

**A Report on PALS Event student participation for the academic  
year 2019-20**

**Submitted to**

THE PRINCIPAL

Sri Venkateswara College of Engineering

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**By**

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**Event 1: Executive Committee Meeting On 28th June 2019 At The IIT Alumni Club Chennai.**

**Pals Requirement:** 2 No. from SVCE

**Participation Details:** 100% participation by SVCE

Dr C.Jayakumar, Prof/CSE and Dr Kumararatharan Prof/ECE attended the meeting.

**Topic Discussed:**

Academic year 2019-20 started with Executive committee meeting. Pals people addressed the new events in the PALS calendar. Also the following points discussed in the meeting:

What are the events your college participated in earlier year?

Have you been having regular meetings of your student committee?

Have you been having regular meetings with your EC faculty?

Have you conducted any PALS events in your college so far and if so what has been the experience.

**Event 2: Student Leader Workshop Held at IIT Alumni Club On 31.07.19.**

**Pals Requirement:** 2 No. from SVCE

**Participation Details:** 100% participation by SVCE

Our college Pals student leader Ms. Anusuya Narayanan (3rd Year Biotech) and Sri Karthick B (3rd year EEE) has attended the same and knows the pals events planned and how to convey the information to our students.

**Event 3: Pals Acquire Lecture at SRM Institute Of Science And Technology On 30/07/2020**

**Pals Requirement:** 5 from Non Cluster Colleges

**Participation Details:** More than 100% participation

Aut:1, CSE: 2, IT:1, ECE: 2

**Topic Discussed:** Deep Dive Talk on IoT-Machine Learning- AI: Basics to startups! by Ms Jeyappria Dhevi, MD Kriyative Learning

**Event 4: PALS Aspire Lecture at Alpha College of Engineering on 6.8.19.**

**Pals Requirement:** 30 students from cluster college

**Participation Details:** 73.33% participation by SVCE (because of next day of cat exam) EEE: 2, Auto: 3, CS: 3, IT: 3, ECE: 4, Mech: 3, Civil: Nil, Chemical:1Biotech : nil

**Topic Discussed:** Machine learning- Introduction by Mr. Vallabha Deevi, Senior Data Scientist, Tiger Analytics,

Attitude overcomes altitude by Mr. G.Ramkumar, Executive Director, IOCL

**Event 5: Pal's Aspire Lecture at Loyola ICAM College of Engineering and Technology, Chennai on 7th August 2019 at 9.30 Am**

**Pals Requirement:** 5 students from non cluster college

**Participation Details:** More than 100% participation by SVCE

Auto: 3, cs: nil, IT:1, EEE:Nil, ECE:2, MEch:4 (management related activity), Chemical: Nil, Civil: Nil

**Topic Discussed:**

Single Piece Flow cell manufacturing system for Business growth case study by Mr. Krishnakumar, Former senior VP, Lucas Ltd

Challenges faced by freshers in First job and how to overcome them by T.hariraj, Chief executive officer, Voltech manufacturing limited

**Event 6: PALS online quiz held on 12th July 2019 at SVCE**

**Pals requirement :** More participation from 2<sup>nd</sup> 3<sup>rd</sup> Year

**Participation Details:** 290 students

Auto: 65 students from third year and 15 students from second year Automobile Engineering , 35 from Chemical , CS: 11, CE:27 , Biotech:16 , EEE:27, INT:55, ECE:18, MECh:12,

**Feedback :** Students benefited by knowing various domain knowledge

**Event 7: Pals Acquire Lecture at Saveetha Engineering College, Chennai on 8th August 2019**

**Pals requirement :** 30 students

**Participation Details:** 50% Participation (registration link closed during cat time)

Note: Auto: 3, cs: 1, IT: 3, EEE: 3 ,mech: Nil ece:5 Civil:3 chemical: Nil

**About the Lecture:** Emerging Technologies future proofing by Mr. Muralisundaram , Technology consultant at NPedia Technologies.

**Event 8: PALS Analyze event at DR. M. G. R Educational & Research Institute, Chennai On 23rd July 2019**

**Pals requirement :** 12 students

**Participation Details:** ECE: 2

**About the Event :** Case Stud event hosted by Ms Anuradha Shankar , Pals champion, Mr. Krishna kumar, Pals champion

**Event 9: IITMAA “Reimagining India in 2030” on 23/07/2019**

**Pals requirement:** Any students from our college

**Participation Details:** 30 ECE students participated in a survey

**About the Event :** Sangam is the flagship event of the IIT Madras Alumni Association (IITMAA), which represents about 50,000 alumni of IIT Madras across the globe. Sangam 2019 will deliberate the theme “Reimagining India in 2030”. As the late Prof. C.K. Prahalad suggested, we will explore ways in which India can assert its economic, technological and moral leadership in the world. The questionnaire on how we can shape and envision a new India in the next decade mentioned in the survey.

**Event 10: IITMAA Hackathon held at IIT madras on 03/08/2019**

**Pals requirement:** open to Machine Learning enthusiasts

**Participation Details:** 3 students from ECE participated

**About the event:** ML developers of the country can grab this opportunity to work in the Sangam Hackathon involving a proprietary time-series pollution data set that the IIT Madras project will unveil for the first time.

**Event 11: Theory to Practice(T2P) Lecture at IIT Madras on 19th August, 2019**

**Pals Requirement:** 10 Nos Min

**Participation Details:** AUTO: 4, Mech : 1 (as the Lecture was based on automobile department other departments didn't participate.)

**Lecture Topic :** Engineering Research Solutions to Bio and Thermal Problems by Prof. Arunn Narasimhan, Professor, Mechanical Engineering Department, IITM.

Abstract of talk: Engineering solutions translate scientific understanding into appropriate technologies to transform society. Research solutions for engineering problems in thermal and biological systems discussed

**Event 12: Pals Acquire Lecture at KCG College of Technology 18<sup>th</sup> September 2019**

**Pals Requirement:** 10 Nos Min

**Participation Details:** 3

**About The Event:** Introduction to Block chain, Bit coin And Crypto currencies By Mr. Arun Vijaya Co-Founder, Giottus Technologies Pvt Limited

**Event 13: PALS Analyse At SVCE,CHENNAI on 28th of august 2019**

**Pals Requirement:** 4 members in a team and each college should produce 3 teams. So totally 12 participants from each college. And audiences were also asked to arrange from each of the colleges.

**Participation Details:** 100% participation from our college.

AUTO:6 Civil:1 CSE:2 EEE: 5 ECE:7 MECH:10 CHEM:6 + 5 students as audience from each department mentioned in this event.

Feedback by IT student: III year IT B student Rahul R K has participated in this event and he is in the team called "TEAM VIPERS". He had a new experience in interdomain projects

**EVENT 14: Thinkathon at HIT,CHENNAI on 29th August 2019**

**Pals Requirement:** Selected students in the online quiz and the student leaders.

**Participation Details:** 100% participation from our college.

CHEM: 2 ECE: 2 EEE:1 IT: 5 CSE:2 BIO : 2 AUTO:0 Civil:1

**EVENT 15: Visit to IIT Madras Research Park, Chennai on 19.08.2019**

**Pals Requirement:** 20 participants from each college.

**Participation Details:** EEE:1 AUTO:1 CIVIL:1 BIO:1 CSE:1 IT: 1 CHEM: 1 , ECE:1

Faculty ; Dr C.JAYAKUMAR/CS

**About the visit:** CEOs from various domain explained the strategy adopted in their company and the internship requirements.

**Event 16: Pals Aspire Lecture at VIT Chennai on 9th September 2019**

**Pals Requirement:** 10 No Min

**Participation Details:** AUTO:2 CSE:3 CHEM:3 ECE:4 EEE:NIL IT:3 AUTO:NIL  
Civil:2, Mech; 1

**About the event:** Connected Things by Mr.Vijay Karthick kumbeswaran, President & CEO, Concinnate Partners, Recent innovation in waste management-life cycle concepts by Dr Indhumathi Nambi, Professor, Department of Civil, IIT madras.

**Event 17: Pals Residential Student Workshop at IIT Madras (3-12-2019 to 6-12-2019)**

**PALS requirement:** Selected students from Thinkathon.

**Participation Details:** EEE:1 BIO: 1, ECE:1,INT:2

**Feedback from the participant(Winner)**

Lecture on "Engineering Inspired from Art" by Dr. Sathiya Seelan was very interesting. "Appreciating and Creating Music" by Mr. N Sridar was a very fun filling session. Ms. Anuradha Shankar's "Problem Statement Discussion and Creative Thinking" was a very helpful session. We learnt how a problem should be approached and how a solution can be found by having group discussions. Prof. Sivakumar Srinivasan's Lecture on "Engineering Sense" made us to think how to implement our engineering principles practically. "Bio-mimetics Design" by Prof. Prabhu Rajagopal was an eye opener to all nature lovers, he told us how we can use all the nature's ideas into robotics. Lab visits was the best part, we were able to observe many new innovations and inventions. As a student, we learnt many things through this workshop, resource management, time management, co-operating with our team members, giving out all our ideas and choosing the best one. In short, we were able to explore ourselves through this workshop!

**Event 18: Pals Quest Engineering Quiz on 3rd January 2020**

**PALS requirement:** Every student were asked to participate

**Participation Details:** MECH:9 ECE:40 EEE:16 ,Auto: 80: Civil:14

**About the event:** The Online Quiz will be conducted simultaneously for all students of all the PALS partner institutes. Quiz duration 30 minutes, 60 questions (Multiple choice questions only).No negative marks for wrong answers. They have to submit the quiz on completion or it will be auto-submitted at the end of 30 minutes. ( ONLY ONE SUBMISSION).QFI will evaluate the answers and filter out the top 15 scorers from each participating college and share with PALS. Each college will select 2 teams comprising 4 members (from the top 15 scorers shared by PALS) each to be sent for the zonal rounds. In addition 1 member should be available as backup for each team. The teams have flexibility to use any 4 out of 5 members in the quiz contests.

**Event 14: Pals T2P Lecture at IIT Madras on 23rd January 2020**

**PALS requirement:** 10 No Min

**Participation Details:** 13 No MECH :6 EEE : 1 ,ECE:3, Civil:3

**About the Lecture:** From project to product- design journey of standing wheelchair by Dr Sujatha Srinivasan, Professor, Department of Mechanical Engineering, IIT madras.

**EVENT 15 : T2P Theory to Practice Lecture AT IIT MADRAS ON 4th FEB 2020**

**PALS requirement:** 10 No

**Participation Details:** Vishnu G and 9 members from second year Automobile Engineering and one student from EEE have attended a Theory to Practice(T2P)Lecture.

**About the Lecture:** " Going from Books to factory: Motor drives" by Dr Krishna vasudevan, Professor, department of Electrical Engineering , IIT madras & Dr Vaidhyathan, Founder director, Interface design Associates Pvt limited, navi Mumbai.

**Event 16: Tinkathon Web Launch Event on 09.07.2019.**

1 student from ECE attended in IIT-M Campus

**Event 17 : PALS T2PLecture AT IIT MADRAS ON 12th September 2019**

**PALS requirement:** 10 No

**Participation Details:** MECH :9

**About the Lecture:** Braking of Road vehicle by Prof C.S.Shankar Ram, Professor, Department of Engineering Design , IIT madras, & Mr. Nedunuri Kartheek, Lead Engineer(Vehicle validation-auto division), Mahindra Research valley,Mahindra & Mahindra Ltd.

**Event 18: Zonal level PALS QUEST event held at Rajalakshmi Engineering College on 28th January 2020.**

**Pals requirement:** Two teams Comprise of Automobile(7) and Electrical(1) and IT Students(2)

**Participation Details:** one team won the first place .The team consist of Nitheesh R.B, Yokesh Kumar .R, Kamalesh D, Manojprakasan R of second year Automobile Engineering

**EVENT 19 : PALS Quest Event finals held at AT IIT MADRAS ON 5<sup>th</sup> March 2020**

**Participation details:**

Nitheesh R.B, Yokesh Kumar .R, Kamalesh D, of second year Automobile Engineering have **won the 2<sup>nd</sup> Prize and Cash prize of Rs 15000.**

**About the event:** SVCE, KCG, SRM VIT, MEPCO, NANDA, SONA, RVSET, SSIET are the colleges entered the final. This event has been preceded by Five Zonal events held at Chennai ( 2 events), Sivakasi, Thiruchengode and Coimbatore. Each college will participate in the Zonal Semi- finals with 2 teams.

There will be 6-7 colleges in zonal semi-finals and hence 12 or 14 teams. There will be 2 rounds of quiz, with 6 or 7 teams in each round, 1 team per college. There will be a Zonal finals round, with 3 top scoring teams from each round. The first and second teams from each Zonal Final will participate in the Quest Finals on 5th March in Chennai. Each team will have 5 students selected by the college based on scores of the PALS ON LINE QUIZ conducted on 3rd January 2020. Out of these 5, only 4 students will participate in a round and one will be standby.

**Feedback by Dr Ponnuvel of Mech Dept Pals coordinator**

Overall the students informed that all the Lecture attended by them were highly informative and they are very much interested in attending such programs.

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PALS Student  
Coordinator**