



NANDHA Engineering College

(Autonomous)

(Affiliated to Anna University, Chennai, Approved by AICTE, New Delhi, Accredited by NBA & NAAC with A+ Grade)
Erode, Tamil Nadu



FRESHMEN NEXUS

The Quarterly Gazette of the
Freshmen Engineering Department

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- ◆ Hackathon Winners
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Academic Toppers
Semester - I

Tech Trends
Ai Tool For Education

Volume 1 - Issue 1 - March 2026



The Freshmen Engineering Department of Nandha Engineering College organized a two-day Heritage Immersion Tour to provide students with experiential learning about the cultural heritage, architecture, and historical legacy of Tamil civilization. A total of 42 freshmen students participated in the tour along with four faculty coordinators: Dr. N. Saravanan, Head of the Department of Chemistry, Dr. Mayilsamy, Assistant Professor of Chemistry, Ms. Manimegalai, Assistant Professor of Tamil, and Ms. Indumathi, Assistant Professor of Computer Science and Engineering.



Students visited Tamil Museum and Chettinad houses during their Heritage Immersion Tour

Heritage Immersion Tour

Exploring the Legacy of Tamil Civilization

This initiative aligns with the United Nations Sustainable Development Goal (SDG) 11 – Sustainable Cities and Communities, particularly Target 11.4, which focuses on protecting and preserving cultural heritage.

On Day 1, the group visited the Sithanavasal Rock-Cut Temple, known for its ancient Jain cave paintings and Pandya-period rock-cut architecture. Students then explored the historic Thirumayam Fort, gaining insights into ancient defense structures. The tour continued to Athangudi village, where students observed the traditional handmade Athangudi tile-making process. The day concluded with a visit to the magnificent Chettinad Mansions, admired for their grand architecture and intricate woodwork.

On Day 2, students visited the Brihadeeswarar Temple in Thanjavur, a masterpiece of Chola architecture. They also explored the Thanjavur Maratha Palace and Saraswathi Mahal Library. The tour concluded with a visit to the historic Kallanai Dam near Tiruchirappalli.

Inauguration of Foreign Language Division

Japanese Language Training @NEC



The Department of English at Nandha Engineering College inaugurated the **Foreign Language Division (FLD)** with the introduction of Japanese language training, aiming to enhance the global competencies of engineering students. This initiative seeks to equip students with international communication skills and cultural awareness, enabling them to explore global career opportunities.

The programme was inaugurated by Dr. U. S. Ragupathy, Principal of the institution, who emphasized the importance of learning foreign languages in today's globalized world. He noted that multilingual abilities can significantly broaden the career prospects of engineering graduates, especially in multinational industries.

Dr. S. Kavitha, Head of the Department of English, welcomed the gathering and shared the vision behind establishing the Foreign Language Division. She highlighted that learning international languages strengthens communication skills and fosters better cultural understanding among students.

The programme was organized in collaboration with Zing Languages. Mr. Gopalakrishnan addressed the students and explained the growing demand for Japanese language professionals in industries such as manufacturing, information technology, and automation. The training is conducted by Preethi, with 48 students attending weekend classes.

TED Nandha - Season 4

Empowering Young Voices



The Department of English under the Freshmen Engineering Department of Nandha Engineering College successfully organized **TED Nandha – Season IV**, a public speaking competition designed to nurture communication skills, confidence, and innovative thinking among first-year engineering students. The event received an enthusiastic response from the freshmen community, with 164 students participating in the preliminary round.

Participants presented short talks on a wide range of themes including technology, society, personal inspiration, innovation, and future challenges. The prelims served as a vibrant platform where students shared their ideas, expressed their viewpoints, and demonstrated their creativity and public speaking abilities.

After a competitive evaluation process, 61 talented participants were shortlisted for the Intermediate Round, where they will further refine their presentation techniques and strengthen their ideas through impactful storytelling.

The Grand Finale of TED Nandha – Season IV is scheduled for the first week of April 2026 and will bring together the best speakers of the competition. Organized by the English Literary Club **LITERATI**, the event encourages students to think critically, communicate confidently, and transform ideas into powerful messages.

Bridging Generations: Alumni Interaction Programme for Freshmen

The Department of Physics, in association with the Alumni Association of Nandha Engineering College, organized a special Alumni Interaction Programme titled “**Bridging Generations: Alumni Connect for Freshers**” to inspire and guide first-year engineering students.

The programme aimed to provide a meaningful platform for alumni to share their professional experiences, industry exposure, and valuable career guidance with the freshmen community. Conducted in the Conference Hall, the session witnessed enthusiastic participation from students representing various engineering disciplines.

The interaction featured distinguished alumni speakers including **Ms. Rithika Vijayakumar, Packaged App Development Associate at Accenture**; **Ms. R. Vardhini, Quality Engineering Analyst at Accenture Solutions Pvt. Ltd.**; and **Mr. K. Krishna Prasath, Senior R&D Engineer (Lead) at Real Tech Systems, Erode.**

During the session, the alumni shared their academic journeys, experiences in the corporate world, and the challenges they encountered while transitioning from campus to industry. They emphasized the importance of strengthening technical knowledge, communication skills, and professional ethics, while encouraging students to actively engage in internships and skill development programmes.

The programme successfully strengthened the bond between alumni and current students, highlighting the significance of mentorship, networking, and continuous learning in shaping successful careers.



The Pride Moment - Hackathon Winners



Students from the First Year Computer Science (Cyber Security) program of Nandha Engineering College achieved a remarkable milestone by winning accolades at the Hackathon conducted during the 15th edition of

Innovation Day. The talented team comprising T. Sabari, M. Sajan Venkat, and K. Jebarson impressed the judges with their innovative project titled “**Lifeguard AI.**” The project focuses on utilizing artificial intelligence to enhance safety and provide timely assistance during emergency situations.

Their concept stood out for its practicality, creativity, and strong potential for social impact. The team was mentored by Ms. K. M. Madhumitha, Assistant Professor in the Department of English, who guided them in structuring their ideas and presenting their solution effectively. Competing with several enthusiastic participants, the freshmen demonstrated excellent teamwork, technical thinking, and problem-solving abilities. Their achievement highlights the culture of innovation and interdisciplinary learning encouraged at Nandha Engineering College, inspiring other students to explore creative technological solutions.

Innovation Day - 2026 - Sealing the top Position



Students of the First Year Computer Science program at Nandha Engineering College earned recognition at the Hackathon conducted during the 15th edition of Innovation Day with two innovative projects. T. V. Loghashri Aparna, S. Lois, Madhumitha Sankar, and K. Magendra Prasad developed “**LAMINAR – A Document Reader,**” enhancing accessibility for digital documents, mentored by Ms. M. Shanmugapriya. Another team comprising P. Vishwa, R. Yashwant, K. Yogeshwaran, N. Thirunesan, S. Samithra, and T. Ragavi created an IoT-based pest control system for turmeric crops, mentored by Mr. M. Srinivasan.



Congratulations
Discipline Stars



Ms. S. Suganthi
AP / English



Dr. J. Amutha Prabha
AP / Maths



Congratulations
Awardees



Dr. T. Jayanalina
HoD / Physics



Dr. S. V. Elangovan
ASP / Chemistry

International Mother Language Day

The Department of Tamil at Nandha Engineering College enthusiastically celebrated **International Mother Language Day** on February 21 by organizing a vibrant array of traditional Tamil games. The event aimed to promote the richness of Tamil culture and create awareness about the importance of preserving one's mother tongue. Students actively participated in various folk games such as **Pallanguzhi, Uriyadi, Kabaddi, and Silambam**, showcasing their skills, teamwork, and cultural pride.

The campus was filled with energy and excitement as students engaged in these heritage activities, reconnecting with the roots of Tamil tradition. Faculty members also encouraged participation and highlighted the cultural and historical significance of these games. The celebration not only provided entertainment but also instilled a sense of identity and appreciation for Tamil heritage among students. Overall, the event served as a meaningful tribute to the Tamil language and its enduring legacy.



Voices of Leadership Communication Skill Activity



Students Interviewed Principal, HoDs and Faculty Members as a part of Communication Skill Activity

To enhance the practical communication skills of first-year students, the Department of English, Nandha Engineering College organized an engaging activity titled **“Voices of Leadership.”** As part of this initiative, freshmen students were encouraged to conduct interviews with the Heads of various Departments and the Principal of the college.

The activity provided students with a valuable platform to practice important communication competencies such as framing questions, professional interaction, active listening, and confidence in formal

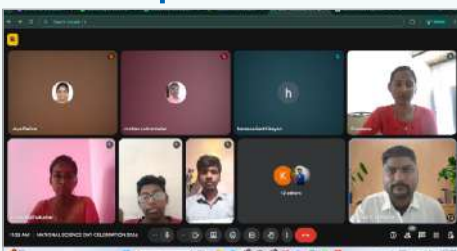
conversations. Students had the opportunity to interact with distinguished academic leaders, including Dr. U. S. Ragupathy, Principal of Nandha Engineering College, along with several Heads of Departments from different disciplines.

During the interviews, students asked insightful questions about leadership, academic excellence, career opportunities, and the evolving role of engineers in society. These interactions enabled students to gain meaningful perspectives from experienced academicians while also improving their ability

to communicate in a professional setting.

The initiative successfully transformed classroom learning into a practical experience, helping students develop confidence, clarity of expression, and interpersonal skills. By bridging the gap between theoretical learning and real-world interaction, the Department of English continues to nurture well-rounded students who are prepared to communicate effectively in both academic and professional environments.

Electro Spark Online Ideathon on National Science Day



February 2026, honoring the legacy of C. V. Raman. The event provided a dynamic platform for students to present innovative ideas on Sustainable Energy, Climate Action, Future Technologies, and Smart Infrastructure.

The event was conducted under the guidance of the Principal and department heads, the programme encouraged interdisciplinary thinking and creativity. Aligned with the United Nations Sustainable Development Goals, the ideathon inspired young engineers to develop impactful solutions for a sustainable and technologically advanced future.



A person who is happy is not because everything is right in his life, but because his attitude towards everything in his life is right.

- Sundar Pichai, CEO, GOOGLE

To commemorate National Science Day, Nandha Engineering College organized an online ideathon titled **“Electro Spark”** on 28

Celebrating Scholarly Achievement

Congratulations



We are delighted to share a moment of immense pride and academic distinction as **Dr. J. Amutha Prabha** has successfully been awarded the Doctor of Philosophy (Ph.D.) in Mathematics under Anna University Chennai. This remarkable achievement stands as a testament to unwavering dedication, intellectual rigor, and a deep commitment to advancing knowledge in the field. The accomplishment not only enhances personal academic stature but also brings great honor to the Department of Mathematics, Nandha Engineering College (Autonomous).



Dr. R. Megala Devi also received her doctorate degree from Bharathiar University we wholeheartedly congratulates her scholarly achievement. Her journey reflects perseverance, curiosity, and a passion for research, serving as an inspiration to both faculty and students. This milestone further strengthens the department's vision of fostering research excellence and academic innovation.



The Department of Freshmen Engineering proudly acknowledges the outstanding academic achievement of **Dr. Gomathi** on the successful completion of her Doctor of Philosophy (Ph.D.) in Mathematics. She has been awarded this prestigious degree from Bharathiar University, a renowned institution known for its academic excellence and research contributions.

Victories Beyond Campus



Udhaya Thaaragai RR, Sudharsan D & Abineha S of first year AI&DS got first prize in Project Presentation held at GCE, Erode



Sudharsan D & Udhaya Thaaragai RR & Abineha S of first year AI&DS got first prize in Project Presentation held at Rathinam Engineering College, Coimbatore



First Year EEE students Devika S, Dhasmika N, Subha S, and Sugeshna R. showcased their talent in extracurricular activities by securing the Runners position in the Kho-Kho event at KGC.



Boobalan T of first year Mechanical won Bronze Medal in Active Visualization of SKYNET Hackathon 3.0 organized by RD National Arts and Science College on 11.10.2025.

Faculty Up-skilling Activity



Mathematics faculty members actively engaged in workshops, FDPs, and seminars, enhancing subject expertise and teaching skills. Their continuous professional development strengthens academic excellence and improves overall student learning outcomes.

AI Tool of this Gazette



This month, Freshmen Nexus spotlights NotebookLM, an innovative AI-powered research and learning companion developed by Google. Built on the capabilities of Gemini AI, this tool is redefining how students and educators interact with information.

NotebookLM allows users to upload PDFs, lecture notes, research papers, Google Docs, and even YouTube links, transforming them into structured insights. It summarizes content, answers questions, and provides accurate explanations with source-based citations, ensuring reliability in learning. One of its standout features, Audio Overview, converts documents into engaging podcast-style discussions, enabling learning on the go.

The tool also assists in generating study guides, reports, and presentation content, making it especially useful for engineering students and faculty. By simplifying complex academic materials, NotebookLM encourages deeper understanding, critical thinking, and innovation - marking a significant step toward the future of AI-enhanced education.

The Science of today is the Technology of Tomorrow.

- Edward Teller

Out Reach - IIC Calendar Activities



The Institution's Innovation Council (IIC) in association with the Freshmen Engineering Department of Nandha Engineering College organized an outreach program titled “**Innovation and Entrepreneurship in ATL Schools – Q2 Level 2: Self Driven Activity.**” The program was conducted at Diamond Jubilee Higher Secondary School, Gobichettipalayam, with the aim of encouraging school students to explore innovative thinking and entrepreneurial skills.

The session introduced students to the fundamentals of innovation, creativity, and startup culture, highlighting the importance of transforming ideas into practical solutions for real-world challenges. Students actively participated in discussions and activities that stimulated problem-solving abilities and creative thinking.

The event was coordinated by **Dr. K. Ajith Kumar**, with **Dr. T. Jayanalina**, Head of the Physics, serving as the convenor. The initiative successfully inspired young learners to cultivate curiosity, innovation, and an entrepreneurial mindset for the future.



The Institution's Innovation Council (IIC) in association with the Freshmen Engineering Department of Nandha Engineering College successfully organized a one-day workshop on “**Design Thinking, Critical Thinking & Innovation Design**” on February 27, 2026. The session was handled by Ms. K. Shanmugapriya, Innovation Ambassador and Assistant Professor, who provided valuable insights into creative problem-solving and structured thinking approaches.

The workshop aimed to equip students with essential skills to identify real-world problems, analyze them critically, and develop innovative solutions. Interactive activities, brainstorming sessions, and practical examples enhanced student engagement and understanding.

Aligned with Sustainable Development Goals such as Quality Education and Industry, Innovation, and Infrastructure, the programme encouraged participants to think beyond conventional methods. The event witnessed enthusiastic participation from students, making it a highly impactful and inspiring learning experience that fostered innovation and entrepreneurial mindset among budding engineers.

Empowering Young Minds Through Career Guidance Initiatives



Prof. R. Thiruneelakkandan, Head of the Freshmen Engineering Department at Nandha Engineering College, undertook a meaningful outreach initiative to guide higher secondary students in making informed career choices. As part of this effort, he visited over 15 Government and Private Matriculation Schools across Tirupur and Erode districts.

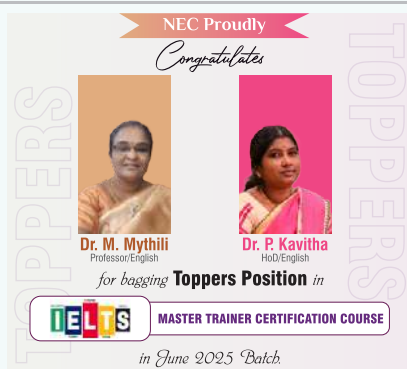
During his sessions with Class XII students, he shared valuable insights on emerging career opportunities, the importance of selecting the right engineering discipline, and the dynamic needs of modern industries. He highlighted the significance of skill development, interdisciplinary learning, and adapting to rapid technological advancements.

The sessions were highly interactive, allowing students to clarify their doubts regarding higher education, entrance procedures, and career prospects. His practical approach and real-life examples enabled students to gain clarity and confidence in planning their future. This initiative reflects the department's commitment to guiding young minds beyond the classroom.

Chemistry Association Inauguration & Guest Lecture



The Department of Chemistry at Nandha Engineering College organized the Association Inauguration along with a guest lecture on November 7, 2025. Dr. N. Sivakumar, Principal of Government Arts & Science College, Sathyamangalam, delivered an insightful talk on sustainable development and green chemistry. He highlighted eco-friendly innovations and the role of chemistry in environmental protection. The session inspired students to adopt sustainable scientific practices and marked a promising start to the association's activities.



Faculty Capacity Enhancement - IELTS Certification

Nandha Engineering College proudly congratulates its distinguished faculty members, Dr. M. Mythili, Professor of English, and Dr. P. Kavitha, Head of the Department of English, for their remarkable accomplishment in the **IELTS Master Trainer Certification Course** (June 2025 batch). Securing outstanding scores of 91% and 89% respectively, they have achieved top positions and brought immense pride to the institution. Their commitment to academic excellence, continuous learning, and professional development serves as a great inspiration to students and fellow educators, further strengthening the institution's reputation for quality education and excellence.

Academic Excellence - Semester - I - Toppers

2025 - 2026

Congratulations


CGPA: 9.64

Dhanusha S - AI&DS
Reg: 732225AI013



CGPA: 9.09

Rohini M - BME
Reg: 732225BM043



CGPA: 9.4

Mugundan S - Civil
Reg: 732225CE012



CGPA: 8.5

Rokithkishor R S - CSE(CS)
Reg: 732225CC043



CGPA: 8.5

Sahanj Banu M - CSE(CS)
Reg: 732225CC045



CGPA: 9.86

Kokilavarshini K - CSE
Reg: 732225CS098



CGPA: 9.86

Sree Harsana K K - ECE
Reg: 732225EC095



CGPA: 8.55

Nithershana C - EEE
Reg: 732225EE041



CGPA: 9.32

Priyadharshini K M - CSE(IOT)
Reg: 732225CI035



CGPA: 9.86

Shree Raksha R - IT
Reg: 732225IT099



CGPA: 9.38

Nandhakumar M - Mech
Reg: 732225ME037



CGPA: 8.9

Hemalatha R - Chem
Reg: 732225CH010

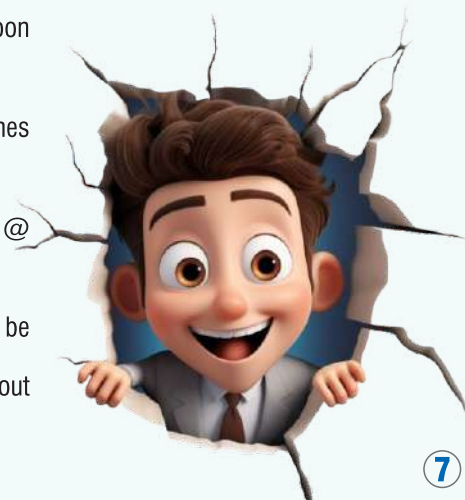


CGPA: 9.25

Maneesh S - Agri
Reg: 732225AG023

Do You Know?

- ▲ The first computer programmer in history was Ada Lovelace, who wrote an algorithm for a mechanical computer in the 1840s.
- ▲ The internet originally started as a research project called ARPANET in 1969, connecting only four universities in the United States.
- ▲ A single smartphone today has more computing power than the computers used in the Apollo 11 Moon Landing mission.
- ▲ The concept of Artificial Intelligence was formally introduced by John McCarthy in 1956.
- ▲ The smallest transistor created by researchers is only a few nanometers wide, thousands of times thinner than a human hair.
- ▲ The term "robot" was first used in the 1920 play R.U.R. (Rossum's Universal Robots) by Karel Čapek.
- ▲ Engineers designed the first email system in 1971 by Ray Tomlinson, who also introduced the @ symbol in email addresses.
- ▲ The world's largest search engine, Google, processes over 8.5 billion searches every day.
- ▲ Solar energy reaching the Earth in one hour is enough to power the entire world for one year if it could be fully harnessed.
- ▲ The first successful programmable electronic computer was ENIAC, built in 1945 and weighing about 27 tons.





**FRESHMEN
ENGINEERING
DEPARTMENT**

**NANDHA ENGINEERING COLLEGE
(Autonomous)**

Foundation For Future Engineers

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