

A Report on the Activities of Augmentation Cell

2025-2026

The **Augmentation Cell** of our College supports student development by offering quality learning initiatives **through IIT PALS** partnership, **NPTEL local chapter**, GATE Study Circles, Career guidance, competitive exams training etc.,

Our students and faculty have benefitted by participating in several lectures, hackathons and development programmes offered through IIT PALS. A team of students from **IT department secured third place for PITCHFEST** event on 01.08.25 & 02.08.25 organized by IIT PALS with a score of 65 and move forward to IIT Bombay where they get opportunity to repitch their idea. A team from JCE was shortlisted in Top 31 teams for the **INFOSYS-PALS TECHZOOKA HACKATHON 2025**. 50 final year students of all departments are attending the **PALS Nandhi Foundation Mahindra Pride Classroom Program**. 6 students (BME-1, CSE-3, CS-1, ECE-1) are receiving scholarship from Laxmi Charities through IIT PALS. **5 teams from JCE** have applied for the **IIT PALS - INNOWAH!- An intercollegiate product development contest**. **With 900+ effective student – faculty participations in PALS events, JCE won the 'Excellence in participation award' for Chennai cluster for the year 2025-26 at IIT Madras in June 2026.**

Faculty members were trained in **Virtual Labs** related to their technical domains by **the VLABS initiative offered by IIT Surathkal, Karnataka**. An **Awareness Session of the Virtual Laboratory** is conducted to all the students across all department by their respective VLAB Coordinators. Several **lecture series** were offered online in domains such as **The Robotics, Automation and the Future of Manufacturing, Bridging Engineering and Medical Innovation, Infosys Springboard**. Also our faculties participated in **PALS FDP on " The World of Steel: Properties, Processes & Product**.

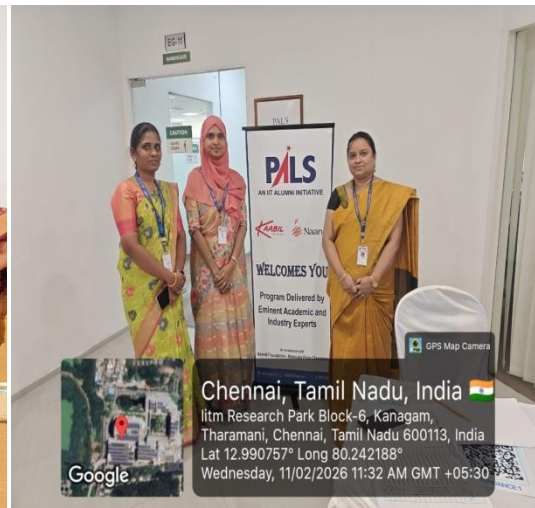
The **NPTEL Local Chapter** at our Institution **-LC 739**, facilitates high quality learning avenues to our students through online Courses offered by various IITs and IISCs, since 2014. Students are encouraged to enroll for courses under various domains of interest. Faculty mentors are assigned to guide them and ensure **effective learning in Emerging Technologies such as Cloud**

Computing, Introduction to Artificial Intelligence, Machine Learning, Internet of Things, Software Testing etc.,. Students aspiring for higher studies in eminent institutions are encouraged to use the free GATE portal provided by NPTEL and pursue systematic study, consistently. Self paced learning and Skill development opportunities offered through Swayam Plus are also being disseminated to the academic fraternity.

Several **Career guidance programmes** were organized on pursuing **higher studies abroad** and **International English language proficiency tests such as IELTS** was conducted by **INFOS Connect Consultants**. Seminars on **Career Opportunities- CAT/GMAT/GRE, Quantitative Skills evaluation & Importance of Higher Education** are given to students.



INNOWAH! Finalists at IIT Madras



FACULTY TRAINING EVENTS



Third place – Anna Incubator PITCHFEST



PALS Excellence in participation award' for Chennai cluster for the year 2025-26