



REGISTRAR

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Dear Dean/Principal,

Sub: TNSDC – Naan Mudhalvan Niral Thiruvizha 2.0 (Hackathon) –  
Final Semester for the academic year 2024-2025 – B.E. / B.Tech. Final Year  
Student Project Work – Guidelines issued – Reg.

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We are pleased to inform you that following the grand success of Niral Thiruvizha 1.0 an initiative to inspire final-year engineering students to develop innovative, technology-driven solutions addressing real-world challenges. **Honourable Deputy Chief Minister of Tamil Nadu** has launched the second edition of **Naan Mudhalvan Grand Innovation & Skilling Challenge – Niral Thiruvizha 2.0 (Hackathon) – 2025**, This edition being hosted by the **Tamil Nadu Skill Development Corporation (TNSDC)** in collaboration with **Anna University, Startup TN, EDII-TN, TN Rise, and i-TNT Hub**.

The hackathon revolves around 12 carefully selected themes, including **MedTech, AI, Climate Change, EduTech, Renewable Energy**, and more, offering students a platform to create impactful solutions. Building on the success of **Niral Thiruvizha 1.0**, this edition aims to foster creativity, entrepreneurship, and research among Tamil Nadu's engineering students.

In Niral Thiruvizha 1.0 TNSDC received 8,486 idea submissions involving 28,450 students from 290 engineering institutions, covering 65 problem statements across ten themes. Additionally, 9,032 faculty members from these institutions enrolled as faculty guides to mentor the students. An expert committee evaluated problem statements across five parameters, shortlisting 1,000 ideas and awarding ₹10,000 per team for prototype development. Regional reviews were held from June 25-28, 2024, across six Tamil Nadu cities, with final evaluations on September 23, 2024, at Anna University, selecting the top 50 teams. A residential boot camp on October 25-26, 2024, in Nagercoil supported these teams in evolving into startups, providing mentorship, networking opportunities, and StartUpTN smart cards for additional resources. The Top 50 teams were awarded with Rs.1,00,000 innovation vouchers.

The final year B.E. / B.Tech. Students are expected to provide the feasible, viable and implementable solution. Participating students can earn their academic credits in lieu of final year project works.

The themes include

1. Med tech/ Bio tech/ Health tech
2. Agriculture/ Food tech
3. Transportation/ Logistics/ Smart vehicles
4. Clean, Green & Renewable energy
5. Climate change/ Disaster management
6. Smart Education/ Edu-tech/ Skill Development
7. Robotics/ Drone/ Industry 4.0
8. Solid Waste/ Bio-waste/ E-waste
9. Rural/Urban development & Manufacturing/Engineering Technology
10. Construction/ Building technology
11. Information/Communication Technology.
12. Artificial Intelligence.

Utilize these opportunities and inculcate research mindset for young budding engineering students of Tamil Nadu.

**Guidelines:**

- Niral Thiruvizha 2.0 (Hackathon) is exclusively for final-year engineering students from Tamil Nadu and will be implemented through the Centre for Sponsored Research and Consultancy (CSRC) at Anna University.
- The Tamil Nadu Skill Development Corporation (TNSDC) has launched a website: <https://www.naanmudhalvan.tn.gov.in/niralthiruvizha/> **for student teams to register and submit their project ideas, Student team registration and idea submission in above mentioned website can be done from 21.01.2025 to 25.01.2025**
- Each team must consist of 3 – 4 students, with the flexibility to include members from different branches of engineering.
- Teams will be guided by a faculty member from their institution, chosen by students based on their preferences.

- A student can participate in only one team, and multiple registrations or participation in more than one team is prohibited.
- Teams must submit their project proposals using the provided template, ensuring the solutions are feasible, viable, and implementable.
- A panel of experts will evaluate and shortlist the top 1000 proposals, with selected teams receiving financial assistance of up to ₹10,000 per team for prototype development, which must be used exclusively for this purpose.
- Colleges are required to provide expertise and infrastructure to support the development of students' projects.
- Financial and administrative sanctions will be granted to the respective colleges, which will handle the bill scrutiny, approval, and disbursement of payments related to prototype development.
- The top 50 project ideas, based on outcomes, will be shortlisted for the Innovation Voucher Fund, with each team eligible for ₹1 lakhs to further enhance their solutions.
- Niral Thiruvizha 2.0 aims to foster creativity, collaboration, and entrepreneurship among engineering students, enabling them to develop impactful solutions.

Please encourage your students to articulate their innovative ideas and cultivate their research potential by participating in this event.

Thanking you

  
13/11/25  
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**Enclosures:**

- Annexure – I: Step by step Registration Manual
- Annexure – II: List of Problem Statements
- Annexure – III: Template for Project Proposal