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NEURON NEWSLETTER

Half Yearly Publication

CELEBRATING 25 YEARS
CMRIT
CMR INSTITUTE OF TECHNOLOGY, BENGALURU.
ACCREDITED WITH A++ GRADE BY NAAC

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
CSE (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
CMR INSTITUTE OF TECHNOLOGY
#132,AECS LAYOUT, ITPL MAIN ROAD, KUNDALAHALLI,
BENGALURU–560037, KARNATAKA, INDIA
http://www.cmrit.ac.in/

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CMRIT Vision and Mission

Vision

To be a nationally acclaimed and globally recognised institute of engineering, technology and management, producing competent professionals with appropriate attributes to serve the cause of the nation and of society at large.

Mission

CMRIT seeks to realise its Vision with a Mission to:

- Create the necessary infrastructure appropriate to the needs of the programmes and activities of the institution.
- Attract and retain well-qualified faculty and supporting staff.
- Create and facilitate an ambience for interdisciplinary engagement, leading to a healthy competition among students and staff, in pursuit of excellence through lifelong learning.
- Develop and operate mutually-beneficial programmes, partnering with industries, institutes and individuals of national and international repute.
- Create mechanisms to understand societal needs and provide solutions for the betterment of society.

Principal and Vice Principal Message

Principal Message

Learning is ‘fun’ at CMRIT, as students and faculty members get together to make a difference through persevering and achieving intellectual satisfaction. We emphasize the motto “Learning to Learn”, during the students’ sojourn here, when ‘learning’ becomes a lifelong practice.

Several prestigious international and national awards garnered by students and faculty epitomizes CMRIT as an eminent engineering institute. The unique ‘Maker Space’ on campus, the first of its kind in Bengaluru, imbibes design thinking, where students experiment with ideas and build prototypes. Over the years, students have worked and created several useful products and solutions addressing the pain-points of society.

CMRIT has several jewels in its crown: an award by the President of India for an innovative and frugal technique to diagnose infectious diseases; an international medal for outstanding contributions to advance material science and technology; fellow titles from Stanford University; training for students at Google Mountain View, USA; an award at Microsoft Vfest; an award at Texas Instruments Challenge; awards by IEEE; a Portuguese innovation medal; a gold medal at the India International Innovation Fair; as well as several top ranks in the university amongst other achievements.

Despite being from diverse backgrounds and nationalities, our students get together to organize several co-curricular, cultural, social, and sports events through their clubs and chapters. Our system supports and mentors students, providing them with clarity about the purpose of education and instilling values, self-discipline, positive attitudes and confidence to achieve their career goals.

Dr. Sanjay Jain
Principal,
CMR Institute of Technology, Bengaluru

Vice Principal Message

CMR Institute of Technology (CMRIT), established in the year 2000 with a vision to be a globally recognized institution to provide high-quality technical and management education, believes that students are the torchbearers of every nation. In order to bring in positive change towards a sustainable future, we ensure all-round development of students by inculcating active participation in various technical and non-technical clubs that provide ample opportunities for gaining practical knowledge and industry skills; in tandem with the conventional academic curriculum. We encourage hands-on learning through major/ mini interdisciplinary projects with the support of our state-of-the-art Makerspace laboratory that houses CNC machines, laser cutters, 3D printing tools, Centres of Excellence, and research labs. Many of our alumni are at top positions globally and are actively involved in imparting project experiences to students.

Our non-technical clubs include the likes of sports, music, dance, and the Kannada club. These activities provide students various pathways to widen their horizons beyond academics enabling them to create a niche in today's fast-changing and competitive world. CMRIT is also determined to serve the rural community by adopting villages to provide technical solutions to their real-time problems. Our students and faculty are also actively involved in this mission. To encourage leadership and team spirit amongst students, we conduct a number of national and international conferences, seminars, and workshops.

The campus is lush green with a variety of flora, and sprawling lawns that create a picturesque atmosphere. We also have Wi-Fi-enabled e-classrooms, and technology-driven teaching methods to make learning enjoyable. These in-campus learning experiences pave a strong path for the overall development of students.

Dr. B Narasimha Murthy
Vice Principal,
CMR Institute of Technology, Bengaluru

Message from HOD

The second batch of AI&ML students and the first batch of CSE(AIML) graduated from CMRIT. The department is proud of the final students have shown grown into professionals with the department topping the number of students who received placement offers greater than 9 lpa. Students have also received admissions for post graduate programs in the USA and Ireland. Our best wishes for their professional life ahead.

Students belonging to 2023-2027, with the support from faculty members are on hot pursuit of their career goals. The placements started in May 2026 and few students have already been placed and the department is keen on improving on the performance of previous batches. 2024-2028 batch of students are preparing to take up the challenges of the Artificial Intelligence revolution.

Experts from the industries like Google, Nokia, Intuit, United Healthcare etc for updating the students with the trends in the Industry. The department along the Center of Excellence in Natural Language Processing also organised faculty development programs on topics like Retrieval Augmented Generation, Deep Learning and generative AI. Besides, students were prepared for entrepreneurship by means of trainings on start-ups, funding and pitching of ideas.

Students visited National Aerospace Laboratories to get a practical exposure to aviation technologies. They also introduced students of KK English Middle School on Artificial Intelligence and Machine Learning. The students also took part in various events and competitions and were recognised. Ms. Urvi Bhat, a student of 2022-2026 batch published her poetry in the book titled ;In the Quiet of My Solitude'.

Our faculty members upgrade their knowledge by taking up MOOC, FDPs and share it with colleagues over tech-talks. Two of our faculty members received their PhD doing the last semester.

Best Regards,
Dr. Shyam P Joy,
Head of Department
Department of Artificial Intelligence and Machine Learning
CMR Institute of Technology, Bangalore

Editor's Team

Dear Readers,

Every edition of Neuron is more than a collection of events and achievements—it is a snapshot of the ideas, efforts, and people shaping the journey of the Department of Artificial Intelligence and Machine Learning, CMRIT.

As we bring you this edition, we celebrate a community that continues to learn, experiment, collaborate, and grow. From classrooms and laboratories to projects, research, competitions, internships, and industry interactions, our students and faculty continue to create experiences that extend learning beyond conventional boundaries.

This edition brings together these diverse moments and milestones, offering a glimpse into the energy and enthusiasm that define our department. Each story reflects the collective efforts of individuals who contribute, often behind the scenes, to building a culture of curiosity, innovation, and excellence.

As editors, our endeavors is not merely to document these accomplishments, but to preserve the spirit behind them—the questions asked, the challenges overcome, the ideas explored, and the lessons learned.

We invite you to turn the pages of this edition, discover the stories that shaped this phase of our journey, and celebrate the people who made them possible.

Read. Reflect. Celebrate. Inspire.

Happy Reading!

Priyanka S
Faculty Advisor & Content writer

Faces of the Department

Mr. Prabhakara S

Dr. Novy Jacob

Ms. Navya V K

Ms. Priyanka S T

Ms. Jeevitha R

Mr. Adarsh Benjamin

Ms. Divyamani L S

Dr. Tapas Guha

Dr. Venkata Gopal Edupuganti

Dr. Revathi S

Ms.Vinuta S

Ms. Laya N

Ms. Sandhya Kumari

Ms. Meeta Dave

Mr. Saurav Kumar Topo

Ms. Batta Saranya

Faces of the Department

Ms. Shijili P T

Ms. Santhiya

Mr. Sirish Kumar

Ms. Chaithanya K M

Ms. Manimala M

Ms. Priya Trivedi

Dr. Shalma H

Ms. Shemeema Hashim

Ms. Swathisudha Punyathuya

Ms. Jayashree Bhat

Lab Instructors

Mr. Yashwant S V

Mr. Vishnu Sombathina

Ms. Srivani S M

Mr. Shreehari K

Ms. Archana G

Ms. Pushpa S Gotagunaki

DoE

Mr. Rukmangada

VTU Rank Holders-AIML & CSE(AIML)

CELEBRATING 25 YEARS

CMRIT

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NAAC GRADE A++ ACCREDITED INSTITUTION

The Department of AIML & CSE(AIML)

Congratulations!

VTU RANK HOLDERS 2025-26

2nd

PRIYANKA KUMAR
1CR22AI090
AIML

2nd

AKSHITA N NAIR
1CR22CI003
CSE(AIML)

5th

HARSHINI R
1CR22CI020
CSE(AIML)

7th

SPOORTHI H T
1CR22AI109
AIML

8th

P M GANAPATHY
1CR22CI036
CSE(AIML)

9th

G SWATHI
1CR22AI042
AIML

10th

JONATHAN FRAZER
1CR22CI022
CSE(AIML)

Proud Moments - 2026 Batch

Safah Mariyah
EPICOR
14 LPA

Bhavani Sharma
ASTUTO
13 LPA

Abdulrehan Konankeri
MAERSK
10.83 LPA

Hemasri Challa
Infosys
10 LPA

Nilotpal Arya
Parellel Wireless
10 LPA

Vishnu M
Surewaves
9 LPA

Proud Moments- 2025 Batch

Chandan Gowda C
JP Morgan
19.75 LPA

Asifa Bandulal Beedi
JP Morgan
19.75 LPA

Jayanth Gowda L
ZETA
14.4 LPA

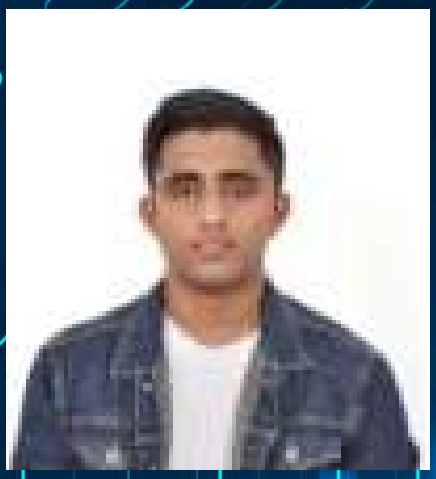
G Harshavardhan
ZETA
14.4 LPA

Hemanth Sannareddy
EPICOR
14 LPA

Jonathan Frazer
EPICOR
14 LPA

AMAN HARIOM
7TH GEAR
13.6LPA

Ujwal S R
7th GEAR
13.6LPA



P M Ganapathy
OPENTEXT
13.25LPA

Spoorthy H T
Thermofisher
10.95 LPA

G Likitha
MAESRK
10.83 LPA

Harshini
MAESRK
10.83 LPA

SREEHARI P
RAJENDRAN
MAESRK
10.83 LPA

Priyanka Kumar
PLIVO
10 LPA

Workshop/FDPs/LTTPs/STTPs/ Conferences organized

EVENT:- WORKSHOP ON "STARTUP TRAINING FOR 6TH SEMESTER AI&ML STUDENTS"

A session on "Entrepreneurial Strategy Design Using AI Framework for Financial Trend Analysis" was conducted on 11th April 2026 for AI & ML students. The session was led by Mr. Shailendra Kumar, R&D Engineering Lead, Nokia Solutions and Networks, Bengaluru, and focused on applying AI and data analytics to financial trend analysis and entrepreneurial decision-making.

EVENT:- WORKSHOP ON "STARTUP TRAINING FOR 6TH SEMESTER AI&ML STUDENTS"

A two-day workshop on "Startup Training" was conducted on 8th and 9th April 2026 for 6th Semester AI & ML students. The sessions were led by Rtn. Edward Celladurai, Business Coach, Rise Global Business Networking Group, and Dr. Preethi Jacob, Founder, Aura Innovative Solutions Pvt. Ltd. The workshop provided students with valuable insights into entrepreneurship, startup ideation, business development, and transforming innovative ideas into viable ventures. The interactive sessions encouraged students to develop an entrepreneurial mindset and explore opportunities in technology-driven startups.

EVENT: FROM QUERIES TO INTELLIGENCE: MASTERING PROMPT ENGINEERING”

A session on “From Queries to Intelligence: Mastering Prompt Engineering” was conducted on 25th April 2026 for AI & ML students. The session was led by Ms. Priyanka Mehra, Security Engineer, Google, Bengaluru, and provided insights into effective prompt design and leveraging AI for intelligent problem-solving.

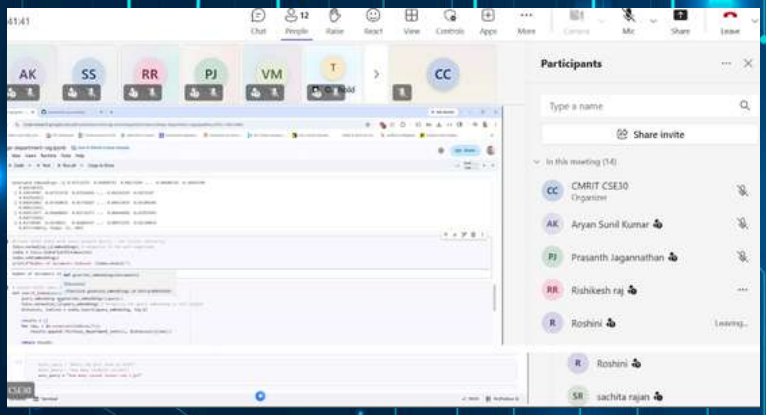
EVENT: EXPERT TALK ON “GENERATIVE AI: RESHAPING INDUSTRIES AND HUMAN CREATIVITY”

An expert talk on “Generative AI: Reshaping Industries and Human Creativity” was conducted on 15th May 2026. The session was led by Ms. Anjali Gupta, Group Engineering Manager, Intuit, Bengaluru. She provided insights into the growing applications of Generative AI across various industries. The session highlighted how AI is transforming creativity, innovation, and workplace practices. Students gained valuable perspectives on emerging AI trends and future career opportunities.

EVENT: SHORT TERM TRAINING PROGRAM (STTP) ON "FOUNDATIONS OF NLP & LLMS: FROM THEORY TO PRACTICE (AGENTIC + RAG EDITION)"

”

A Short-Term Training Program (STTP) on “Foundations of NLP & LLMs: From Theory to Practice (Agentic + RAG Edition)” was conducted from 15th to 20th May 2026. The program featured sessions by experts from CMRIT and EXL Services Pvt. Ltd. The training covered fundamental concepts of NLP, Large Language Models (LLMs), Agentic AI, and Retrieval-Augmented Generation (RAG). Participants gained hands-on exposure to emerging techniques and practical applications of LLMs. The program enhanced participants’ technical knowledge and readiness to develop AI-driven solutions.



EVENT: EXPERT TALK ON TRAINING ON TECHNOLOGY COMMERCIALIZATION, LICENSING AND TRANSFER PRACTICES AND STRATEGY

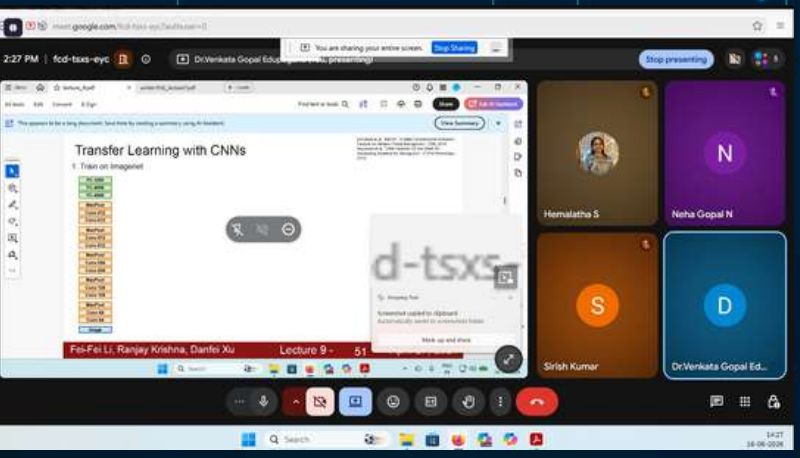
”

An expert talk on “Technology Commercialization, Licensing and Transfer Practices and Strategy” was conducted on 20th May 2026. The session was led by Dr. Ramani V. Marakani, Ph.D., JD, LLM (IP), Partner IP, Philips Electronics India. The talk provided insights into technology commercialization and intellectual property management. Key aspects of licensing, technology transfer, and commercialization strategies were discussed. The session helped participants understand the practical aspects of transforming innovations into marketable technologies.

EXPERT TALK ON AI IN MEDICAL IMAGING”

An expert talk on “AI in Medical Imaging” was conducted on 27th May 2026. The session was delivered by Mr. Javed Hussain, Scientist-1, United Imaging Healthcare, Chennai. The talk explored the integration of AI and machine learning in medical image processing and analysis. The speaker discussed real-world applications of AI in disease detection, diagnosis, image reconstruction, and clinical decision-making. Students gained insights into the challenges and opportunities associated with deploying AI in healthcare. The session highlighted the importance of data quality, model accuracy, and responsible AI in medical applications. The expert interaction provided students with a better understanding of industry practices and emerging career opportunities in AI-driven healthcare.

5-DAY WORKSHOP ON CONVOLUTIONAL NEURAL NETWORKS (CNNS), APPLICATIONS, AND ADVANCEMENTS



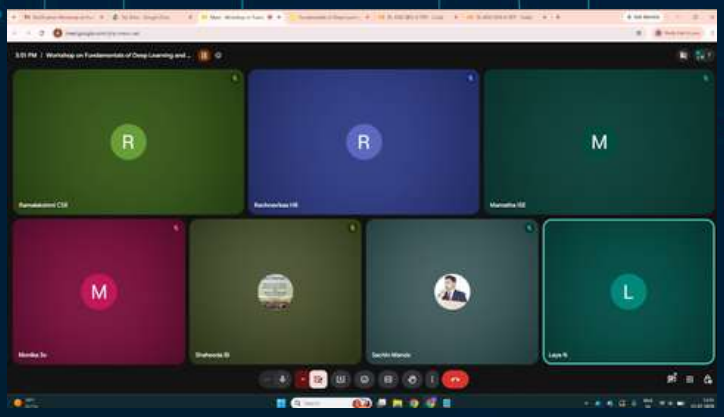
A 5-Day Workshop on “Convolutional Neural Networks (CNNs), Applications, and Advancements” was conducted from 15th to 19th June 2026 at CMRIT, Bengaluru. The workshop was conducted by Dr. Venkata Gopal Edupuganti, Dr. Shalma H, and Mr. Sirish Kumar from the Department of AI & ML, CMRIT. The sessions covered the fundamentals and architecture of CNNs, including convolution, pooling, activation functions, and feature extraction.

Participants explored CNN applications in image classification, object detection, and computer vision. The workshop also provided insights into recent advancements and practical applications of deep learning models. The program enhanced participants’ understanding of CNN-based solutions through interactive and application-oriented learning.

WORKSHOP:TRAINING ON TECHNOLOGY READINESS LEVEL (TRL) AND MANUFACTURING READINESS LEVEL (MRL)

A training session on “Technology Readiness Level (TRL) and Manufacturing Readiness Level (MRL)” was conducted on 1st July 2026 at CMRIT, Bengaluru. The session was led by Dr. Tapas Guha, Professor, CMRIT, Bengaluru. The training introduced the concepts and significance of TRL and MRL in evaluating technology and manufacturing maturity. Participants gained insights into assessing technologies from the research stage to practical implementation and commercialization. The session highlighted the role of TRL and MRL in innovation, product development, technology transfer, and industry readiness.

WORKSHOP:5 DAYS FACULTY DEVELOPMENT PROGRAM ON DEEP LEARNING TO GENERATIVE AI



A 5-Day Faculty Development Program (FDP) on “Deep Learning to Generative AI” was conducted from 13th to 17th July 2026 at CMRIT. The program was coordinated by Ms. Priyanka S Talekar, Dr. Revathi S, and Ms. Laya N from the Department of AI & ML, CMRIT. The FDP covered key concepts of Deep Learning, Generative AI, and emerging AI technologies. Participants gained insights into modern AI architectures, applications, and practical implementation approaches. The program provided an opportunity for faculty members to enhance their technical skills and integrate AI-driven tools and methodologies into teaching and research.

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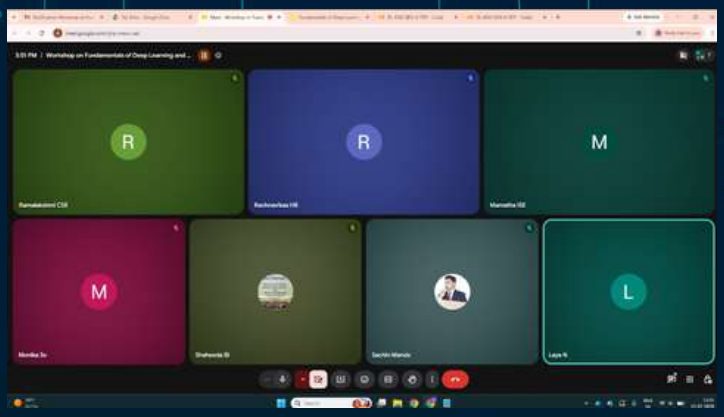

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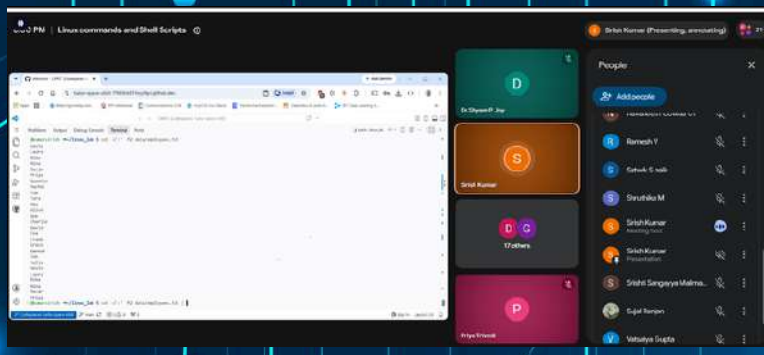
WORKSHOP:SESSION ON LINUX: COMMAND YOUR FUTURE

A session on “Linux: Command Your Future” was conducted on 4th August 2026 at CMRIT, Bengaluru. The session was led by Mr. Sirish Kumar, Professor of Practice, CMRIT. The session introduced students to Linux fundamentals, command-line operations, and essential system commands. Students gained practical insights into navigating the Linux environment and using terminal-based tools effectively. The session highlighted the importance of Linux skills in software development, cloud computing, DevOps, and emerging technology domains.



WORKSHOP: USING AI FOR FUNDRAISING & INVESTOR PITCH PREPARATION

A workshop on “Using AI for Fundraising & Investor Pitch Preparation” was conducted on 5th August 2026 at CMRIT, Bengaluru. The session was led by Mr. Himanshu Nigam, Co-Founder, Ed-Tech Entrepreneur, and Technology & Business Leader. The workshop explored how AI tools can support startup fundraising and investor pitch development.

Participants gained insights into creating compelling pitches, identifying investor expectations, and presenting business ideas effectively. The session encouraged students to leverage AI for entrepreneurial planning, market analysis, and business growth strategies.

Student Club Activities

AR SCAVENGER HUNT

AR Scavenger Hunt held on April 9th 2026 was an engaging and fast-paced event where students teamed up to navigate a series of augmented reality-powered clues, puzzles, and location-based challenges. The event encouraged critical thinking, teamwork, and hands-on exploration of AR technology in a fun and competitive environment. It served as an exciting platform for students to experience immersive technology firsthand while showcasing their problem-solving and collaborative skills.

BOTPLAY

BotPlay (Brain vs Bot) held on 15th April 2026- a dynamic and immersive event that blends Artificial Intelligence with interactive gaming to create a unique competitive experience. Participants either develop their own AI-powered bots or compete against existing intelligent systems that can analyze situations, make decisions, and adapt strategies in real time. The central theme, “Brain vs Bot,” highlights the contest between human intuition and machine intelligence, offering insight into how both approaches differ in problem-solving and gameplay.

RIDDLE VISION

Riddle Vision held on 29th April 2026 was an innovative and intellectually engaging technical event designed to test participants knowledge, logical reasoning, analytical abilities, and quick-thinking skills through a series of exciting quiz-based activities. The event combines learning with competition by conducting multiple interactive rounds such as technical quizzes, rapid-fire sessions, buzzer rounds, visual identification challenges, and problem solving activities.

Center of Excellence Activities

CoE - Natural Language Processing

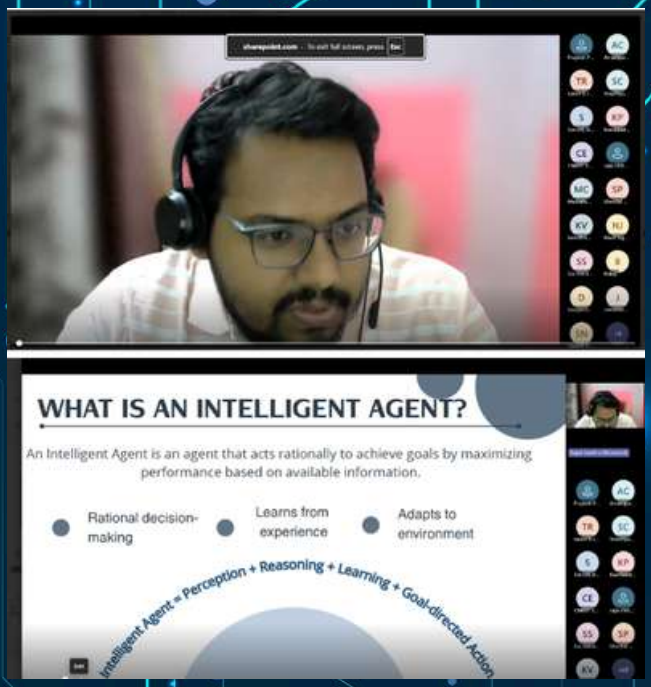
Natural language processing (NLP) is a field of computer science and a subfield of artificial intelligence that aims to make computers understand human language. NLP uses computational linguistics, which is the study of how language works, and various models based on statistics, machine learning, and deep learning. These technologies allow computers to analyze and process text or voice data, and to grasp their full meaning, including the speaker's or writer's intentions and emotions. The CoE serves as a central unit that drives innovation, collaboration, and expertise in the field of NLP, aiming to improve and automate processes involving human language. This includes extracting meaningful insights, automating language-based tasks, and building solutions that leverage the latest developments in artificial intelligence (AI) and machine learning (ML).

Key Objectives of a CoE in NLP:

1. Innovation and Research:Conduct cutting-edge research in NLP, exploring areas like sentiment analysis, machine translation, speech recognition, named entity recognition, and text summarization.
2. Knowledge Sharing and Expertise Development: Train and develop internal talent by providing resources, best practices, and access to workshops or seminars on NLP.
3. Implementation of NLP Solutions: Collaborate with various industries (e.g., customer service, marketing, healthcare) to develop and deploy NLP-driven solutions that solve real-world problems. This can include chatbots, intelligent document processing, sentiment analysis for customer feedback, and personalized recommendations.
4. Collaboration: Facilitate partnerships with academia, research institutions, and other industries to stay ahead of the curve and access state-of-the-art NLP tools and methods.

Activities Organized by CoE NLP

SHORT TERM TRAINING PROGRAM (STTP) ON "FOUNDATIONS OF NLP & LLMS: FROM THEORY TO PRACTICE (AGENTIC + RAG EDITION)"



The Centre of Excellence in Natural Language Processing (CoE-NLP), in association with the Department of Artificial Intelligence and Machine Learning, organized a Short Term Training Program (STTP) titled “Foundations of NLP & LLMs: From Theory to Practice (Agentic + RAG Edition)”. The program was designed to provide participants with a comprehensive understanding of Natural Language Processing, Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), and Agentic AI through a combination of conceptual learning and hands-on implementation. The training covered NLP foundations, text classification, sequence labeling and Named Entity Recognition (NER), word and sentence embeddings, semantic similarity, LLM fundamentals, RAG architectures, and Agentic AI concepts involving tool use, memory, and orchestration. A key highlight of the program was the hands-on development of an intelligent agent using Google Agent Development Kit (ADK), enabling participants to translate theoretical concepts into practical AI applications. Through this training, participants gained exposure to building NLP- and LLM-powered solutions for semantic search, document question answering, enterprise knowledge retrieval, decision support, and task automation.

The STTP successfully bridged the gap between NLP theory and emerging Generative AI technologies, equipping participants with practical skills relevant to contemporary research and industry applications.

COE TRAINING PROGRAMME REPORT FUNDAMENTALS OF NLP AND ITS APPLICATIONS

CMR INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Approved by AICTE, Accredited by NAAC with A++ Grade)

CERTIFICATE OF PARTICIPATION

Centre of Excellence - Natural Language Processing

This is to certify that Amulya Kodimadugu, USN: 1CR25IS017 from the department of Information Science and Engineering has undergone Center of Excellence Certification program and successfully completed with Five Stars out of Five Stars.

Course Name: Fundamentals of Natural Language Processing and its Applications

Date: 09/06/26 Duration: 16/03/26 to 22/04/26

Dr. Richa Tengshe, Head-COE

Dr. Shyam P Joy, Head of the Department (AIML)

Dr. Sanjay Jain, Principal

CMRIT/NLP/2026/0035

As part of its capability-building initiatives, the Centres of Excellence (CoEs) at CMRIT conduct hands-on training programmes designed to equip students with industry-relevant technical skills. The “Fundamentals of NLP and Its Applications” certification programme was aimed at strengthening students’ foundational knowledge of Natural Language Processing (NLP), enhancing their problem-solving abilities, and encouraging them to explore research and real-world applications of emerging AI technologies.

The programme provided participants with practical exposure to key NLP concepts, including tokenization, Part-of-Speech (POS) tagging, vectorization, embeddings, retrieval-based similarity search, sentiment analysis, summarization, machine translation, and Named Entity Recognition (NER). Participants were also introduced to Large Language Models (LLMs) and their growing applications in modern AI systems.

The fully hands-on programme focused on developing students’ confidence in implementing NLP techniques and applying them to practical problems. Project-based evaluation was incorporated to assess the participants’ understanding and application of the concepts learned.

A total of 47 students enrolled in the programme, with 27 students successfully completing the course. The training was conducted in two parallel batches from 16 March 2026 to 22 April 2026. The programme contributed towards enhancing students’ technical competencies, problem-solving skills, and readiness to undertake projects and pursue career opportunities in NLP, Generative AI, and related domains.

Community Connect Activities/Social Activities

NAL VISIT 2026 – EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION-29.04.2026

The field visit to National Aerospace Laboratories (NAL) aimed to give students real-world exposure to advanced aerospace technologies, research environments, and innovation-driven problem solving. It encouraged students to observe industry challenges closely, identify practical problems, and think creatively about possible technological solutions. Activity Led by: Department of Artificial Intelligence and Machine Learning in association with Institution's Innovation Council of CMR Institute of Technology. During the visit, students interacted with professionals and researchers, gaining insights into the challenges faced in aerospace engineering, automation, AI applications, and research-driven product development. The experience encouraged them to think critically, identify practical problem statements, and understand how innovation can contribute to solving complex industry problems.

Parent-Teacher Meeting

Dr. Shyam P. Joy, Head of the Department of AIML & CSE (AIML), introduced the faculty members to the parents and briefed the gathering about the institute and the various academic and co-curricular activities carried out by the AIML and CSE (AIML) departments on August 8, 2026.

The academic progress and performance of students were discussed with emphasis on maintaining a strong academic record and CGPA. Parents were encouraged to monitor attendance, academic performance and overall progress through regular interaction with mentors. The importance of academic discipline, regular attendance and active participation in department activities was emphasized. Students were encouraged to make effective use of MOOCs/NPTEL courses, projects, research opportunities, technical events, workshops and other skill-development initiatives.

Student Induction Program

ORIENTATION FOR SEMESTER 7TH – LAUNCHPAD 7.0 – FROM CAMPUS TO CAREER

The Department of Artificial Intelligence and Machine Learning conducted a Seventh Semester Orientation Program on 05 August 2026 to familiarize students with academic expectations, placement opportunities, internship requirements, and career preparation. The session emphasized the importance of active participation in campus placement drives and training programs, particularly in view of the recruitment activities scheduled during the academic year. The students were briefed on VTU internship guidelines, mandatory Activity Points, and the procedures and timelines to be followed for successful completion. The session also addressed the need for greater participation in placement-related activities and encouraged students to consistently engage in technical training, certifications, aptitude practice, and industry-oriented learning.

A dedicated interview readiness session by the Professor of Practice provided students with practical insights into technical, aptitude, and HR interviews. Mock interviews and commonly asked interview questions were discussed to help students build confidence and improve their communication, problem-solving, and technical skills.

Student Placements/Internships

Bhavani Sharma
ASTUTO
13 LPA

Safa Mariyah
EPICOR
14 LPA

The Department is proud to announce that 122 students have successfully secured placements in reputed companies during the current placement season. The recruitment drive witnessed active participation from several leading organizations offering diverse career opportunities to the students. Notably, the highest package offered this year is ₹14 LPA, reflecting the strong technical skills and industry readiness of the students. This achievement highlights the consistent efforts of the students, faculty members, and the placement cell in enhancing employability and industry collaboration.

Mini Project Exhibition

FOURTH SEMESTER

The Department of Artificial Intelligence and Machine Learning and CSE(AIML) had organized the Mini-Project Exhibition for the 4th Semester, on 21-05-2026 (Thursday) from 2:30PM to 3:30PM. A total of 78 teams have prepared the project in various domains of Computer Science, AI and Machine Learning. Out of 78teams, 26 teams (71 students) are from CSE(AIML) and 52teams (144)students are from AIML. The inclusion of Mini-projects in the 4th semester curriculum played a significant role in enriching students' learning experiences by addressing critical gaps in the traditional academic framework. These projects enhance technical competency but also to foster industry-relevant skills such as problem-solving, teamwork, and project management. These projects also helped bridge the long-standing divide between academic training and industry expectations. The project topics aligned with current industry trends such as IoT, automation, and AI.

SIXTH SEMESTER

The Department of Artificial Intelligence and Machine Learning and CSE(AIML) had organized the Mini-Project Exhibition for the 6th Semester, on 30-04-2026 (Thursday) from 10:20AM to 12 :30PM. Total of 55 teams have prepared the project in various domains of Computer Science, AI and Machine Learning. Out of 11 teams, 5 teams are from CSE(AIML) and 6 teams are from AIML.

Student Achievements

K. Yaswanth Kumar (1CR23CI019), Faizan Raza (1CR23CI014), and Md. Zaid Ibrahim (1CR23CI027), students of the 7th Semester, have successfully registered their startup company in India. The startup, GAAVA, has been registered under Udyam Registration No. UDYAM-KR-03-061202. This achievement reflects the students' entrepreneurial spirit, innovation, and commitment to transforming their ideas into a formal business venture.

Prajwal B. Gowda (2022–26 Batch), Department of Artificial Intelligence and Machine Learning, has been selected among the Top 7 Delegates from the entire delegation at the India National Leadership Residency Program. This remarkable achievement reflects his leadership qualities, active participation, and commitment to excellence.

C. J. Varsha, Nishchal P., Varsha M., and Spoorthi H. T., students of the 7th Semester, emerged as winners of the Trendy Tech Hackathon. The team secured a cash prize of ₹11,000 for their innovative project titled "GenAI-Powered Vehicle Detection & Real-Time Tracking System". The project showcases the students' expertise in Generative AI, computer vision, and real-time tracking technologies, reflecting their ability to develop innovative solutions to real-world challenges.

Student Achievements

S. Samiksha Shetty has secured High Commendation (2nd Place) at the National Level Model United Nations – CAMUN'25, organized by Christ Academy. This achievement reflects her excellent communication, leadership, diplomacy, and critical-thinking skills, demonstrating her ability to actively engage in discussions on national and global issues.

Rajanya Sarkar emerged as the Winner in Solo Classical Dance at Samaanthara 2026, organized by S.E.A. Group of Institutions, Bengaluru. Her outstanding performance showcased her artistic excellence, dedication, and talent in classical dance.

Srishti Sangayya Malimath was selected to participate in the ISRO-START Capacity Building Workshop 2026, a prestigious five-day training programme conducted by the Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, from 27 to 31 July 2026. The programme provided an opportunity to gain exposure to space science, remote sensing, and emerging applications of space technology, along with valuable insights from experts in the field.

Student Achievements

Urvi Bhat has achieved a remarkable milestone by publishing her book titled In the Quiet of My Solitude. The book has been published and made available internationally and in India through Amazon, as well as on Pothi. This accomplishment reflects her creativity, literary talent, and dedication to writing.

Yashica G, Prakshi Lakhchaura, Safa Mariyah, and Sannah Sharma, students of 5th Semester, received a ₹15 lakh grant at the MSME Hackathon for their innovative idea titled “Leaf Tissue.” The achievement highlights their creativity, innovation, and entrepreneurial potential in developing solutions with real-world impact.

Shreya Seal, Parmbeer Singh, and Rhishav Dhali, students of 4th Semester AIML, were declared Category Winners at Membrain Hackathon 2026, held on 24th and 25th March 2026. The hackathon was organized in collaboration with AlphaNimble, providing students with an opportunity to showcase their innovation, problem-solving abilities, and technical skills.

Student Achievements

Mohammed Aqeeb, Niha Muskan Sherief, Ramesh V, and Pavan Bhat emerged as winners at the National-Level Social Hackathon and received a cash prize of ₹12,000. Their achievement reflects their innovation, teamwork, and commitment to developing solutions with meaningful social impact.

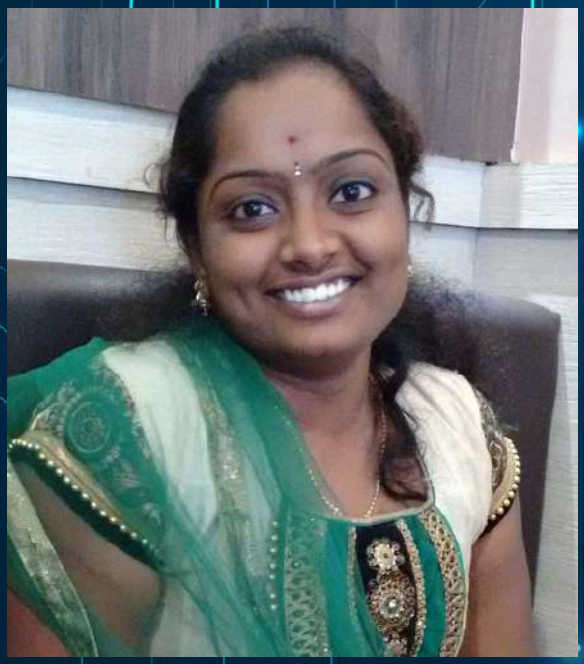
Muhammad Navas and Abdulrehan M K, students of 5th Semester, emerged as winners at the Traffic Tech Ideathon 2025 for their innovative project titled “Smart Ambulance Route Optimization System for Bangalore City.” The team was awarded a cash prize for their innovative solution aimed at optimizing ambulance routes and improving emergency response efficiency.

Isaiah Melvin Issac and Sujal Ranjan received the Innovation Award at Membrain Hackathon 2026, held on 24th and 25th March 2026 and organized in collaboration with AlphaNimble. The award recognizes their creativity, innovation, and technical excellence in developing an impactful solution.

Faculty Achievements

Dr. Novy Jacob has successfully completed her Ph.D. from Vellore Institute of Technology (VIT), Vellore. This significant academic achievement reflects her dedication to research and academic excellence. We extend our heartfelt congratulations and best wishes for her continued success in research and academia.

Dr. Revathi S has successfully completed her Ph.D. from Visvesvaraya Technological University (VTU), Belagavi. This achievement reflects her dedication to research and academic excellence. We extend our heartfelt congratulations and best wishes for her continued success in research and academia.



Faculty Achievements

PUBLICATIONS

- Priyanka S, Anshika Shukla, “Anchoring and Framing Effects in Modern LLMs: Comparative Analysis of Cognitive Biases in Language Models", ICAFT 2025- IEEE International Conference on Advancement in Futuristic Technologies, Belgaum ,India was published in IEEE Xplore

- Dr. Shalma H, Priya Trivedi, Pathway to Emergency Vehicle in Smart Traffic System based on contextual data from Networks, 6th International Conference on Smart Electronics and Communication (ICOSEC 2025), published in IEEE Xplore

- Dr. Novy Jacob, Content-Based Image Retrieval Using Deep learning for Medical Images, International Conference on Advancement in futuristic Technologies. was published in IEEE Xplore

- Dr. Revathi S, “Optical Flow MTCNN and Cross Attention 3D CNN Based Personality Prediction from the visual features” 3rd International Conference on Evolutionary Artificial Intelligence [ICEAI 2025] was published in IEEE Xplore.

- Priya Trivedi, “Adaptive Message Optimization in WhatsApp Marketing Using Multi-Armed Bandit Algorithm”, International conference on Advances in Science, Engineering &Technology (ICASET) was published in IEEE Xplore
- Jeevitha R, “Optimized Hybrid Learning Approach for Autism Spectrum Disorder Detection”, International Journal of Applied Mathematics (IJAM) was published in IEEE Xplore

- Jhashuva Udayagiri, Attention-Based Deep Learning for Medical Insurance Cost Prediction: A Comparative Analysis of TabNet and Tabular Transformers”, ICKECS2026 was published in IEEE Xplore

Knowledge Upgrade-MooC’s

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

SWASTISUDHA PUNYATOYA

for successfully completing the course

Python for Data Science

with a consolidated score of 76 %

Online Assignments	21.25/25	Proctored Exam	55.1/75

Total number of candidates certified in this course: 16331

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Aug 2025
(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS104S332103328 To verify the certificate No. of credits recommended: 1 or 2

Prof. Swasthisudha successfully completed the “Python for Data Science” course offered through the NPTEL online certification program, funded by the Government of India. She achieved an outstanding consolidated score of 90%, securing the Silver Elite certification.

Faculty Tech Talk

A technical talk on “Predicting Survival of Communities in Social Networks” was conducted with the objective of introducing faculty members to the importance of Social Network Analysis, the workflow of classification models, and their real-world applications. The session explored how Machine Learning can be used to predict the evolution of communities in social networks based on historical data and community-level features such as the number of nodes and edges, average degree, conductance, and activity level.

A technical talk on “Neuromorphic Computing” was conducted to introduce faculty members to this brain-inspired computing paradigm and its potential to address the limitations of traditional computing systems. The session covered the architecture and working principles of neuromorphic systems, including artificial neurons, synapses, and Spiking Neural Networks (SNNs). The talk highlighted the key advantages of neuromorphic computing, such as parallel processing, low power consumption, and real-time learning, along with its challenges and limitations

A technical talk on “Kubernetes” was conducted to introduce faculty members to the fundamentals of container orchestration and its role in modern cloud-native application development. The session covered how Kubernetes automates the deployment, scaling, management, and operation of containerized applications across diverse computing environments. Key features such as high availability, self-healing, load balancing, horizontal scaling, service discovery, resource optimization, rolling updates, and rollbacks were discussed.

Faculty FDP

Faculty Name	Title of FDP	Agency Name
Navya V K	Security and Privacy issues and their countermeasures in the era of Artificial Intelligence	DELHI TECHNOLOGICAL UNIVERSITY-ATAL FDP
Jeevitha R	JAVOMI & Systematic Literature Review.	Ideal Institute of Academic & Research Advancement(IIRA), Ministry of MSME,GOI Registered.
Shijili P T	Machine Learning with Python	EICTA Consortium,IIT Kanpur
Dr. Revathi	FGPA/SoC- BASED AI WITH CLOUD INTEGRATION and ADVANCED NETWORKING PROGRAMMING	RV COLLEGE OF ENGINEERING,BENGALURU
Sandhya Kumari	Python for Data Science	AICTE-NPTEL
Priya Trivedi	Quantum Communication Recent Progress and Future Research Direction	National Institute of Technology, Tiruchirappalli
Dr. Shalma	Generative and Agentic Ai-tools and demos	SVNIT-IEEE Gujart section
Vinuta S	Next Gen AI and LLMs: Transforming Pedagogy and Research	NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH, BHOPAL
Saurav Kumar Topo	Quantum Communication: Recent Progress and Future Research Direction	National Institute of Technology, Tiruchirappalli

Graduation Day -2026

The Graduation Day 2026 of CMR Institute of Technology was held on 9 May 2026, celebrating the achievements of the graduating batch. The ceremony marked a significant milestone in the academic journey of students from the Department of Artificial Intelligence and Machine Learning. Graduates proudly received their degrees, commemorating their years of learning, dedication, and perseverance. The event brought together graduating students, faculty members, parents, and distinguished guests. The ceremony highlighted the students' academic accomplishments and their readiness to embark on their professional journeys. The graduating students reflected the department's commitment to excellence in Artificial Intelligence and Machine Learning. The occasion was filled with pride, joy, and memorable moments as students celebrated this important transition. The department congratulates all the graduates and wishes them success, innovation, and excellence in their future endeavours.

Testimonials

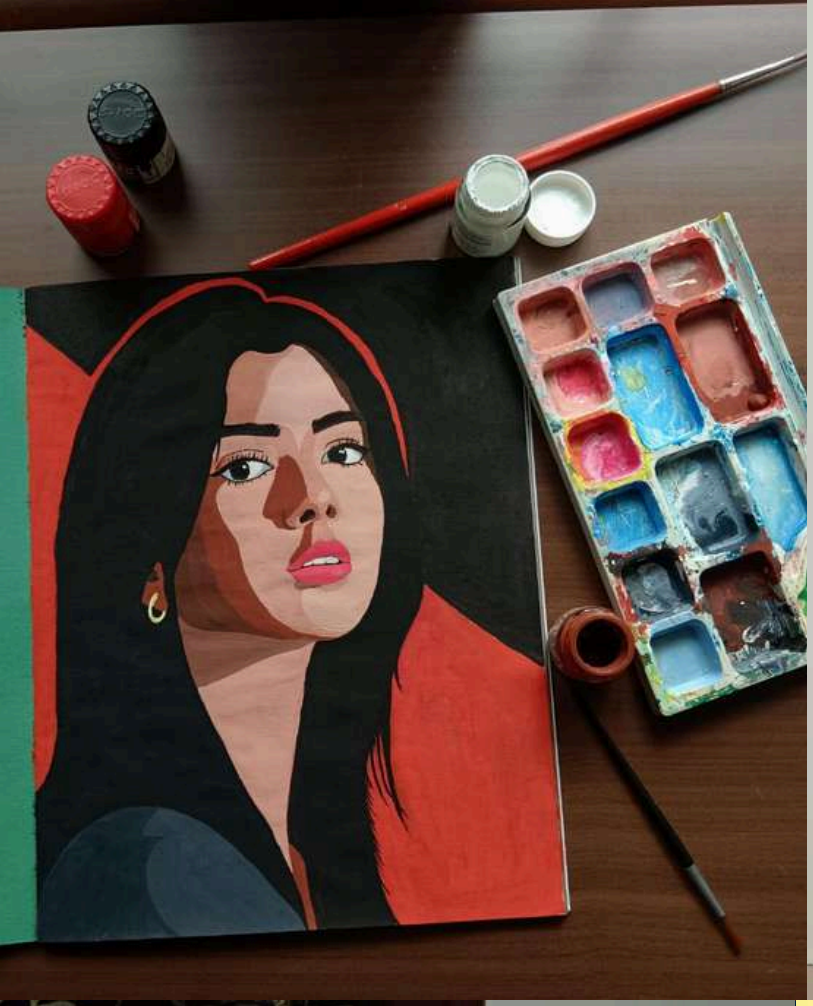
Being selected for an internship at Astuto through campus placements is a moment I'm really proud of. I'm grateful to my college for building an environment that constantly pushed us toward curiosity, self-learning, and growth.

One of the most valuable lessons from my time here was learning to explore and understand things independently before turning to others for help. Working on small projects, experimenting with new concepts, and debugging problems on my own helped me build confidence and sharpen my problem-solving skills. The technical training sessions and mentorship we received along the way played a big role in preparing me for what lies ahead.

Our college's emphasis on hackathons, coding competitions, and other innovation-driven activities gave me the practical exposure and confidence to apply my learning to real-world challenges. Beyond academics, the campus also encouraged participation in cultural and technical activities, which helped me grow in creativity, leadership, and teamwork while keeping a balanced college experience.

I want to sincerely thank my faculty and mentors for their constant support and guidance, and my peers for creating such a collaborative and motivating environment to learn in. I'm truly grateful for this opportunity and excited to begin this new chapter with Astuto, carrying forward the same enthusiasm and eagerness to keep learning.

* Bhavani Sharma (1CR23CI012)



Art By: Mansi Arunkumar Harti
VII Semester

Contact Us

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