



**SAVEETHA
ENGINEERING COLLEGE**

AUTONOMOUS



Affiliated to Anna University | Approved by AICTE

PALS – 2021-22

PALS - Activities held in the month of September 2021

Below is the list of events that were conducted during the month of September 2021:

- Special Session (Awareness on AICTE Internship Opportunities)
- PALS 3D NexGen Hackathon – Intro Talk, Online Test, Q&A, Actual Pitch and Result announcement
- PALS VLAB FDP Batch 2 & 3
- Student Leader Workshop – 3 batches
- Industry Speaks – Core on Introduction to the world of Business, Mr. Sekar, Business Head – Exports, Tube Investments of India Ltd.
- PALS Analyze – Core and IT Case Study Analyze – 5 batches
- Theory to Practice - ENGINE TESTING – A PRACTICAL APPROACH ON DIESEL ENGINE COMBUSTION DEVELOPMENT
- IITM Research Park Visit

Participating Colleges	Registered / Attended	Industry Speaks	IITMR P VISIT	Student Leader Workshop	T2P	VLA B FDP	Special Session	Hackathon	ANALYZE
SEC	Registered-Students	8	1	2	71	0	37	10	8
SEC	Attended-Students	0	0	2	0	0	3	6	7
SEC	Registered-Faculty	1	2	0	0	0	8	0	0
SEC	Attended-Faculty	0	0	0	1	0	1	0	0
TOTAL REGISTERED		9	3	2	71	0	45	10	8
TOTAL ATTENDED		0	0	2	1	0	4	6	7
Reg to Att Ratio		0%	0%	100%	1%	NA	9%	60%	88%
Reg to Att Ratio (For All PIs)		20%	25%	95%	32%	94%	8%	47%	92%

Activity – 1

PALS organised a session for its partner institutes regarding the Internships for Students on Wednesday 1st September, 2021 5:00 PM to learn more about AICTE Internship portal.

AICTE has built a digital platform for Internships, to enable students to choose internships of their choice at locations convenient to them. Several firms across India have posted internship opportunities, to prepare young minds for their future. Thus, Internships across industry domains and various locations are posted in this portal.

Activity - 2

PALS-NEXGEN 3D Hackathon, was conducted in the first week of September 2021, culminating on September 11, 2021.

NexGen 3D Printing, our proud industrial partner has taken the responsibility of creating the case studies and setting up the platform for the conduct of the week-long hackathon event.

Activity -3

The student leader workshop for the students nominated is conducted on 13th September 2021 between 2.00PM - 4.30pm.

PALS – Department Student Coordinators – 2021-22

S.NO	NAME OF THE STUDENT	REGISTER NO:	YEAR /DEPARTMENT	PHONE NO:	EMAIL - ID
1	R. Akash	21221904000 7	III CSE	9444436778	akashajj18@gmail.com
2	R. Praveen Kumar	21221907001 3	III EIE	9176327964	praveen.ragunathan18@gmail.com
3	S. Vajeha Jameela	21221909003 2	III MED	96006 79615	vajehasahul@gmail.com
4	S. Swathi	21221901005 8	III AGRI	6382506857	swathistar2002@gmail.com

5	G. Pavai Vendhan	21221906019 4	III ECE	7339476962	pavaivendhan.sec@gmail.com
6	S. Sakthivel	21221903002 0	III CIVIL	89460 07079	velsakthi1407@gmail.com
7	C. Amitha Reddy	21221908000 6	III MECH	8688177435	amithamohanreddy@gmail.com
8	Ashutosh Roy	21221902000 9	III BME	7033612552	ashuprsnl11@gmail.com
9	S Vetrivel	21221905004 6	III EEE	9080591210	vetrivelsivakumar1482001@gmail.com
10	S. Sneha	21221921002 7	III CHEMICAL	8056051236	snehamuniyammal619@gmail.com
11	G V Srikanth	21221922005 0	III IT	8939225262	srikanthganesh9786@gmail.com

Activity – 4


The **PALS INDUSTRY SPEAKS -CORE** on **16th September 2021** between **02.30 PM - 04.30 PM**.

Topic: Introduction to the world of Business - by Mr Sekar CK, Business Head – Exports, Tube Investments of India Ltd.

	PALS 2021 – 22	
INDUSTRY SPEAKS - CORE		
	SPEAKER Mr. Sekar CK , Business Head – Exports Tube Investments of India Ltd.,	
TOPIC INTRODUCTION TO THE WORLD OF BUSINESS		
Date : 16th SEPTEMBER 2021 Time : 02.30 PM – 04.30 PM VIRTUAL EVENT (Contact Organizer for more details)		
PHONE +91 98416 39338 EMAIL palspgm@palspgm.com WEB SITE www.palspgm.com	With the Support from INDUSTRY PARTNERS	IIT Madras Alumni Association Office, CCW building, IIT M Campus, Chennai – 600 036

Activity – 5

The PALS Analyze competition was held from 20th September to 23rd September 2021.

 PALS ANALYZE (Case Study Based Event)		
CASE STUDY 1 – CORE TRACEABILITY OF BILLET IN A STEEL ROLLING MILL	CASE STUDY 2 – IT EXTRACT TEXT FROM EMBEDDED IMAGE	
Date : 20th September 2021 Time : 02.30 PM – 04.30 PM		
PHONE +91 98416 39338 EMAIL palspgm@palspgm.com WEB SITE www.palspgm.com	AUGMENTING ENGINEERING EXCELLENCE	IIT Madras Alumni Association Office, CCW building, IIT M Campus, Chennai – 600 036

Activity -6

PALS – Special Session on the Topic “What is required to bring Green Hydrogen to Commercial reality? – An Academician’s Perspective” – 18.09.2021 from 6.30 pm onwards.

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What is required to bring Green Hydrogen to commercial reality?

- An academician's perspective!

SPEAKER
Dr. Aravind Kumar Chandiran
(Assistant Professor -IITM,
Chemical Engineering)



MODERATOR
K Ananth Krishnan
Executive VP & CEO,
Tata Consultancy Services



Online Engagement Platform |  Saturday, 18 Sep 21 |  06.30 pm, IST

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Activity -7

The second Theory to Practice(T2P) Lecture on **29th September 2021 between 02.00 PM – 04.00 PM.**

Topic:

Engine Testing – A practical Approach on Diesel Engine combustion development by Prof. Ramesh Babu, Professor, Dept of Mechanical Engineering & Mr. Yogesh Bolar General Manager, Engine R&D – Hosur 1 Ashok Leyland Limited.

		PALS 2021 – 22	
THEORY TO PRACTICE LECTURE			
<u>SPEAKERS</u>			
	PROF. RAMESH BABU, PROFESSOR, DEPT OF MECH, IIT MADRAS		
&			
	MR. YOGESH BOLAR GENERAL MANAGER, ENGINE R&D HOSUR 1 ASHOK LEYLAND LIMITED		
<u>TOPIC</u>			
ENGINE TESTING – A PRACTICAL APPROACH ON DIESEL ENGINE COMBUSTION DEVELOPMENT			
Date : 29th SEPTEMBER 2021 Time : 02.00 PM – 04.00 PM VIRTUAL EVENT (Contact Organizer for more details)			
PHONE +91 98416 39338	With the Support from IIT MADRAS		IIT Madras Alumni Association Office, CCW building, IIT M Campus, Chennai – 600 036
EMAIL palspgm@palspgm.com			
WEB SITE www.palspgm.com			

Activity – 8

With lots of emphasis on Entrepreneurship and Start-ups in the current condition, PALS is glad to provide suitable exposure to its Partnering institutes on the R&D and the incubation cell of the IIT Research Park. PALS organised the virtual visit to IITM Research Park on **30th September 2021 between 02.00 PM – 04.30 PM**. The broad focus of the session is to introduce Students and Faculty to Entrepreneurship, enable a brief look at the activities on-going at IITM campus to foster entrepreneurship and primarily the work of the IITM Incubation Cell to promote and nurture this start-up ecosystem. The students / faculties will also get an opportunity to interact virtually with a few start-up founders/ core team members and understand their journey.

The students participating can belong to any department. This visit will enable a flair for entrepreneurship.

Brief Agenda is as below.

Time	Activity
02:00 - 02:05 PM	Introduction
02:05 - 02:15 PM	Presentation by IITMRP & Incubation Cell
02:15 - 02:30 PM	Video Presentation of IITM RP and IITMIC
02:30 - 02:50 PM	Video Presentation of Select Few Startups
02:50 - 04:00 PM	Demo/Presentation by 3 IITM-Incubated Start-ups (15-30 Mins/ Start-up) *
04:00 - 04:30 PM	Q&A / Closure

*duration subject to questions/ interaction

List of Incubated Startups lined up for demo is as below.

S.No	Startup	Description
1	ISMO Bio-photonics Pvt. Ltd	Develops bio-photonics instrument and consumables products with in-house vertically integrated product development. Also, the venture supports early-stage bio-labs with get-started-kits and publish research work. Ueberlegene, an organ on device platform is for the uninterrupted growth of the stem cell using imaging support, microfluidic support and incubator put together. Solutions: Combined units for microfluidic support, imaging, and incubator in a single device
2	Chatting Birds	Enable automation through IOT/AI platform by converting traditional devices to customized cloud based IOT integrated devices for users and companies.
3	Biomimicry	Offers consulting, professional training, and education in Biomimicry. The venture helps organizations and individuals generate innovation inspired by nature, that fulfils economic, environmental, and social considerations.



PALS 2021 – 22

IITM RESEARCH PARK VISIT

Date : 30th SEPTEMBER 2021

Time : 02.00 PM – 04.30 PM

PHONE +91 98416 39338
EMAIL palspgm@palspgm.com
WEB SITE www.palspgm.com

**With the Support from
IITM & IITM Research Park**

IIT Madras Alumni Association Office,
CCW building,
IIT M Campus,
Chennai – 600 036