



# AN IIT ALUMNI INITIATIVE

# 2025-26

## **FROM THE CHAIRPERSON'S DESK**

Dear Educational Fraternity & Industry Champions,  
PALS, driven by passionate IIT Alumni, augments Engineering Education in our partnering institutions by a 360-degree intervention to Management, Faculty and Students.

Our innovative program, detailed in this brochure, leverages the best of IITs, Industry, and alumni resources to prepare industry-ready students for successful tech and engineering careers. We foster an engineering mindset and entrepreneurial spirit, for students to learn, do, manage and network, so students become future leaders for both startups and established companies. We also empower faculty by keeping them updated with the latest advancements in technology, best practices in teaching, experimentation and research methodologies.

We create opportunities for management to interact with eminent professionals in academia and industry to get insights into current trends and needs in engineering education, helping them to create a unique vision for engineering education in their institutions.

Thus, PALS offers a comprehensive and qualitative approach to elevating engineering education. We invite you to explore our programs and partner with us.

Sincerely

*Chandrasekaran*

**C N Chandrasekaran (CNC)**  
**Chairman, PALS**

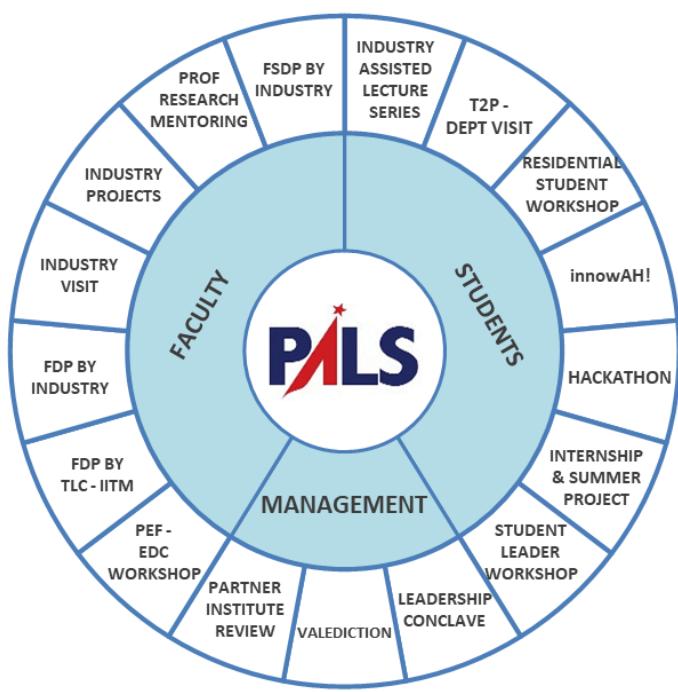


PALS is an Educational Initiative by volunteers from alumni fraternity of various IITs, for the benefit of students at Engineering Colleges. This initiative is supported by IIT Madras Alumni Charitable Trust (IITMACT). PALS offers year-long engagement with various activities for the students, faculty and management of Engineering Institutions. During the academic year 2024-25, PALS has partnered with 51 Engineering institutions (18 in Chennai, 3 in Coimbatore, 3 in Madurai and 7 in Trichy/Salem, 10 in Andhra / Telangana, 6 in Kerala, 3 in Mysuru, and 1 in Kathmandu, Nepal).

## HOLISTIC 360 DEGREE APPROACH TO LEARNING AND EDUCATION

### THE ONLY PROGRAM

- That touches Students, Faculty and Management
- That uses case study approach to learning
- That follows train the trainer model
- That has strong Industry Partners
- That facilitates Innovation and Entrepreneurship thinking



## **VISION**

To provide a unique experience in the sphere of engineering education to all its partner institutes, nurturing a holistic evolution of their teaching fraternity and students

## **MISSION**

- Provide a platform wherein IITs , the premier technical institutes of India can share their knowledge and resources with other colleges / institutes.
- Provide a platform where industry experts can share their experiences and viewpoints.
- Provide a forum wherein students can bring out their potentials and technical prowess.
- Provide a platform for mutually beneficial dialogue between academia and industry.

## **WHAT IS PALS**

- Education Initiative by IIT Alumni to contribute towards improving Engineering Education
- A platform for the IIT Alumni to interact with willing Institutes
- A Platform for IIT Madras to reach out to other engineering colleges
- A platform for Industry to interact with students and faculty
- A vehicle for Institutions to increase awareness and exposure of their students / faculty / management



## **STUDENT PROGRAMS**

**Theory to Practice T2P** – Professors discuss how industry problems were solved using theory learnt in class-rooms.

**Department Reach** – Lectures followed by lab visit @ IIT Campus

**GATE Awareness** – Creates awareness among students about GATE exams and the road to Graduation and Research

**innoWAH! Innovation Contest** – To foster ideation, teamwork, and innovation

**Hackathon** – Learning a tool for problem solving and then applying the tool to arrive at a solution.

**Tinkathon** – Pre-cursor for Residential Student workshop with set of activities to inculcate out of box thinking

**Residential Student Workshop** – 3-Day Residential program at IIT Madras, inculcating, problem-solving and creativity skills with a mini project for students.

**Analyze** – Apply knowledge to practical case studies presented by industry experts

**Student Leader Program (SLP)** An opportunity for students to develop skills such as team building, effective communications

**Industry Assisted Lecture Series** – Lecture series designed to impart practical knowledge on different aspects and applications of Emerging Technologies in industry

**Internships** – Hands-on work experience for students

**International Collaboration** – Collaboration with Edith Cowan University, West Australia with a focus on building capabilities and knowledge partnerships in Cybersecurity.

## **FACULTY PROGRAMS**

**FDP and FSDP** – An interactive training given by the industry to the faculty and students addressing the gap

**Industry Visits** – Opportunity for faculty and students to learn about workplace operations

**FDP (TLC)** – 3-day Pedagogy Workshop by the IITM Teaching Learning Centre to enhance student learning through effective teaching online.

**VLabs (Academia: NITK)** – To enable faculty and students to conduct virtual laboratory experiments. and develop new experiments for use.

**Lab to Market (L2M)** – Platform to bring the ideas / concepts from academics to products, to kindle the spirit of Entrepreneurship.

**IITM Research Mentoring** – An initiative by IIT professors to impart their rich Research Experience methodology to faculty

## **MANAGEMENT PROGRAMS**

**Conclaves / Summits** – Current and relevant topic trending in academia / industry will be deliberated by the senior representatives from institution & industry partners.

# PALS TEAM - IIT ALUMNI

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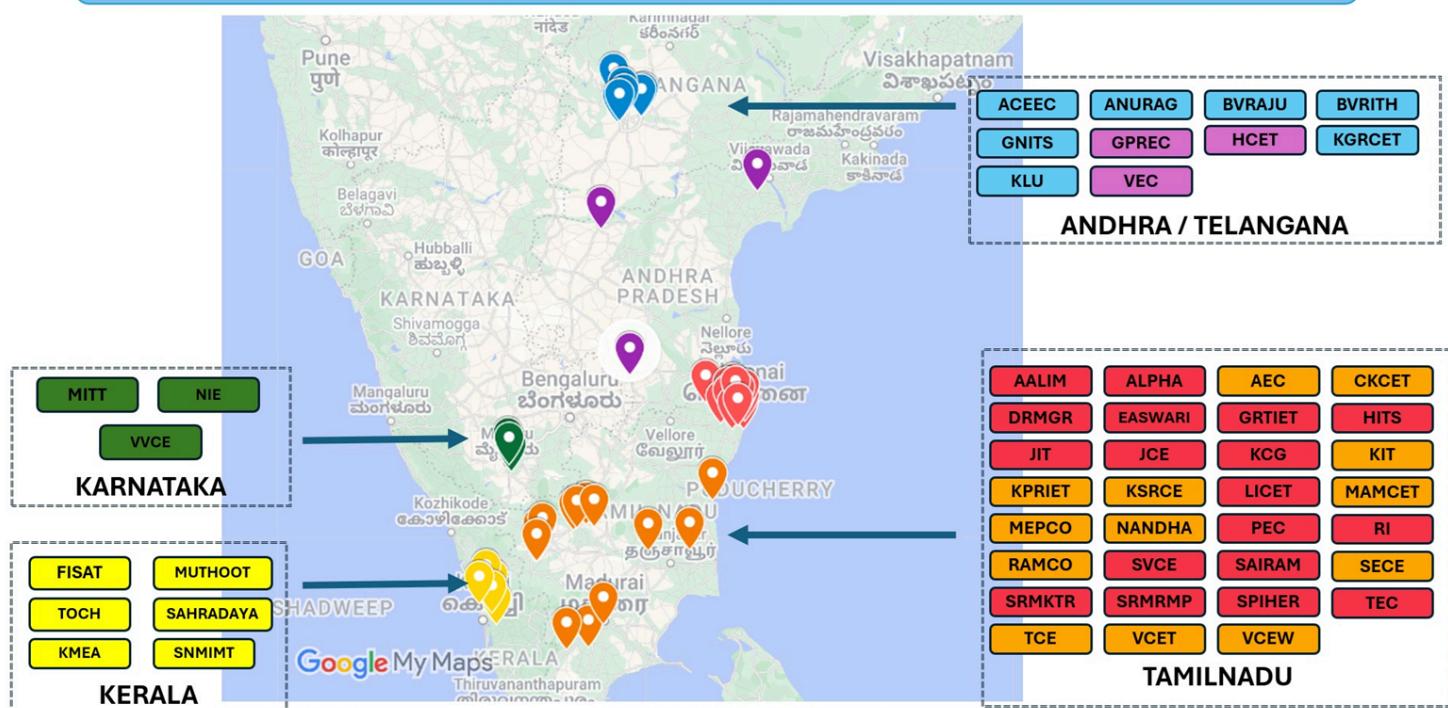
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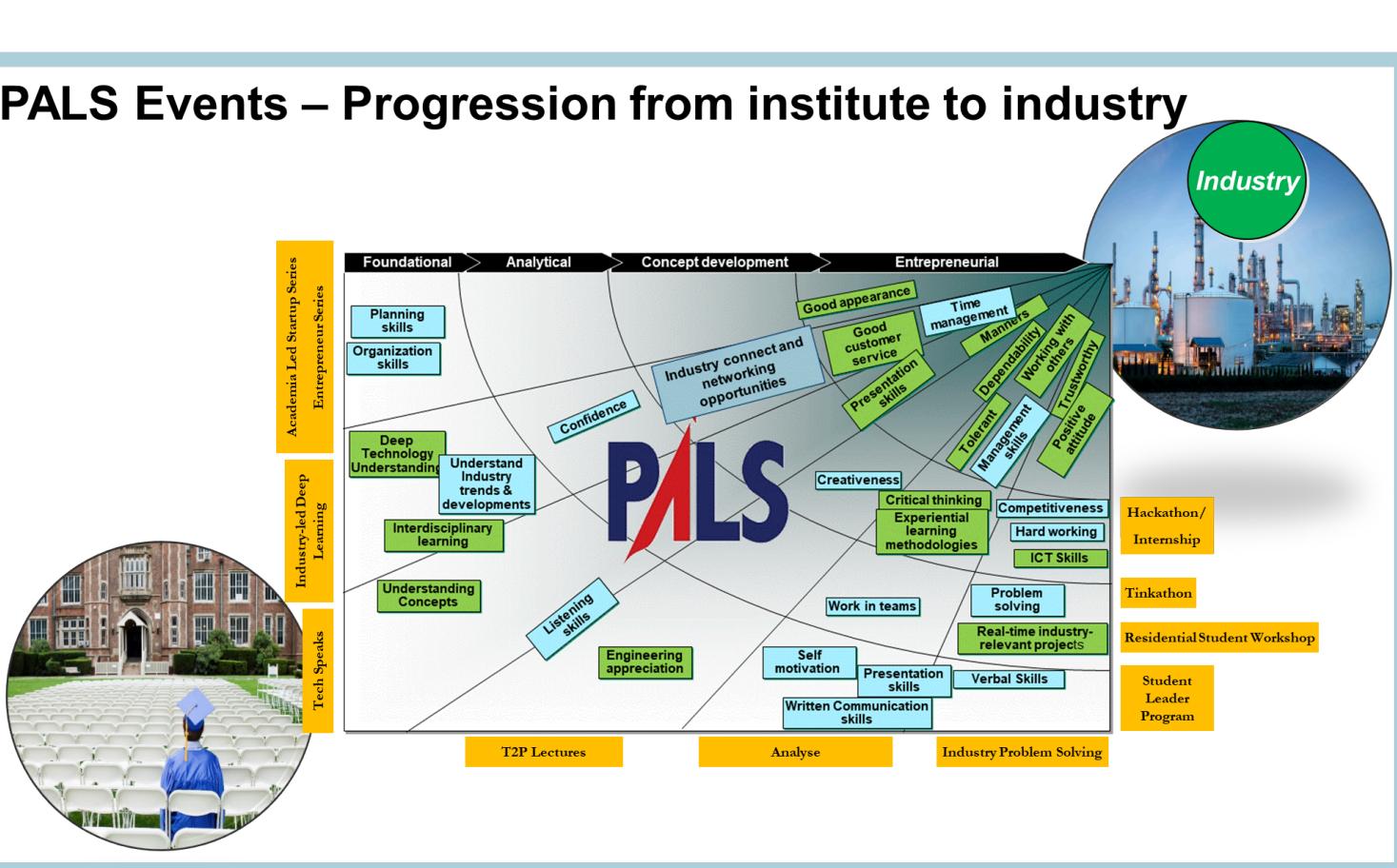
## PALS FOOTPRINT

### 51 PARTNER INSTITUTES

TN – 31 ; AP / TG – 10 ; KL – 6 ; KA – 3 & NEPAL – 1

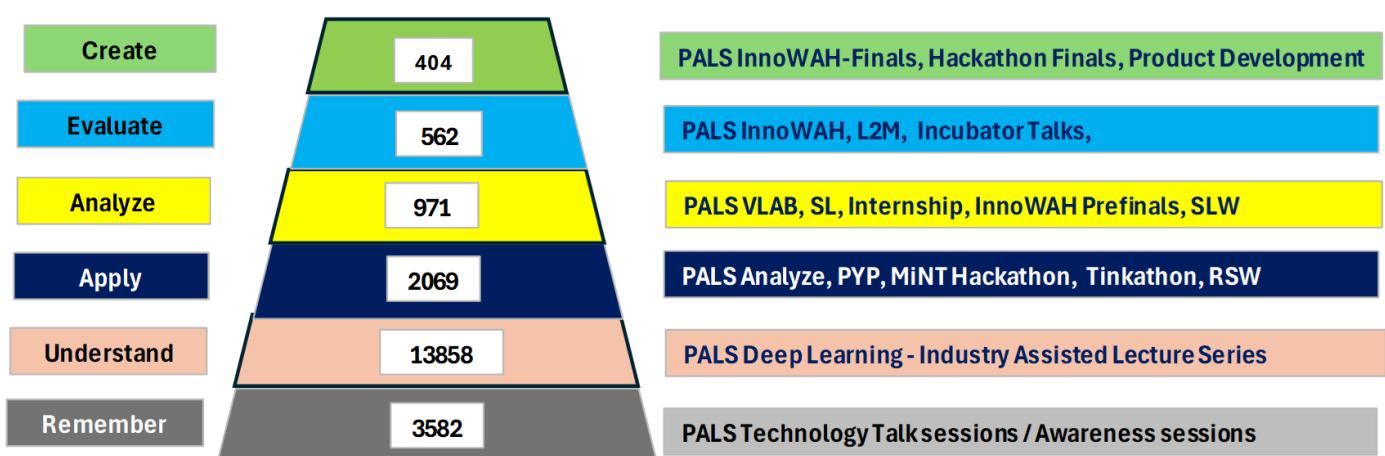


# PALS Events – Progression from institute to industry



## PALS Student Offerings – Impact illustrated

Bloom's Taxonomy Level	Remember	Understand	Apply	Analyze	Evaluate	Create
# of students impacted	3582	13858	2069	971	562	404



# PALS 2024-25 HIGHLIGHTS

- 51 Partner Institutes (TN / AP / TELANGANA / KERALA / KARNATAKA / NEPAL)
- Over 25 active Industry Partners
- 21446 students ; 3585 faculty ; 75 Management reached
- Over 400 hours of events for a year
- Online and Physical Programs over the year
- Collaboration with International University
- PALS Leadership Conclave for Senior Leaders from PIs
- innoWAH! Aware Webinars for Entrepreneurs / Pitch Your Plan / Lab to Market Initiatives
- Residential Workshop @ IITM, Hackathon, and Conclave with a university abroad, Industry Visit for Students;
- PALS Digital Platform to aid in getting the participation and performance metrics

**NEW**

## ADDRESSING ALL FACETS OF LEARNING

### AWARENESS / KNOWLEDGE

Industry visits, Technology Speaks, T2P, IITM RP Visits, FSDP, GATE Awareness

### SKILL / HANDS ON

Analyze, Residential Student Workshop, Tinkathon, FDP, Hackathon

### DEEP DIVE INTERVENTION

innoWAH! - Innovation Challenge, Lab to Market (L2M), VLabs, Research Mentoring

## CONTACT US



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