

A Report on the Activities of Augmentation Cell

2024-2025

The **Augmentation Cell** of our College supports student development by offering quality learning initiatives **through IIT PALS** partnership, **NPTEL local chapter**, Career guidance, competitive exams training etc., **JCE-IITPALS Club** was inaugurated in our campus with an aim to create awareness about various offerings floated by PALS and to ensure better benefits for our student community. The club was lead by **JCE - IITPALS student ambassadors, R Grishma, III EEE and B Divya III AI&DS**, with a team of student coordinators and 50 students from first year across all the departments. Our students and faculty have benefitted by participating in several lectures, Research park visits, hackathons and development programmes offered through IIT PALS.

- A team of students from **BME department bagged Second Place** in **PALS ANALYZE CASE STUDY event** organized by IITPALS under the Core Engineering category.
- **4 teams from JCE** qualified for the pre-final round of **IITPALS - INNOWAH! – A National level intercollegiate product development contest** and presented their projects on 01.2.2025. One batch (Job Aoushadan N, Janani M, Monisha S, Sandhya, Udayakumar M from CSE department) was selected and represented our college in the **final contest** at **IIT Madras on 22.3.2025**.
- **Ms.J.Akalya, III yr ECE** was offered **student Internship** for 3 months at Kotak– IIT Madras Save Energy Mission (KISEM), located at **IIT Madras Research park**.
- **5 students along with a faculty**, Ms. Ilakiya / AP/AIML, attended the **PALS Residential Student Workshop** for 3 days at **IIT Madras**.
- IITPALS – JCE Campus Student leaders participated in leadership workshops and excelled in **Cyber security hackathon- Catch the flag**.
- **IIT Department lab visits** were undertaken by CSE and BME department students through PALS.
- **Karthik Prasad & Nandhini** of I year CSE, secured **merit cum means scholarship of Rs. 50,000** from from Laxmi Charities through PALS initiative.

- Faculty members were trained in Virtual Labs in their technical domains by the **VLABS initiative offered by IIT Surathkal**, Karnataka. Several **lecture series were** offered online in domains such as **Defence technologies, Artificial Intelligence, Entrepreneurship** etc.,.
- Deans - **Dr. Sheeja V Francis, Dr. John Jebarathinam and Dr. Parameswari**, participated in **PALS leadership Conclave on Building Global Eminence in Institutions** at IIT Madras Research Park on 13.3.2025.
- JCE won the **Outstanding performance Award for 2024-25 for Chennai Cluster** for our excellent performance in Pals INITIATIVES along with the **Proud Partner shield**.

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.,. During 2024-25, 575 enrollments were made across 189 courses and 137 Certifications were received. Preethika & Isha Devi of Cyber Security secured ELITE+Gold and topped the course - Practical Cyber Security for Cyber Security Practitioners. **Dr.P.Anuradha, Dean Academics emerged as Course TOPPER, Dr. G.T.Bharathy ASP / ECE secured Domain Certificate** and several faculty members received **Mentor Certificates** for facilitating NPTEL studies among students. The **JCE local chapter is awarded Active Local Chapter** status for our consistent and meritorious learning. 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**. **An MoU was signed with Infos Connect Consultants for offering free IELTS training** for aspiring students. Also awareness programs were organized on **UPSC exams preparation** for interested students in association with '**The Hindu**' and '**Shankar IAS**'. **An MOU has been signed with International College of Auckland (ICA), New Zealand** to promote avenues for higher studies and student exchange.



Outstanding performance Award for 2024-25 for Chennai Cluster



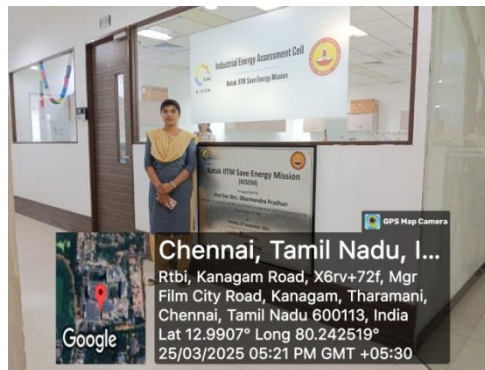
IITPALS - INNOWAH! – A National level intercollegiate product development contest



PALS Residential Student Workshop



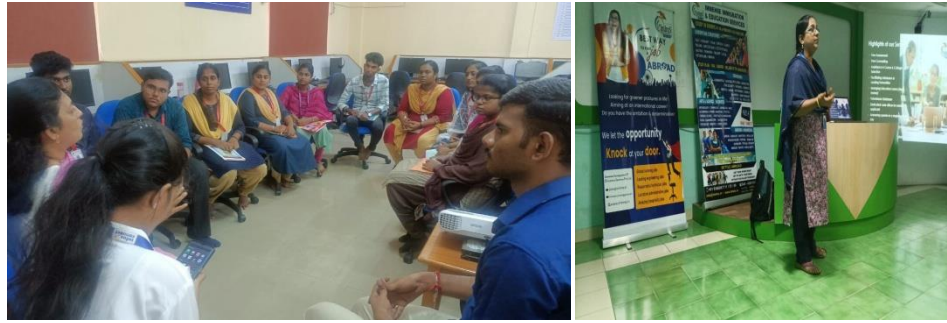
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Student Internship for 3 months at KISEM, at **IIT Madras Research park.**



IIT Department lab visits



Higher studies abroad and International English language proficiency tests



PALS leadership Conclave on Building Global



UPSC exams preparation in association with 'The Hindu' and 'Shankar IAS'