculum emphasized practical learning through projects, labs, and technical activities, which helped build strong problem-solving and industry-relevant skills. Along with academics, the vibrant

campus environment and opportunities for extracurricular involvement made CMRIT feel like a second home, contributing greatly to my academic growth and overall personal development.





# Thank You

Department of Information Science and Engineering

Half-yearly Newsletter  
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