

SUSTAINABLE DEVELOPMENT GOALS – 1

NO POVERTY



SDG 1 – No Poverty: End Poverty in All Its Forms Everywhere

National Engineering College (NEC), K.R. Nagar, Kovilpatti, is committed to supporting the United Nations Sustainable Development Goals and recognizes SDG 1 as a fundamental pillar for inclusive and sustainable development. Since its establishment, the institution has continuously worked towards reducing educational inequalities by ensuring that financial constraints do not become barriers to higher education. NEC believes that every deserving student, irrespective of their socio-economic background, should have the opportunity to pursue quality technical education and transform their lives through knowledge and innovation. The institution adopts a comprehensive and student-centric approach to poverty alleviation by providing financial assistance through scholarships, fee concessions, government welfare schemes, alumni-sponsored scholarships, endowment funds, and merit-cum-means support. These initiatives help students from economically weaker sections continue their education without interruption while encouraging academic excellence and personal development.

1.1: Target to Admit Students Falling into the Bottom 20% Household Income

National Engineering College (NEC) is committed to promoting equitable access to higher education by providing admission opportunities to students from economically disadvantaged families. The institution ensures that financial hardship does not become a barrier to pursuing engineering education by implementing inclusive admission practices and extending financial assistance to deserving students.

The primary objective of this initiative is to increase access to quality technical education for students belonging to the bottom 20% household income group. By supporting economically weaker students, the institution aims to reduce educational inequality, improve social mobility, and empower graduates to achieve sustainable livelihoods.

Students from economically weaker sections are encouraged to avail themselves of various scholarships offered by the Government of Tamil Nadu, Government of India, AICTE, and other agencies. These scholarships help cover tuition fees, maintenance expenses, and other educational costs, enabling students to continue their studies without financial burden.



National Engineering College
(Autonomous Institution)
K.R. Nagar, Kovilpatti - 626 563.
Estd : 1984

TNEA
COUNSELLING
CODE
4962



Kalvithanthal THIRU K.RAMASAMY
Memorial Merit Scholarship
100% College Fee Waiver

Eligibility

- Cutoff mark equal or above **190**
- Selection will be based on performance in the written test and interview

Scan below QR to apply



Last Date:
30.06.2026

For Scholarship Enquiry: 97870 13447, 99769 05330 | www.nec.edu.in

2025 – 26

Merit Scholarship (College fee waiver)

			
S. MAKALAKSHMI CSE	S. MUTHURAJ CSE	V. VEERALAKSHMI CSE	N LOGIKA ECE
Rs 4,20,000	Rs 4,20,000	Rs 4,20,000	Rs 4,20,000



<https://nec.edu.in/scholarship/>

To further support deserving students, NEC provides institutional scholarships funded by the management, Merit-cum-means scholarships are awarded to academically talented students from low-income families, encouraging them to excel in their studies.

The NEC Alumni Association actively contributes to student welfare by sponsoring scholarships for economically disadvantaged students. Initiatives such as the Kalvithanthai Thiru K. Ramasamy Memorial Merit Scholarship provide financial assistance to deserving students, reducing their financial burden and motivating them to achieve academic excellence.

<https://alumni.nec.edu.in/page/Alumni-Scholarship-Awarded-Students-2026-2027.dz>

National Engineering College has established a transparent and need-based scholarship selection process to ensure financial assistance reaches deserving students. Applicants are evaluated based on multiple criteria, including strong academic performance (CGPA above 8.0), annual parental income below Rs. 1.5 lakhs, absence of any other private or trust-based scholarship (including AICTE Fee Waiver, Government 7.5% Fee Waiver, and community-based trust scholarships), sibling income not exceeding Rs. 3 lakhs per annum, commitment to successfully complete the programme and pursue higher studies or a professional career, willingness to actively participate in Alumni Association activities during their study at NEC, and a commitment to contribute back to the Alumni Association after graduation. For scholarships extending beyond one academic year, students are required to continuously satisfy all eligibility conditions.

Applications are thoroughly scrutinized, and eligible candidates, along with their parents, are invited for an in-person interaction before a selection committee comprising the Principal, Senior Dean (Institutional and Academic Affairs), Heads of Departments, Alumni Coordinator, Alumni Association office bearers, scholarship funding team representatives, and department alumni representatives. Based on the comprehensive assessment and interaction with the student, parents, and tutor, the committee identifies and awards scholarships to the most deserving and genuinely needy candidates.

7/30/26, 5:02 AM

Alumni Scholarship Awarded Students 2026-2027 - NEC Alumni Network



National Engineering
College, Kovilpatti



Alumni Scholarship Awarded Students 2026-2027

S.NO	Roll No	Student Name	Branch	Year	Amount(INR)
1	2310027	SANJAY V	MECH	IV YEAR	42,500/-
2	2310055	MARISHWARAN K	MECH	IV YEAR	42,500/-
3	2310056	RAMALINGAM A	MECH	IV YEAR	42,500/-
4	2310046	SIVASUBRAMANIAN M	MECH	IV YEAR	42,500/-
5	2312113	HARINI MANIKANDAN	CSE	IV YEAR	57,500/-
6	2312075	JOSEPHIN MARY A	CSE	IV YEAR	57,500/-
7	2312093	JANANI R	CSE	IV YEAR	7,500/-
8	2313027	SIVAGANESH M	EEE	IV YEAR	85,000/-
9	2313034	VIJAYARANI B	EEE	IV YEAR	85,000/-
10	2315054	NIKITARANI A	IT	IV YEAR	85,000/-
11	2317042	GIRIDA S	AI&DS	IV YEAR	55,000/-
12	24104073	ANU RAHINI M	CSE	III YEAR	67,500/-

13	24106086	HARSHINI S	ECE	III YEAR	67,500/-
14	24205028	SIVA SANKARI R	IT	III YEAR	95,000/-
15	24106082	SELVA CHANDRAN S	ECE	III YEAR	67,500/-
16	24106052	SIVA SUBRAMANIAN A	ECE	III YEAR	45,000/-
17	24104093	ANUSHIYA S	CSE	III YEAR	67,500/-
Total Amount					10,12,500/-

1.2: Support for Food, Housing and Transportation

National Engineering College is committed to ensuring that financial hardship does not become a barrier to students' academic success by providing comprehensive support for food, accommodation, and transportation. To provide safe and affordable accommodation, National Engineering College offers well-maintained hostel facilities with essential amenities at reasonable charges.





Transportation support is another important component of the institution's student welfare initiatives. The college operates bus services connecting nearby towns and rural villages, enabling students from remote areas to commute safely and conveniently. This support significantly improves student attendance, punctuality, and access to higher education.



Through these integrated initiatives, National Engineering College promotes an inclusive learning environment where students are provided with the necessary support for food, accommodation, and transportation.

1.3. Schemes to Support Foreign Nationals

National Engineering College welcomes students from different countries and provides a supportive ecosystem to help them adapt to the academic and cultural environment of the institution. The college follows the guidelines issued by the Government of India, the All India Council for Technical

Education (AICTE), and Anna University regarding the admission of foreign nationals, Non-Resident Indians (NRIs), and Persons of Indian Origin (PIO)/Overseas Citizens of India (OCI), wherever applicable.

Language support and mentoring are provided whenever required to assist students in improving communication skills and adapting to classroom instruction. Faculty mentors regularly monitor academic progress and offer counselling to address any academic or personal challenges encountered by international students.

Whenever applicable, the institution provides information regarding scholarships, fee concessions, and financial assistance schemes offered by the Government of India, international agencies, sponsoring organizations, and educational foundations. The institution offers comprehensive admission guidance by assisting prospective international students with eligibility criteria, application procedures, document verification, and compliance with statutory requirements. Dedicated administrative support is provided throughout the admission process to ensure timely completion of all formalities.

1.4. Assistance for Start-ups:

National Engineering College (NEC), K.R. Nagar, Kovilpatti, is committed to fostering innovation and entrepreneurship among students and aspiring entrepreneurs. The institution promotes a culture where innovative ideas are transformed into commercially viable products and socially impactful enterprises. Through entrepreneurship development initiatives, incubation support, mentoring, and industry collaboration, NEC empowers students to become job creators rather than job seekers.

National Engineering College supports early-stage entrepreneurs through the following initiatives:

- Entrepreneurship awareness programmes and orientation sessions.
- Innovation and business idea competitions.
- Start-up mentoring by faculty experts and industry professionals.
- Technical guidance for prototype development.
- Access to laboratories, workshops, CAD/CAM facilities, and research infrastructure.
- Assistance in business model development and market validation.
- Guidance for patent filing and intellectual property protection.

- Networking with successful entrepreneurs and alumni.
- Industry interaction programmes and expert lectures.
- Support for participation in national innovation contests and hackathons.

Entrepreneurship Development Cell (ED Cell) has been started to create job providers rather than job seekers among our students with the following objectives and activities.



Incubation and Funding Support: K.R. Innovation Centre (KRIC): Acts as a special-purpose vehicle established in 2018 to manage business incubation and entrepreneurial training. DST and MSME Funding:

Sanctioned by the Department of Science and Technology (DST) under the NIDHI i-TBI program with ₹4.97 crore, plus support as an MSME Host Institute for idea Hackathon. NewGen IEDC: Helped develop over 60 commercially viable products and filed numerous patents leading to student startups.

ED Cell & NewGen IEDC offered a Certified Business Internship through the K.R. Innovation Centre for the final year entrepreneurship aspirant students from various departments (9 numbers) to guide them in preparing and executing their proposed business plans and support for startup registration. 9 student startup companies registered at the end of the internship.

EDC & NewGen IEDC – Student Start-up Achievements 2025-26

Sl.NO	Reg. No.	Name of the Student	Dept	Company Details
1	2216008	S.KUMARANATARAJAN	CIVIL	SN Constructions, Kovilpatti.
2	2216011	P.MANOJ BALAMURUGAN	CIVIL	PPM Construction, Tirunelveli.
3	2216012	S.MURALI KRISHNA	CIVIL	Apex Chemicals, Tirunelveli.
4	2216053	SUKUMAR V	CIVIL	MVS Infra Equipment Service, Ambasamudram.
5	2216403	SHREE VARSHAN K	CIVIL	KSS Construction and Materials, Ettaiyapuram.
6	2216405	MELKI NICOLAS S	CIVIL	AS Consultancy, Tirunelveli.
7	2216408	VISHAL S	CIVIL	Bens Life Science Private Limited, Coimbatore.
8	2212042	SIVARAM	CSE	R.K. STORE, Kovilpatti

1.5. Programs to Improve Access to Basic Services

National Engineering College implements several programmes that improve access to basic services, including: Free technical awareness programmes for school students, Career guidance and higher education counselling, Scholarships and financial assistance guidance, Blood donation camps, Waste management programmes, Plastic-free campus initiatives, etc.,





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Estd : 1984



VICE-CHANCELLOR
1988 - 2019
Dr. K. S. S. S. S. S.

Department of Mechanical Engineering

One day programme

NEXTGEN MECH X

Designing Tomorrow

Students who have completed Class/XII

Participation certificate will be given to all the participants

11.07.2026

09.30 a.m.

Mech Dept.,

List of Activities

- Hands-on CAD Modelling
- Augmented Reality & Virtual Reality Experience
- Additive Manufacturing (3D Printing)
- Laboratory Visit
- MechX Challenge

For Registration



Contacts

Dr.C. Veera Ajay **88709 16221**

Dr.B. Prince Abraham **94884 69801**

Lunch & refreshment will be given to all the participants

No registration fee

 www.nec.edu.in

Community Outreach Activities: The College regularly conducts extension activities through National Service Scheme (NSS), National Cadet Corps (NCC), Institution Innovation Council (IIC), Department Associations, Students Clubs and Chapters. These activities directly benefit nearby villages and underserved communities by improving access to essential services and creating awareness about public welfare programmes.

NATIONAL SERVICE SCHEME

PULSE POLIO CAMP

 28.06.2026 TO 30.06.2026

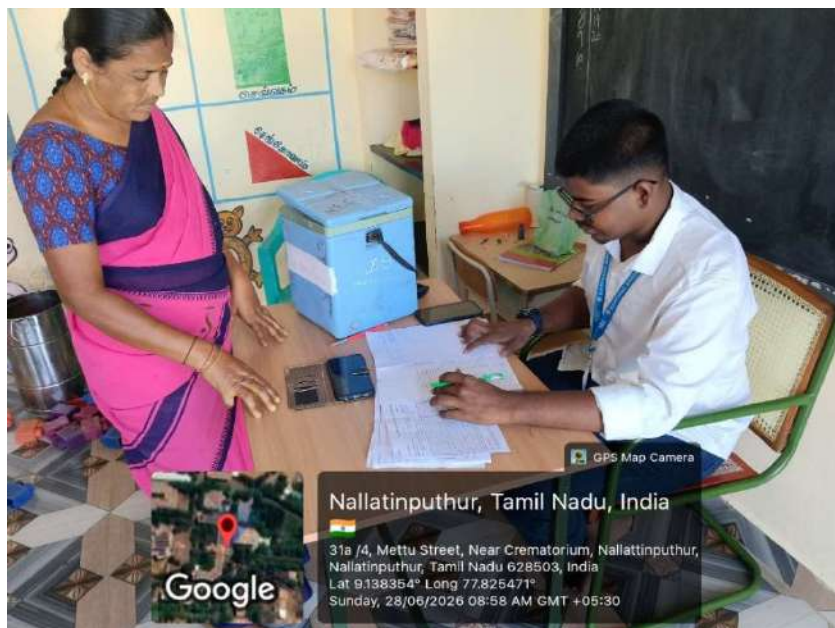
 KOVILPATTI, NALATIPUDHUR, KAYATHAR



 nss@nec.edu.in

"NOT ME BUT YOU"

Follow us : NECNSS



1.6. Policy to end poverty in society

The institution promotes inclusive education through scholarships, fee concessions, financial assistance, alumni support, and guidance in availing government welfare schemes for economically disadvantaged and first-generation learners. NEC further strengthens poverty alleviation by enhancing student employability through skill development programmes, placement training, internships, entrepreneurship development, innovation, and startup incubation, enabling graduates to secure sustainable livelihoods. By collaborating with industries, alumni, government agencies, and non-governmental organizations, National Engineering College reaffirms its commitment to reducing poverty, promoting equal opportunities, and creating sustainable social and economic impact in alignment with the United Nations Sustainable Development Goals.

NATIONAL ENGINEERING COLLEGE
(An Autonomous Institution – Affiliated to Anna University, Chennai)
K. R. NAGAR, KOVILPATTI – 628 503.

DEPARTMENT OF MECHANICAL ENGINEERING

CEDAR
Centre for Engineering Design, Analysis and Research
In Association with
Mistral Solutions Pvt. Ltd.
“Design. Analyze. Innovate.”

ABOUT CEDAR
CEDAR (Centre for Engineering Design, Analysis and Research) is established through the collaboration between National Engineering College and Mistral Solutions Pvt. Ltd. to promote industry-oriented learning in engineering design and analysis. The centre aims to equip students with practical skills in modern product development through advanced CAD, CAE, and engineering simulation technologies for applications ranging from ground systems to drones.

OBJECTIVES

- Develop expertise in engineering design and product development.
- Train students in industry-standard CAD and CAE software.
- Strengthen skills in structural and thermal analysis.
- Promote research in advanced materials and lightweight engineering.
- Support consultancy, industrial projects, and interdisciplinary research.

FOCUS AREAS

- Electronic Enclosure Design
- Structural Analysis (FEA)
- Thermal Analysis & Thermal Management
- Material Selection & Optimization

APPLICATION DOMAINS

- Automotive
- Industrial Equipment
- Defence
- Drones & UAVs
- Aerospace
- Space Systems

Engineering Solutions from Ground to Drone and Space

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NEC – MISTRAL SOLUTIONS INITIATIVE

CENTRES OF EXCELLENCE (CoEs)
BATCH-I STUDENT ENROLMENT
2nd YEAR & 3rd YEAR STUDENTS – ALL DEPARTMENTS

NEC, in association with Mistral Solutions Pvt. Ltd., invites applications for Batch-I enrolment into our newly established Centres of Excellence. Gain industry-oriented training, real-world projects, internships, research opportunities and mentoring from industry experts.

WHAT YOU WILL GAIN

- Industry Training
- Hands-on Projects
- Internship Opportunities
- Industry Monitoring
- Patent & Innovation
- Research & Publications
- Competitions & Hackathons
- Placement Support

OUR CENTRES OF EXCELLENCE

Centre	Focus Areas	Venue
CEDAR (Centre of Excellence for Design, Analysis and Research)	• CAD / CAE • Structural & Thermal Analysis • Product Design & Development • Materials & Optimization	MECH
VISTA (Vision, Intelligence, Smart Technology & Automation)	• Artificial Intelligence • Machine Learning • Data Engineering • Cloud Computing & IoT	CSE
IGNITE (Intelligent Generation of Next-gen Integrated Technology & Embedded Systems)	• Embedded Systems • PCB Design & Fabrication • IoT & Electronic Product Development	ECE
RADION (RADAR Innovation Operations & Networks)	• RF Engineering • Radar Technologies • Microwave Engineering • SDR & Signal Processing	ECE
NEXUS (Networked Excellence in FPGA and Unified Simulation)	• FPGA Programming • MATLAB Simulink • AI Integration & Digital Twin • Embedded Systems	EEE
SHIELD (Security, Hardware, Infrastructure, Embedded, Linux & DevOps)	• Cyber Security • Linux & DevOps • Infrastructure Security • Embedded Security	IT
SENSE AI (Smart Engineering Centre for Next-Generation Sensors & Embedded AI)	• AI & Machine Learning • Sensors & Embedded AI • Edge Computing • Data Analytics	AI&DS

REGISTER NOW
<https://docs.google.com/forms/d/e/1FAIpQLSebbVJonCB/TknG3UoRWLoozLzYUJr-QchfSTW5ZU6EQ/viewform>

LIMITED SEATS ENROLL EARLY!

COORDINATOR – OVERALL CoE
Dr. V. Suresh
Professor / ECE

DEPARTMENT-WISE CoE STAFF COORDINATORS (In the order of Centres)

Centre	Coordinator
CEDAR (MECH)	Dr. A. Andrews, Associate Professor / Mech
VISTA (CSE)	Mr. D. Thamarai Selvi, AP (Sr. Grade) / CSE
IGNITE (ECE)	Dr. V. Suresh, Professor / ECE
RADION (ECE)	Dr. C. Balaraman, Associate Professor / ECE
NEXUS (EEE)	Dr. K. Karthik Kumar, AP (Sr. Grade) / EEE
SHIELD (IT)	Dr. M. Harinathan, AP (Sr. Grade) / IT
SENSE AI (AI&DS)	Dr. V. Venkatesh, AP (Sr. Grade) / AI&DS

1.7. Graduation and Completion Support for Students from the Bottom 20% Household Income

Students are closely monitored through a faculty mentoring system to identify academic or financial challenges at an early stage, enabling timely interventions that reduce the risk of dropout. Placement training, skill development programmes, internships, and entrepreneurship support further enhance students' employability and financial stability. Our students are gaining valuable industry exposure while earning through final-year internships.

INDUSTRIES INSIDE CAMPUS

NEC- Mistral Technobation Center

M/s Mistral Solutions is a technology design and system engineering company providing end-to-end embedded product design and development services for global customers for 25 years. M/s Mistral solutions, Bangalore has established Technobation center at our campus in 2021. Our students are trained through internships and get offers in Mistral Solutions.

- Mistral conducts a selection process for internship of students at NEC either in the 5th or 6th semester.
- In Phase 1, training to a minimum of 50 students is provided in the 5th or 6th semester as per the requirement of industries.
- In Phase 2, a selection process is conducted and training/Internship(non-paid) for the recruited students in the 7th semester on their emerging areas of the industries is provided.
- In Phase 3, Mistral provides mandatory Internships in the 8th semester with a stipend of a minimum of Rs.10,000 per month for the recruited students.
- It may give live projects to the students during training and Internships.

Benefits: Mistral provides support and training to the students and faculty members in converting their ideas into products for social development. The technobation centre can be set up for the students to increase their imagination to accelerate critical thinking and to provide industrial exposure for enhancing the domain knowledge and skills for developing innovative products. Through the Technobation Center, students gain hands-on experience in emerging technologies, innovation and entrepreneurship while being nurtured and encouraged by faculty, management and industrial experts.



NEC – TryCAE Technobation Center

TryCAE Industrial Engineering Pvt Ltd, Tiruchirappalli, Tamil Nadu was established in the year 2017, which provides best Industrial Engineering Design, and Walkthrough Animations. The NEC-TryCAE Technobation Centre was inaugurated on 29.08.2025 to empower students with industry-ready skills in advanced CAE and emerging technologies. The centre offers certification programmes, internships, placements, and research opportunities in areas such as CFD/FEA, AI, 3D Printing, Photogrammetry, Digital Twin, and AR/VR development.



<https://nec.edu.in/industries-inside-campus/>


SDG Member


SDG Coordinator


Principal
PRINCIPAL
NATIONAL ENGINEERING COLLEGE
K.R. NAGAR, KOVILPATTI - 628 503
THOOTHUKUDI - DIST.

