R.M.K.
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

31 YEARS OF ACADEMIC EXCELLENCE

DEPARTMENT OF INFORMATION TECHNOLOGY

News Letter

2025 - 2026

ODD SEMESTER



Knowledge Partner & Powered by

HEXAWARE | virtusa

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INSTITUTION VISION & MISSION

VISION

- To be the most preferred destination in the country for pursuing education in Engineering and its allied fields, at the undergraduate and post graduate levels, and for undertaking doctoral research.
- To transform learners into achievers at the global level with the right attitude towards changing societal needs.

MISSION

- To develop the needed resources and infrastructure, and to establish a conducive ambience for the teaching- learning process
- To nurture in the students, professional and ethical values, and to instill in them a spirit of innovation and entrepreneurship
- To encourage in the students a desire for higher learning and research, to equip them to face the global challenges
- To provide opportunities for students to get the needed additional skills to make them industry ready
- To interact with industries and other organizations to facilitate transfer of knowledge and know-how.



DEPARTMENT VISION & MISSION

VISION

- To be the most preferred destination in the country for imparting education in Information Technology, at the undergraduate and research levels.
- To transform the learners into innovators at the global level to provide solutions for emerging societal challenges.

MISSION

- To provide an infrastructure and adopt creative teaching techniques to promote participatory learning.
- To develop high personal and professional values, technical competence and a spirit of innovation and entrepreneurship.
- To encourage the desire for higher learning and research, to address global challenges.
- To collaborate with industry to gain knowledge on their current trends.
- To provide opportunity for nurturing skills that leads to career excellence.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

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PEO 1: To ensure graduates will be proficient in utilizing the fundamental knowledge of basic sciences, mathematics and Information Technology for the applications relevant to various streams of Engineering and Technology.

PEO 2: To enrich graduates with the core competencies necessary for applying knowledge of computers and telecommunications equipment to store, retrieve, transmit, manipulate and analyze data in the context of business enterprise.

PEO 3: To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.

PEO 4: To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.

PEO 5: To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.



PROGRAM SPECIFIC OUTCOMES (PSOs)

PROGRAM SPECIFIC OUTCOMES (PSOs)

After the successful completion of the program, the graduates will be able to:

- PSO1: Apply the core aspects of Information Technology principles such as software design & development and data engineering for developing software products.
- PSO2: Identify and utilize the strengths of current technologies in the hardware/support and mobile technology domains in implementing IT enabled services for societal needs.
- PSO3: Decide on suitable career path immediately after graduating or after pursuing higher degree, that would place them in an esteemed organization or create one of their own.



PROGRAM OUTCOMES (POs)

PROGRAM OUTCOMES (POs)

ENGINEERING GRADUATES WILL BE ABLE TO:

1. **Engineering Knowledge:** Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in **WK1** to **WK4** respectively to developto the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. **(WK1 to WK4)**
3. **Design/Development of Solutions:** Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. **(WK5)**
4. **Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to providevalid conclusions. **(WK8)**.
5. **Engineering Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solvecomplex engineering problems. **(WK2 and WK6)**
6. **The Engineer and The World:** Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impacton sustainability with reference to economy, health, safety, legal framework, culture and environment. **(WK1, WK5, and WK7)**.
7. **Ethics:** Apply ethicalprinciples and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. **(WK9)**
8. **Individual and Collaborative Team Work:** Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
9. **Communication:** Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences
10. **Project Management and Finance:** Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.
11. **Life-Long Learning:** Recognize the need for, and have the preparation and ability for
    i)independent and life-long learning
    ii)adaptability to new and emerging technologies and
    iii)critical thinking in the broadest context of technological change. **(WK8)**



KNOWLEDGE AND ATTITUDE PROFILE(WK)

WK 1	A systematic, theory-based understanding of the naturalsciences applicable to the discipline and awareness of relevant social sciences.
WK 2	Conceptually-based mathematics, numerical analysis, data analysis, statistics a and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.
WK 3	A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.
WK 4	Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.
WK 5	Knowledge, including efficient resource use, environmental impacts, whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.
WK 6	Knowledge of engineering practice(technology) in the practice areas in the engineering discipline.
WK 7	Knowledge of the role of engineering in society and identified issues in engineering practicein the discipline, such as the professional responsibility of an engineer to public safety and sustainable development.
WK 8	Engagement with selected knowledge in the current research literature of the discipline, awarenessof the power of criticalthinking and creativeapproaches to evaluate emerging issues.
WK 9	Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.



ABOUT THE DEPARTMENT

The Department of Information Technology was started in the year 1999 with an intake of 30 students in B.Tech Information Technology and at present, the sanctioned intake is 120. The National Board of Accreditation (NBA), New Delhi, has accredited the Program B.Tech Information Technology. The Department aims at providing domain specific training and skills to the students for pursuing a career in Information Technology. Our mission is to create a conducive environment for technical learning, fostering a desire for higher education and research in the field of Information Technology. Additionally, we aim to equip our learners with the necessary skills to tackle global challenges, nurture an entrepreneurial and innovative mindset. We provide personalized care and counseling to our students, ensuring their holistic development. A dedicated team of 19 faculty members contributes to the holistic development of students. The faculty team includes Three Professors, Five Associate Professors and Eleven Assistant Professors.

The Department has well-equipped state-of-the-art laboratory facilities to carry out various projects, research and consultancy activities. The department has received AICTE-CII Award 2018 for the Best Industry-Linked Institute for Computer & IT Engineering & Allied Courses (Established-Degree).

Virtusa Consulting Services Pvt. Ltd., our esteemed Knowledge Partner, contributes to the design of 40.38% of the B.Tech Information Technology curriculum and syllabus. The curriculum includes a majority of Practicum Integrated Courses that focus on niche areas. Expert professionals from Virtusa deliver course contents, which are further enhanced by the AI-driven learning platform, RMK Nextgen, providing students with a personalized learning experience. The Department of Information Technology is recognized as a Research Centre under Anna University, Chennai.



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COURSES OFFERED

B.Tech – Information Technology
Knowledge Partner and Powered by Virtusa
Collobrated with Hexaware for student & faculty engagement activities

HONOURS DEGREE OFFERED:

B. TECH - HONOURS IN INFORMATION TECHNOLOGY WITH SPECIALIZATION IN

- Full Stack Engineering
- Fintech and Web 3.0
- Artificial Intelligence
- Data Science
- Media Processing
- Cyber Security
- Quantum Computing

MINOR DEGREE OFFERED:

B. TECH -INFORMATION TECHNOLOGY WITH MINOR DEGREE IN

- Internet of Things
- Robotics and Automation
- Electric Vehicle Technology
- Embedded Systems
- Business Analytics
- Entrepreneurship and Innovation

Ph.D. - INFORMATION AND COMMUNICATION ENGINEERING



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INDUSTRIAL VISITS

Batch : 2022 - 2026



Indian Space Research Organization (ISRO)
Batch : 2022-26
Year : Final Year
No of Students : 129
2nd September 2025

Approtech R&D Solutions Pvt Ltd
Batch : 2022 - 2026
Year : Final Year
No of Students : 129
16th October 2025



Batch : 2023 - 2027

INDUSTRIAL VISITS



Indian Space Research Organization (ISRO)
Batch : 2023 - 27
Year : Pre Final Year
No of Students : 124
23rd September 2025

Hexaware Technologies
Batch : 2023 - 27
Year : Pre Final Year
No of Students : 124
13th October 2025



Batch : 2024 - 2028

INDUSTRIAL VISITS



National Institute of Technical Teachers' Training and Research (NITTTR)

Batch : 2024 - 28

Year : Second Year

No of Students : 128

12th September 2025

Imarticus

Batch : 2024 - 28

Year : Second Year

No of Students : 128

16th October 2025



KNOWLEDGE PARTNER BOOTCAMPS & MASTER CLASSES



Virtusa Bootcamp

Bootcamp by Virtusa conducted for the students of R.M.K. Engineering College on the topic of **"Microservice Architecture"** by **Mr. Rajkumar Sivasubramanian,** Associate Director - Technology, Virtusa Consulting Services Pvt. Ltd, Chennai on 25th July 2025. The session focused on providing students with practical exposure to industry-oriented technologies, professional skills, and real-world development practices, helping them gain valuable insights into the expectations and requirements of the IT industry.

GUEST LECTURES



Dr. Noor Mohammad S K, Associate Professor, Department of Computer Science and Engineering, IIITDM, Kancheepuram, Chennai, Delivered a Guest Lecture on “Computer Architecture” on 09th September 2025 to II IT Students

Dr. Noor Mohammad S K, Associate professor, Department of Computer Science and Engineering, Chennai, Delivered a Guest lecture on “Ethical Hacking” on 09th September 2025 to IV IT Students



GUEST LECTURES



III Year IT students Received a Guest Lecture on “Rest Application Development using Spring Boot and JPA” by DR. S. Maheshwari Associate Professor School of Computer Science and Engineering VIT - Chennai on 30th August 2025

Guest Lecture on **Advanced Java Programming** by Mr. Joel Felix Member Leadership staff, Zoho Corporation on 22nd September 2025 to II Year IT Students



GUEST LECTURES



IV Year IT students Received a Guest Lecture on "Microservice Architecture" by Mr. Rajkumar Sivasubramanian, Associate Director – Technology, Virtusa Consulting Services Pvt. Ltd., Chennai on 25th July 2025.

III Year IT students Received a Guest Lecture on "Server-Side Programming" by Mr. Rajkumar Sivasubramanian, Associate Director – Technology, Virtusa Consulting Services Pvt. Ltd., Chennai on 25th July 2025.



PLACEMENTS - BATCH 2026

Batch : 2022 - 2026

HEXAWARE
16 Students

BAHWAN CYBER TEK
4 Students

DELOITTE
3 Students

BNP
2 Students

INFOSYS
4 Students

FLEX
2 Student

ZOHO
3 Students

HUBSTREAM
2 Students

VIRTUSA
1 Student

DAIFUKU
1 Student

MPHASIS
3 Students

JMAN
1 Student

COGNIZANT - GH
8 Students

COGNIZANT
19 Students

LTIMINDTREE
16 Students

PWC
2 Students

80.7%

MULTIPLE OFFERS



DOUBLE OFFERS

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Batch : 2022 - 2026

DOUBLE OFFERS



SHYAM S

- FLEX — 5.2 LPA
- COGNIZANT - GH — 4 LPA



TEJA KRISHNA C

- BAHWAN CYBER TEK — 4 LPA
- LTIMINDTREE — 4.05 LPA



DINESH S

- LTIMINDTREE — 4.05 LPA
- COGNIZANT — 4 LPA



RITHIK RAJA S

- BNP — 7.5 LPA
- COGNIZANT — 4 LPA



DIVAKAR G

- BNP — 7.5 LPA
- COGNIZANT — 4 LPA

DOUBLE OFFERS



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DEPARTMENT OF INFORMATION TECHNOLOGY

Batch : 2022 - 2026



ELAKKIYA S

- INFOSYS 3.6 LPA
- LTIMINDTREE 4.05 LPA



D.YOGESWAR REDDY

- LTIMINDTREE 4.05 LPA
- COGNIZANT 4 LPA



AMIRTHA A

- LTIMINDTREE 4.05 LPA
- COGNIZANT 4 LPA



VIGNESHWARAN N

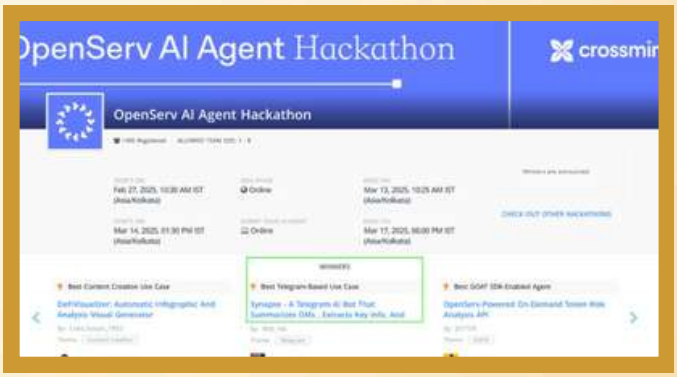
- JMAN 6.5 LPA
- LTIMINDTREE 4.05 LPA

ACHIEVEMENTS



Program: Global MCP Hackathon
Team Sentinel 5 Won Second Prize $3000 USD in Global MCP Hackathon 2025.
Team Leader: Mr.Divakar G.
Team Members: Mr.Rithik Raja S, Mr.Rohit Vijayan B, Mr.Kaviyarasu S, Mr.J.Gokul.

Program: OpenServ AI Agent Hackathon
Mr.S.Yokesh Kannan, 2026 Batch won OpenServ AI Agent Hackathon with a Prize Amount of $2000 USD



ACHIEVEMENTS



Event: Tamil Nadu Global Startup Summit 2025

- Category: Startup Idea Presentation
- Award: Participation
- Participants: Nancy Lilly Maria C S, Poojitha N, Sham Ganesh R & Mohan Kumar H
- Achievement: Participated in the Tamil Nadu Global Startup Summit 2025, presenting their startup idea and gaining valuable exposure to entrepreneurship, innovation, and the startup ecosystem.

Event: SheShines Coding HackathonConducted by: Hexaware

- Category: Coding Hackathon
- Award: Runner-Up
- Participants: Vaishnavi & Kalaiarasi
- Achievement: Secured the Runner-Up position in the SheShines Coding Hackathon, showcasing their strong coding skills, problem-solving abilities, and innovative approach to technical challenges.



ACHIEVEMENTS



Event: National Hackathon 2025

- Hosted by: Shivalik College of Engineering, Dehradun, Uttarakhand
- Category: National-Level Hackathon
- Award: Runner-Up
- Participants: Chokkalingam & Yogesh Kannan
- Achievement: Secured the Runner-Up position at the National Hackathon 2025, demonstrating their technical expertise, innovative thinking, teamwork, and problem-solving skills.

Event: Open Gateway Hackathon

- Date: 9th & 10th October 2025
- Venue: Yashobhoomi Convention Centre, New Delhi
- Award: First Prize – ₹4,00,000
- Participants: Rithik Raja S, Rohit Vijayan B & Divakar G
- Achievement: The team secured the First Prize at the Open Gateway Hackathon, earning a cash prize of ₹4,00,000 for their innovative solution and outstanding technical performance.



ACHIEVEMENTS



Program: Internship at CUTE INFOCOMM SOLUTIONS PTE LTD

- Location: Singapore
- Program: International Internship
- Participant: N. Priyajothi
- Duration : 15th December 2025 - 15th February 2026.
- Achievement: Participated in an international internship at CUTE INFOCOMM SOLUTINS PTE LTD, Singapore, gaining valuable global exposure and practical experience in an international academic environment.

Program: Internship at UCSI University

- Location: Malaysia
- Program: International Internship
- Participant: Akshaya Lakshmi
- Achievement: Participated in an international internship at UCSI University, Malaysia, gaining valuable global exposure and practical experience in an international academic environment.



ACHIEVEMENTS



Team Halogen



Team Techno

Program: Tiruvallur District Science Park

Two RMKEC student teams, VigyaanXpo and Halogen, developed innovative science exhibits for the Tiruvallur District Science Park. The projects were successfully demonstrated before the District Collector on 19th September 2025.

Student enthusiastically participated in and enjoyed the study-oriented fun games.

COLLAB0RATIVE RESEARCH



Department of IT represented in India–Japan Collaborative Project 3 by NexArc Rise.

7 students worked on 7 projects with guidance from Dr. Shrinathan and Prof. Mizuno Yukio, Japan.

Focused on real-world challenges, innovation, and global collaboration.

- Grateful for our mentors' support in this international initiative.

STAFF ACHIEVEMENTS & CERTIFICATIONS





STAFF ACHIEVEMENTS









STAFF ACHIEVEMENTS


The Institution of Engineers (India)
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BEST ADMINISTRATOR AWARD
TO
DR.M.SHEERIN BANU
PROFESSOR & HEAD
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R.M.K. ENGINEERING COLLEGE
"A recognition of your exceptional leadership, visionary administration, unwavering dedication to institutional excellence, and invaluable contribution to the growth and success of the organization, proudly presented during **QUANTUM 2K25**, held on October 23-24, 2025."


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PROFESSOR
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NPTEL DISCIPLINE STAR
CERTIFICATE OF APPRECIATION
TO
DR A ANNA LAKSHMI
Computer Science and Engineering
for being recognized as NPTEL DISCIPLINE STAR
JUL-DEC 2025
Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM
Prof. Yigesh Muthavijayan
NPTEL Coordinator
IIT Madras
NPTEL DISCIPLINE STAR
Candidate has to be certified in courses of same discipline, completed more than 30 weeks of learning, final score in each subject>=55
NPTEL
Swayam

STAFF ACHIEVEMENTS









CLUB ACTIVITIES

Name of the Club	No of activities conducted within the Department
Language Club	2
Yoga Club	2
Tedx Club	2
Coding Club	2
Math Club	2
Cultural Club	2
Science and Innovation Club	2
Astronomy Club	2
Photography Club	2
ECO Club	2
Digital Detox Club	2
Humor Club	2
Toast masters Club	2

CLUB ACTIVITIES

LANGUAGE CLUB

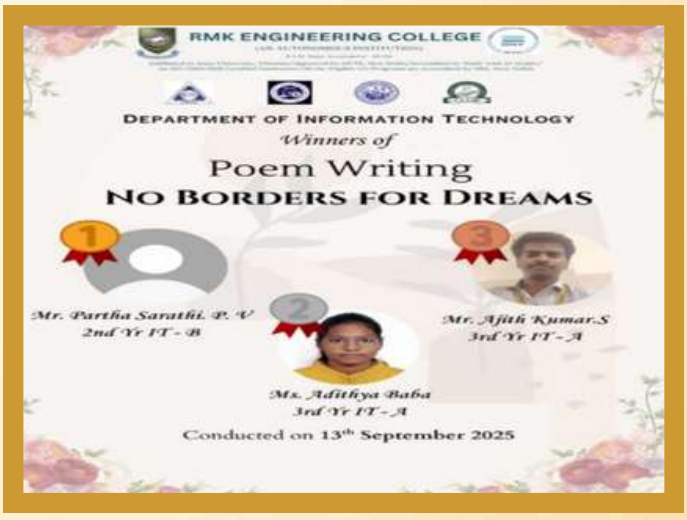


The **Language Club** conducted **"Essay Writing – Transforming Education for a Changing World"** on 9th August 2025.

The event encouraged students to express their ideas on the changing landscape of education. Participants developed their writing, creativity, and critical-thinking skills through the activity.

The **Language Club** conducted **"Poem Writing – No Borders for Dreams"** on 13th September 2025.

The event encouraged students to express their dreams and ideas through creative poetry. Participants showcased their imagination, creativity, and language skills through their poems.



CLUB ACTIVITIES

YOGA CLUB



The **Yoga club** conducted **"Dhyana Yoga"** on 12th August 2025. The session introduced participants to the practice of meditation and mindful breathing.It encouraged relaxation, concentration, and inner calm among the participants.The activity promoted awareness of mental well-being and a healthy lifestyle.

The Yoga club conducted "**Find Your Inner Balance on Yoga Day!"** on 13th September 2025.The session encouraged participants to practise yoga for physical and mental well-being.Participants focused on improving balance, flexibility, concentration, and relaxation.



CLUB ACTIVITIES

TEDX CLUB



The **TedX club** conducted **"Idea Swap Box"** on 12th August 2025.The activity encouraged participants to share innovative ideas and perspectives.It provided a platform for meaningful interaction, collaboration, and knowledge exchange.Participants developed creative thinking and strengthened their spirit of teamwork.

The **TedX club** conducted **"Debate on MindSpark"** on 23rd September 2025. The activity provided participants with a platform to express and exchange ideas. The debate encouraged critical thinking, effective communication, and confidence. Participants actively engaged in presenting arguments and listening to diverse perspectives.



CLUB ACTIVITIES

CODING CLUB



The **Coding Club** conducted the **"HackerRank Coding Test"** on 11th August 2025.The activity provided participants with an opportunity to test and enhance their coding skills. It encouraged logical thinking, problem-solving, and programming proficiency. Participants applied their technical knowledge to solve coding challenges within the given time.

The **Coding Club** conducted the **"HackerRank Coding Contest"** on 13th September 2025.The contest provided participants with an opportunity to demonstrate their programming skills.
It encouraged logical thinking, problem-solving, and efficient coding practices.Participants actively engaged in solving coding challenges and improving their technical abilities.



CLUB ACTIVITIES

MATH CLUB



The **Math Club** conducted **"Sine of the Time"** on 09th August 2025.The event encouraged students to explore the practical and interesting aspects of mathematics.Participants engaged in activities that enhanced their logical thinking and mathematical understanding.The session promoted curiosity, creativity, and appreciation for mathematical concepts.

The **Math Club** conducted **"Theorem Thinkers"** on 18th September 2025.The event encouraged students to explore mathematical theorems through engaging activities.Participants enhanced their logical reasoning, analytical thinking, and problem-solving skills.The activity promoted curiosity and a deeper understanding of mathematical concepts.



CLUB ACTIVITIES

CULTURAL CLUB



The **Cultural Club** conducted the Dance Competition **"Dance Clash"** on 01st September 2025. The event provided a vibrant platform for students to showcase their dancing talents.
Participants displayed creativity, energy, rhythm, and confidence through their performances.
The competition encouraged artistic expression, teamwork, and appreciation of cultural talents.

The **Cultural Club** conducted the Singing Competition **"Beat Fusion"** on 13th September 2025. The event provided a platform for students to showcase their singing talents and creativity.
Participants entertained the audience with their melodious performances and musical expressions.
The competition encouraged confidence, artistic skills, and appreciation for music.



CLUB ACTIVITIES

SCIENCE AND INNOVATION CLUB



The **Science and Innovation Club** conducted the Quiz Competition on **"Rocketry"** on 30th August 2025.The event encouraged students to explore the fascinating concepts of rockets, space science, and technology. Participants enhanced their scientific knowledge, logical thinking, and problem-solving skills through the quiz..

The **Science and Innovation Club** conducted the Topic Presentation – "Think-A-Thon" on 20th September 2025. The event provided students with a platform to present innovative ideas and scientific concepts. Participants enhanced their presentation, communication, and critical-thinking skills. The activity encouraged creativity, curiosity, and a spirit of scientific exploration.



CLUB ACTIVITIES

ASTRONOMY CLUB



The **Astronomy Club** conducted **"Stardust Stanzas"** on 11TH August 2025. The event encouraged students to explore astronomy through creative and imaginative expression. Participants showcased their interest in stars, space, and the wonders of the universe. The activity promoted creativity, curiosity, and appreciation for astronomical concepts.

The **Astronomy Club** conducted **"Quasar Quizzes"** on 13th September 2025. The event encouraged students to explore their knowledge of astronomy and space science. Participants enhanced their understanding of celestial objects, stars, and the universe through the quiz. The activity promoted curiosity, scientific thinking, and interest in astronomy.



CLUB ACTIVITIES

PHOTOGRAPHY CLUB



The **Photography Club** conducted **"Snap for Peace"** on 13TH August 2025. The event encouraged students to capture meaningful moments that reflected the theme of peace. Participants showcased their creativity, photography skills, and unique perspectives through their photographs. The activity promoted visual storytelling, artistic expression, and awareness of peace and harmony.

The **Photography Club** conducted **"Frame the Future"** on 20th September 2025. The event encouraged students to capture their vision of the future through creative photography. Participants showcased their imagination, photographic skills, and unique perspectives. The activity promoted visual storytelling, creativity, and innovative thinking.



CLUB ACTIVITIES

ECO CLUB



The **Eco Club** conducted the Quiz Competition – **"Air Pollution"** on 09th August 2025. The event aimed to create awareness about the causes, effects, and prevention of air pollution. Participants enhanced their environmental knowledge and understanding through the quiz. The activity encouraged students to adopt eco-friendly practices and contribute to a cleaner environment.

The **Eco Club** conducted the Elocution Competition – **"Biodiversity"** on 13th September 2025. The event provided students with a platform to express their views on the importance of biodiversity. Participants showcased their communication skills, confidence, and environmental awareness. The activity highlighted the need to protect and conserve biodiversity for a sustainable future.



CLUB ACTIVITIES

DIGITAL DETOX CLUB



The **Digital Detox** Club conducted **"Guess the Tech"** on 11th August 2025. The event encouraged students to engage with technology through an interactive and thought-provoking activity. Participants explored their knowledge of digital tools, devices, and emerging technologies. The activity promoted awareness, curiosity, and mindful engagement with the digital world.

The **Digital Detox** Club conducted **"Guess Object"** on 16th September 2025. The activity encouraged participants to observe, identify, and think creatively. Participants engaged in an interactive guessing activity that enhanced their observation and reasoning skills. The event promoted mindful participation and active engagement beyond digital devices.



CLUB ACTIVITIES

HUMOUR CLUB



The **Humour Club** conducted a **"Quiz Competition"** on 11th August 2025. The event provided an enjoyable platform for students to test their general knowledge and quick thinking. Participants actively engaged in the quiz, showcasing their wit, confidence, and reasoning skills. The activity promoted learning through fun, interaction, and healthy competition.

The **Humour Club** conducted the **"Poster Presentation"** on 07th October 2025. The event provided students with a creative platform to present their ideas through posters. Participants showcased their creativity, communication skills, and innovative thinking. The activity encouraged effective visual expression and confident presentation.



CLUB ACTIVITIES

TOAST MASTER CLUB



The **Toastmasters Club** conducted the **"Speech Contest"** on 13th September 2025. The event provided participants with a platform to showcase their public speaking skills. Participants demonstrated confidence, clarity, creativity, and effective communication. The contest encouraged students to overcome stage fear and express their ideas confidently.

The **Toastmasters Club** conducted the **"Oratory Competition"** on 17th September 2025. The event provided participants with an opportunity to develop and showcase their public speaking abilities. Participants expressed their ideas with confidence, clarity, and effective communication.
The competition encouraged critical thinking, presentation skills, and stage confidence.



FACUTLY DEVELOPMENT PROGRAMMES & WORKSHOPS



Faculty Development Program titled "**Business Strategy**" by Dr. Jackulin Divya Mary, Assistant Professor, Department of Rural and Enterpreneurship Development, NITTTR, Chennai on 29th November 2025.

Faculty Development Program titled "**Agentic AI**" by Dr. S. V. Kogilavani, Professor, Department of Computer Science & Engineering, Dean, Academics and Research, NITTTR, Chennai on 03rd December 2025.



FACUTLY DEVELOPMENT PROGRAMS & WORKSHOPS



Faculty Development Program titled "**Digital Marketing**" by Dr. S. Meenakumari, Director, AUTVS CQM Coordinator, Department of Management Studies, Anna University, Chennai on 29th November 2025.

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr. Sheerin Banu M	Secure Patient Data Management Using Blockchain and Cognitive Aware Deep Learning with Swin Transformer	2025 3rd International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT)	Scopus	2025
	Optimizing Supply Chain Performance Using Vision Transformer-Enhanced Temporal Convolutional Networks	2025 3rd International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT)	Scopus	
	Joint Feature Selection Algorithms for Autism Spectrum Disorder Detection Using fMRI	IETE Journal of Research	scopus	2025
Dr. Saravanan K	Detection and prevention in WSN security framework using deep learning against black hole and wormhole attacks	Ain Shams Engineering Journal	SCI	2025
Mr. S.Nagarajan	Revolutionizing Technology: Advancements, Challenges, and Future of Computer Vision	IEEE	Scopus	2025

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr. Saravanan K	Distributed Denial of Service Attack Detection on Precision Agricultural Information using Machine Learning	IEEE	scopus	2025
	A Gesture-based Mobile Platform for Accessible Education	IEEE	scopus	
	Enhancing Cloud Security with AI: Developing Robust, Scalable Solutions for Threat Mitigation and Data Protection in Cloud Platforms	IEEE	Scopus	2025
	Development of Personalised Diseases with Digital Twins: Wearables for Real-Time Monitoring and Early Intervention in Heart Patients	IEEE	Scopus	
Ms. Rekha M	A Machine learning framework for tiered cyberbulling severity assessmentand escalation	6th International Conference on Image Processing and CapsuleNetworksICIPCN-2026	scopus	2025
Ms Selvi K	AI-Powered Virtual Assistant for Enhanced Accessibility in the Visually Impaired Community	International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	Scopus	2025

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr. Selvakanmani S	Sentiment Analysis-Based stock Market Prediction Using Optimization Algorithm and Machine Learning	International Journal of Basic and Applied Sciences	scopus	2025
Dr .T.Mahalingam	Revolutionizing Healthcare Diagnostics: Precision and Timeliness Through AI and ML Integration	IEEE	scopus	2025
	Ward Voice: A Mobile Governance Platform for Transparent and Interactive Civic Engagement	IEEE	scopus	
	Federated Hybrid AI-Powered Cybersecurity Framework for Adaptive Threat Detection	IEEE	scopus	
Dr. A. Anna Lakshmi	Ensemble Deep Learning Approaches for Skin Cancer Detection and Prediction	Springer	scopus	2025

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr. A. Anna Lakshmi	Segmentation and Classification of Oral Lesion Cells Using Deep Learning Techniques	Springer Nature Link	scopus	
	A Future Trend On 5G Network Sub Slicing Techniques For Machine Learning Algorithmd	Journal of Theoretical and Applied Information Technology	scopus	2025
	Early Diagnosis Of Neuropsychiatric Disorders Using Combined Medical Imaging And Psychological Assessment Data	Testing, Psychometrics, Methodologyin Applied Psychology	scopus	
Dr.R.Poornima	BLOCKCHAIN TECHNOLOGY FOR SECURE VOTING AND DISTRIBUTED GOVERNANCE: A DEVELOPMENT-ORIENTED FRAMEWORK FOR MODERN CORPORATE SYSTEMS	Journal of Applied BioAnalysis	scopus	2025
	Interpretable Machine Learning for Predictive Hepatotoxicity Assessment Using Molecular Fingerprints and SHAP-Based Structural Analysis	Genetics and Molecular Research	scopus	2025

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr A Vijayaraj	DEEP LEARNING-DRIVEN MRI BRAIN TUMOR SEGMENTATION WITH MULTI-SCALE ATTENTION MECHANISMS	Journal of Environmental Protection and Ecology	Scopus	2025
	A Decision Tree Model-Based System for Categorizing Aberrant Red Blood Cells	2024 International Conference on Augmented Reality, Intelligent Systems, and Industrial Automation (ARIIA)	Scopus	2025
Dr. A Vijayaraj	Enhanced Intelligent Attendance Management System for Smart Campus Using Computer Vision	2025 2nd International Conference on Computing and Data Science (ICCDS)	scopus	2025
	Pyrolysis Based Fuel Production: A Green Alternative to Conventional Energy	2026 2nd International Conference on Computing and Data Science (ICCDS)	scopus	
	Enhancing Social Media Trust: Identifying Fake News with Domain Reputation and Content Insights	2027 2nd International Conference on Computing and Data Science (ICCDS)	Scopus	

RESEARCH PAPER PUBLICATIONS

Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr A Vijayaraj	A Comprehensive Analysis of Cloud-Edge-IoT Collaboration for Scalable and Instantaneous Uses	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	scopus	2025
	Automating Detection of Pneumonia from Chest XRays Using DenseNet	ICCCN 2024	scopus	
	Enhancing Kidney Disease Prediction Using the XGBoost Algorithm	ICCCN 2025	scopus	
	Predictive Maintenance in Smart Cities: An AI-Driven Approach to Urban Infrastructure Management	ICAIN'25	scopus	
	Income Classification: Using XGBoost and Evaluation of Its Performance with Accuracy and Confusion Matrix	ICAIN'25	scopus	
	Hybrid Machine Learning Approach for Fake Job Detection Management System	2025 2nd International Conference on Computing and Data Science (ICCDS)	scopus	

PATENT PUBLICATIONS

Title	Patent ID	Name Of The Inventors	Status
Smart IoT Based Tyre Monitoring System	202541018647	Dr. M. Sheerin Banu, Dr.Y. Sukhi, Ms. Reethika, Ms. Shreya, Ms. Santhiya K, Mr. Surendar K, Mr. A K Aadhithya	published
Secure Brain Tumor Detection and Classification Using a Hybrid Physics-Constrained Label-Aware Attention Neural Network	202541080964	Dr. A. Vijayaraj	Published

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