Quarterly Report July to Sep 2018

Events Organized: Parents Meeting:

Parents Meeting was held at EEE-Seminar hall on 6th July 2018. Principal, Dr. P V Mohanram addressed the gathering. He briefed about the academics, placement details (both last year and ongoing), students projects, international summer school opportunities for the students etc.,. Vice Principal, Dr. G Chandramohan briefed about the academic results. He also showed the parents to use the college website effectively to know about the attendance and academic performance of their wards. 197 parents have attended the meeting. After the address by the Principal and Vice-Principal, the parents had a discussion with the respective HoDs and tutors. The parents interacted with the students at the project exhibition held in EEE Hall - 303.



Dr P V Mohanram, Principal, PSG iTech addressed the gathering during the Parents Meeting held on 6th July 2018

Research Advisory Meeting

Research Advisory Meeting with the faculty members was held on 09th July 2018 by Dr. D. R. Prasada Raju, Former Head of DST, New Delhi. He has provided input to the faculty members regarding preparation of research proposals and he extended assistance to the following faculty of PSG iTech as listed below. The meeting was co-ordinated by Dr. K. Balaji, AP (Sr. G.)/Chemistry.

| S. No. | Date of meeting | Faculty who got input for preparing research proposals | Research proposal to be submitted |
|--------|-----------------|--|-----------------------------------|
| | | | (Scheme details) |
| 1. | | Dr. P. Ilango / Professor/CSE | ICMR Cyber forensic |
| 2. | 09.07.2018 | Dr. C. S. Subash Kumar / Associate Professor/EEE | SERB – Core Research Grant |
| | | | (Clean Energy/Smart Grid) |

<u>Inauguration of CCNA® Certification Course for PSG Polytechnic Students:</u>

The Department of Computer Science and Engineering has organized a CISCO® Certified Network Associate (CCNA) Course for the benefit of PSG Polytechnic College Students, studying Diploma in Computer Networking. The course spanning 60 hours covered module 1 & 2 from the CISCO® curriculum. The Course was offered in association with CISCO® Networking Academy under the guidance of PSG Non-formal and Continuing Education (PSG CNCE). A total of 30 students were enrolled in the course and given the "CISCO® Networking login ID". The inauguration for the course was conducted on 14th July 2018 at the CISCO® Lab, CSE Block. The function was presided by Dr. G. Chandramohan, Vice-Principal, PSG iTech. Dr. T. Hamsapriya, Head, CSE Dept, PSG iTech welcomed the dignitaries and the gathering. Dr. S. Brindha from PSG Polytechnic College has delivered the chief guest address.

Mr. S. Thivaharan, Asst. Prof (Sr. Gr), CSE Dept, PSG iTech proposed the vote of thanks.



The chief guest of the function delivering the Guest address 14th July 2018 at the CISCO® Labs

Paper Presentation in International Conference at Leeds University, UK

Dr. M.I.Abdul Aleem, Professor and Head of Civil Engineering Department has presented a paper "Enhancement of Durability Characteristics of Geopolymer Concrete with Manufactured the Sixth International Conference on Durability of Concrete Structures organized by University of LEEDS, UK during 18th -20th July 2018. The paper was well received by the delegates.



Delegates in the International Conference on "Durability of Concrete Structures"

Alumni Interactive Session on Higher Studies Abroad

English Literary Forum (ELF) and Higher Education Forum organized an Interactive Session on Higher Studies Abroad with the first batch of alumni students. It was held on 26th July 2018. Alumni who got admission in universities abroad, interacted with the students and answered all their queries about higher education abroad in general, and about GRE, TOEFL, IELTS and also how to prepare SOPs. The alumni have explained on the best time to apply to the universities choosing the right universities and also the courses. Fifty two students attended the interactive session and they posed very valuable questions. The students gave the feedback that they found it useful and appreciated their seniors for patiently clarifying their doubts. The details of the alumni are given below:

| S.No. | Student | University | Country |
|-------|---------------|----------------------------------|-------------|
| 1. | Siddart. R.K | North Carolina State University | US |
| 2. | Arunachalam.T | Hamburg University of Technology | Germany |
| 3. | Nived Abhay | Delft University of Technology | Netherlands |
| 4. | Kavin Raj | Audencia Business School | France |



Alumni Interactive Session on Higher Studies abroad held on 26th July 2018

Inauguration of Civil Engineering Association

of The Inaugural function the Civil Engineering Association was held on 6th Dr. M.I.Abdul Aleem, August 2018. Professor and Head of Civil Engineering Department welcomed the gathering. Dr.S.K.Manjrekar, Former President, India Chapter of American Concrete Institute inaugurated the Civil Engineering Association for the academic year 2018-19.



Delegates on the dais during the Civil Engineering Association Inauguration held on 6th August 2018. Dr S K Manjrekar, Former President, India Chapter of ACI, Mumbai was the chief guest

72nd Independence Day Celebration

The Independence Day celebration was held on 15-08-2018, Wednesday. The programme was started at 8.00 am in the morning, beginning with the iTech parade welcoming the Chief Guest, Dr.N.Arunachalam. Former Professor of PSG College of Technology. To commemorate the sovereignty of our nation, Dr P V Mohanram, Principal unfurled the tricolor flag and all in unison sang the National Anthem to pay homage to the nation.

The first event of the meet was the march-past by the students. The boys team was led by Mr.D.Sandheep of 3rd year Mechanical Engineering and the girls team was led by Ms.Srinika of first year Electronics and Communication Engineering.

The Principal warmly welcomed the gathering. The Chief Guest then delivered the Independence Day address. He emphasized that the call of the hour was to evolve and develop solutions to take the country forward on the path of a sustainable development. The engineers of this generation must be so assertive and innovative that they should be able to create new problems and solve them. He urged the students to search for new fields of work. He also pointed out the importance of engineers in the economic growth and freedom of our country. Sharing his experience, he spoke regarding his project which was based on interconnection of the rivers in our state. He insisted that engineers should play a major role in Indian politics. The important qualities that engineers need today are creativity, hard work and adaptability. He concluded his speech by wishing all the students a successful year ahead. Mr K Anantharaman, Professor of Mechanical Engineering presented a memento to the Chief Guest. This was followed by the distribution of mementoes to the participants and volunteers.

Everyone assembled back in E2 (Computer Science and Engineering Department) Block-Seminar Hall by 9.15 am. The crowd was then carried away by the special rendition of patriotic songs and pieces of instrumental music by the iTech band.

On the other hand, the "Aynthinai Tamil Mandram" had organized the "Kaviarangam" headed by Dr.S.Aramuthakannan, Associate Professor, Mathematics Department on the topic "Kanden Suthanthiram". The podium was occupied by eight poets who addressed eight different aspects of the topic given. The poems were judged by Dr.S.Aramuthakannan and hosted by Mr.Adhiseshan of 3rd year Mechanical Engineering.

The Kaviarangam beautifully showcased the talents and skills of the students who portrayed their poems. Vice-Principal, Dr.G.Chandramohan, delivered the vote of thanks wherein he had mentioned everyone who had taken part to make this event a successful one. He had also appreciated the student's hard work and perseverance and presented them mementoes. The day ended by planting saplings at the area, north of the canteen by the students and faculty members.



March past-Boys team headed by Mr.D.Sandheep



Presentation of Memento to the Chief Guest Dr.N.Arunachalam. Former Professor of PSG College of Technology

Achievement of Final Year Civil Engineering Students

The Final Year Civil Engineering Students, Mr. S.P.Gokul and Ms. T.Nivetha got the Second Prize in Quiz Competition conducted by the Coimbatore Civil Engineering Association (Cocena) at Sri Krishna College of Engineering and Technology, Coimbatore on 28th August 2018. The prize money was Rs. 10,000/- by cash.



Mr. S.P.Gokul and Ms. T.Nivetha were receiving the award in Talent Search Quiz Competition 2018 held at Sri Krishna College of Engineering and Technology on 28th Aug 2018

EngiNX 18

The interdisciplinary team of third year students of PSG iTech, Mr Shravan S (EEE), Mr Raaghul A S (Mechanical), Mr Ramprakash V (CSE) and Mr Anirudh P S (ECE) bags the first Runner-Up award of Rs.2.5 Lakhs, and also offer for placement (Rs. 7 lakhs per annum) in TCS-Digital stream, and paid internship during June - July 2018. EngiNX is an Engineering Innovation Contest organized TCS - Engineering & Industrial Services Unit. The theme of the contest for this year was 'Digital Twin' - A Digital Twin is a model of a physical asset or a system and behaves similar to an IoT device. The first round, Qualification Round was an online test held on April 28, 2018, and 1700 teams from 1600 institutions participated. The second round, Use Case Proposal Round was held between May 2 - 21, 2018.

The third round, Digital Twin Round was held between June 1 to July 1, 2018. For the final round, five teams were selected and our team was one of the finalist-teams. The Grand Finale was held at TCS headquarters, TCS Olympus, Mumbai, between August 30 - 31, 2018. During the finale, our team demonstrated the prototype, IoT Based Smart Motor that uses machine learning to classify the status of bearing condition, and perform predictive analytics to forecast the remaining useful life of electrical insulation of the motor. The project was very well received by the top management team of TCS.

The team was also given the opportunity to present the idea to the CEO and MD of TCS, Mr. Rajesh Gopinath over video conferencing and he himself being an electrical and electronics engineer appreciated the innovative idea of our project. The live streaming of the award ceremony was telecast at PSG iTech for motivating second and third year students. The project work was guided by Dr. C L Vasu, Mr. S Ravikrishna and Ms. K Bavithra, faculty members in the department of Electrical and Electronics Engineering.



Our students, Mr Ramprakash (left) and Mr Anirudh demonstrating the functioning of the prototype



Mr Shravan receiving the award and Mr Ramprakash (first left), Mr Anirudh (second right) and Mr Raaghul (right)

3 Day Value Added Course on Financial Management Services

The 3 Day Value Added Course on Financial Management Services took place on July 30th, 31st and August 1st, 2018. The resource person was Mr. Anandamurthy, Senior Chartered Accountant and Investment Adviser (Level 1) certified by National Institute of Securities Markets (NISM). The students had a wonderful experience where they were exposed to the basic concepts and the fundamentals of Banking, Insurance, Risk Management and many other monetary investments.

The students were also provided with the knowledge about the Business Structures and their standard characteristics. Quiz sessions were also held at regular intervals to brainstorm the important topics.

Public Provident Funds, Mutual Funds and Corporate Bonds were just a few of the schemes that were covered with a clear-cut picture to obtain the return rate and Maturity Duration. He also guided the students to install the Money control mobile application. The students were directed to view the details on multiple assets from BSE, NSE, MCX and NCDEX exchanges, so that any user could track Indices (Sensex 1 Nifty), Stocks, Futures, Options, Mutual Funds, Commodities and Currencies with ease. The students were given awareness about the various trends of the financial society like the Bit Coin, Gold Standard and how it became obsolete. This course was considered as a vital course for every employee to manage his/her financial needs.



3 Day Value Added Course on Financial Management Services

CSE Association Inauguration

The CSE Association for the academic year 2018-19 was inaugurated on 5th September 2018. Mr.N.Sundara Ramalingam, Head–Deep Learning practice, NVIDIA Graphics Ltd, Bangalore presided over the function. Dr.T.Hamsapriya, Head of the CSE Department welcomed the gathering and inaugurated the association.

Ms.A.C.Sumathi, Faculty In-charge, CSE Association introduced the Office bearers of the association. Mr.Sundara Ramalingam, addressed the students and gave an insight to the evolution of deep learning from Artificial Intelligence and Machine learning. He elaborated on deep learning and its applications. Also, he gave an exposure on NVIDIA GPUs and its capabilities. The session was very interactive and ended with question and answer session on deep learning and its current trends. A quarterly newsletter "Bits n Bytes" was released on this occasion.



Mr.Sundara Ramalingam presenting the seminar on Deep Learning and the gathering of the function

"Placements - What and How to set off?"

An interactive session was organized by the CSE department on "Placements – What and How to set off?" for the 2016-20 batch BE Computer Science and Engineering students on 03rd July, 2018. The PSG iTech Alumni Mr. J. R. Harinandha and Mr. A. S. Krishna Prasad interacted with the students. The session began with a brief description about how to get ready for placements. Then 'Resume' preparation was described with a sample resume which gave an overview for the students about how to build an impressive resume. Importance of projects and in-plant training were stressed, which will be useful when attending placements. They stressed the importance of getting familiar in coding on the online platforms like 'hackerearth' or 'hacker rank' and suggested some online resources like Coursera, Udemy, which would be useful for learning concepts in the blooming fields like machine learning and data science. The questions posted by the students about the placement process were clarified by them. Also they encouraged taking up 'work at home' internships on 'internshala'.



Mr. A.S. Krishna Prasad, Societe Generale Global Solution Centre and Mr. J. R. Harinandha, Qualcomm India Pvt. Ltd. (PSG iTech BE CSE Alumni 2014-18 batch) interacted with the III BE CSE on Placements – What and How to set off?

Visit of Delegate:

Dr. Jerome Bove (Scientific and Academic Attache, French Embassy in India) visited PSGiTech on 23rd August, 2018). Dr. Jerome Bove interacted with the student group in the board room, where he briefed about the higher studies opportunities in France and the scholarship opportunities available for the students. Around 50 students from all the engineering branches participated in the interaction. First year students were also given opportunity to interact with Dr. Jerome Bove. The students raised a lot of interesting questions about the benefits of studying in France, selection procedure, employment opportunities after completing the higher studies, the French culture etc. The students had a one-to-one interaction with him before winding off the session.



Dr. Jerome Bove briefed about the higher studies opportunities in France and the scholarship opportunities available for the students

Induction Programme for the first year students (2018-2019)

Induction Programme for the first year students, started on 03.08.2018 at 4:30 pm at PSG Institute of Technology and Applied Research for the academic year 2018-2019. A detailed agenda of the 15 day Orientation Programme was deliberated by the Principal, Dr.P.V.Mohanram during his welcome address. It was indeed a heart-warming moment for the first year students and their parents as they were briefed about the general functionalities of our institution. The induction programme was scheduled from 04.08.2018 to 24.08.2018.

The presidential address was delivered by Dr.G.Chandramohan who highlighted on some of the important academic milestones reached by the institution in a very short span of time. Mr.S.Kuppusamy, Vice-president, PSG Foundry Division, gave insights about PSG Institutions in detail.

Dr.N.Saravanakumar, Professor and Head of Mechanical Engg., elaborated on general facilities and infrastructure in the Men's Hostel. Dr.E.Malar, Professor, Department of EEE, emphasized on certain key responsibilities of the residents in the Ladies Hostel. An interactive session was arranged as a part of Induction Programme where in some of the final year students shared their rich experiences of attending successful placement interviews.

In continuation, Ms.Sharmilee Prakash, Tata Consultancy Services, Chennai, was invited as the Chief Guest for the Induction Programme on 04.08.2018. She insisted on the 4 A's – Aware, Articulate, Amplify and Analyze to be acquired by a common engineer to become successful in his/ her career and serve the society. All the first year students were introduced to the respective tutors by the Heads of the Department, which was followed by the introduction of the Students Union. A diagnostic test to assess the proficiency in English and Programming Languages was conducted for the students. Based on their performance, the students were given training on Language coaching and practice, Programming skills. Vocational students were given separate coaching for Mathematics, Physics and Chemistry.

An intense module included wake-up call at 6:00 a.m, physical exercise, Universal Human Values, Proficiency training in the morning. The session on Universal Human Values focused on the fundamental principles and values that are to be followed by an individual. By experiential method of teaching and learning, the students were exposed to challenges they would face in real life and how to tackle them. Overall, the session was an eye-opener and it was well-received by the first year students. Similarly, a team of faculty members conducted the Language coaching & practice and Programming skills teaching the fundamentals concepts related to English grammar, Group Discussion, Python programming, Physics, Chemistry and Mathematics for the vocational students. In the afternoon, Creative Arts, Yoga and Meditation and Sports Training were conducted for the students. Creative arts comprised of training in vocal and instrumental music, dance, drawing and painting, multimedia and activities by Tamil Mandram.

Apart from this training module, students were also taken to out borne activity to Anaikatti, Craftsman Automation and PSG Foundry Division. Safety Awareness programme to train the students on first-aid and other essential safety measures was conducted alongside other club activities. The valedictory function for the first year induction programme was conducted on 24.08.2018 from 3.30 - 4.45 p.m. Students shared their feedback on Universal Human Values classes, and, outstanding students were identified from each activity and were honored with awards.



Ms.Sharmilee Prakash, Tata Consultancy Services, Chennai, addressed the students for the Induction Programme held on 04th August 2018



Universal Human Values Class handled by Dr P V Mohanram, Principal on 4th Aug 2018



Yoga practice by Dr R Ramesh, Professor, Mech Engg.



Creative Arts - Paper crafting and Drawing Practice



Mr S Kuppusamy, Vice President, PSG Foundry addressed the gathering on 3rd August 2018



Emotional Intelligence class handled by Dr G Chandramohan, Vice Principal on 23rd August 2018



Er Padmanaban, Vice President of WASCON, Pune addressed the students of Civil Engineering on 16th
August 2018



Interaction with senior students at Hostel in the evenings



Industry visit to PSG Foundry on 14th Aug 2018



Industry visit to Craftsman Automation



Anaikatti Trip held on 13th and 14th Aug 2018



Sharing of placement experience by the senior students



Fire and Safety awareness programme by Mr V Rangaraju, Safety Officer, PSG Institutions held on 20^{th} and 21^{st} August 2018



Outdoor Sports activities



Awards to the best performing students during the induction programme



Valedictory Function for the first year induction programme held on 24th August 2018

Advaya-2K18

The Cultural Fest-Advaya 2K18 was held on September 7th 2018 in the college premises in a befitting manner, presided by the Students' Union garlanding it with the fantabulous cultural performances by the students. Mr.Prabhu Gandhikumar, Managing Director of Tanvi Snacks and Beverages Pvt Ltd was the Chief Guest. The events of the programme included invocation dance, Students Union Inauguration followed by traditional dance, debate and mime. The Chief Guest delivered a valuable speech and encouraged the students for their laudable performances.

The following day had some on-stage events along with the finals of week-long club events, conducted in the morning. Principal and other respected faculties released the TAMIL MANDRAM logo, which added a feather to the cap of PSG iTech. The most treasured and esteemed iTech Band performed that evening which made the audience spell bound.

As a result of tedious effort, former iTech band Keyboardist and alumni Mr. Aravindhan, had his audio launch following the band. "Talent can't be taught, but it can be awakened". Standing as an example for the above quote, the non-teaching staff of college also released their audio which made the audience encouraged. The winners of the various clubs were certified with mementoes and certificates followed by the dance performance and Skit making the audience realize their meaning of life. The Chairperson of Students' Union, Mr.Hariharan concluded the cultural fest by acknowledging the efforts of the students.



Inauguration of the Students Union- The chief guest Mr Prabhu Gandhikumar, Managing Director of Tanvi Snacks and Beverages Pvt Ltd, Principal-Dr P V Mohanram, Vice Principal – Dr G Chandramohan, Dr P Manojkumar-Asso Professor(Mechanical) are also in the picture

Anna University Zone IX Table Tennis Tournament-Women

PSG iTech Women's Team wins the Anna University Zone IX Table Tennis Tournament that was held at PSG iTech Indoor Stadium on 05.09.2018. Principal, Dr.P.V.Mohanram, Vice Principal, Dr.G.Chandramohan, Dr.S.Gangadharan, PSG iTech Medical Centre are there in the picture along with the winning team of students.



Dr P V Mohanram, Principal, PSG iTech handed over the trophy to the winning team - Nandhini.S.K(IV CSE), Swathi.M (III EEE), Jayasree.G (IV ECE), Vichkshana.J.S(II EEE), Shanmathi Gayathri.S (IV ECE)

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Anna University Zone IX Table Tennis Tournament-Men

PSG iTech Men's team wins the Anna University Zone – IX Table Tennis Tournament that was held at PSG iTech Indoor Stadium on 14.09.2018. Principal, Dr.P.V.Mohanram, Vice Principal, Dr.G.Chandramohan, Dr.S.Aramuthakannan, Associate Professor of Maths Department. Dr.P.Manojkumar, Associate Professor of Mechanical Department. Mr.P.Udayakumar (Maintenance Incharge) Mr.A.Robinson, Director of Physical Education. Ms.R.Yogapriya, Assistant Physical Directress are there in the picture along with the winning team of students.



Dr P V Mohanram, Principal, PSG iTech handed over the trophy to the winning team, Srivatsan.S (IV EEE), Sakthivignesh.S.A (IV MECH), Shanmugaraj.TSK (II CIVIL), Sharnesh.M (I EEE), Prasannarahavendraa (I CSE)

Let's Talk- English Literary Forum (ELF)

Let's Talk programme was held on 19th September 2018 between 5.00 pm and 6.00pm at E-2 Seminar Hall. The speakers were Mithun .R (II Civil) and Abhishek Roy (III Mech). Mithun.R, II Civil, gave a very interesting talk on, "Hobbies." He defined and classified various kinds of hobbies. He stressed on the importance of having a hobby and outlined the benefits of having a hobby. He gave some rare and amusing hobbies which people around the world have and encouraged everyone to have at least one hobby. Abhishek Roy (III Mech) in his own inimitable style delivered a very motivating talk on, "Be the Best Version of Yourself." He explained at length the steps we should take to become successful. With suitable examples, he detailed the qualities required to excel in one's chosen profession and also in one's personal life. Both the speakers had researched well on the topic and they impressed the audience with their language and content.



Abhishek Roy (III Mech) delivered a talk on "Be the Best Version of Yourself" in the Let's Talk Programme by ELF 19th September 2018



Mithun.R (II Civil) delivered a talk on Hobbies in the Let's Talk Programme by ELF on 19th September 2018

Consultancy Project at M/s TORRENT Thermal Power Plant

Mr.K.Anantharaman, Mechanical Department, visited M/s TORRENT Thermal Power Plant at Ahmedabad, from 8th September to 11th September 2018, as part of Consultancy project for M/s. Guru Engineering Works, Trichy-15.

Consultancy works are related to site visit, collection and studying of site data, on the spot redesign of fan acoustic muffler silencer with ducting designs and discussions with TORRENT officials for their approval. Visit and approval works completed and product design and manufacturing works are yet to be taken up.



Visit to Torrent Power House at Ahmadabad for Fan Consultancy projects



Consultancy Project at Guru Engineering Works:

Mr.K.Anantharaman, Mechanical Engineering, had completed two consultancy projects for M/s.Guru Engineering Works, Tiruchy-15 and M/s.TRYCAE Industrial Engineering Pvt.Ltd., Trichy-18, during April-May'2018. The consultancy projects are related to design and selection of a centrifugal fan and ductings suitable for the ESP Flow Model experiments, for M/s.TRYCAE and design and development of new centrifugal fan, manufacturing, assembly and testing, for M/s.Guru Engineering Works. Both these projects had been successfully completed and fan was tested and assembled at the testing labs of Department of Energy and Environment, NIT, Trichy.

Fan design done and tested at NIT, Trichy Lab for Electro static Precipator Flow Model Testing as part of Consultancy projects

Industrial Visit: The Hindu Publishing House, Mangalore:

On 10th August 2018, 51 students of III BE CSE along with two faculty members Ms. G. Niranjani, Assistant Professor and Dr. R. Ravi Kumar, Assistant Professor visited "THE HINDU" Publishing House, Mangalore. Mr. Rajesh Kumar, Senior Engineer-Printing, THG Publishing House welcomed and guided to visit the printing division. He said that the news will be sent to that company as a pdf fomat file from Bangalore office. They work only at the evening to make printing. "The Hindu" uses only three of the secondary colors Cyan, Magenta and Yellow (CMK) and their combinations for printing. The students viewed the complete process of news paper making and how digitization simplified the job of designing to printing. With the great gratitude towards the personnel the students and the faculty departed from the company.



Industrial visit to "The Hindu Publishing House, Mangalore"

Industrial Visit to Lamina Suspension Products Ltd

On 11th August 2018, students visited Lamina Suspension Products Ltd which was established in the year 1976. The industry is an India's leading manufacturer, supplier, exporter and dealer of a wide assortment of Leaf Springs, Automobile Leaf Springs which feature higher load capacity, stability, lasting durability. The products were manufactured using high grades of raw materials and are quality tested on various parameters in compliance with international standards.



III BE CSE students at Lamina Suspensions Products Ltd., Mangalore

Two day industrial visit by II Year BE CSE students

A two day industrial visit was organized for the 3^{rd} semester CSE students on 3^{rd} and 4^{th} of August 2018 to the following companies / institutions:

- 1. U R Rao Satellite Centre, Bengaluru.
- 2. NVIDIA Graphics Pvt Ltd, Wing-A Manyata Embassy Business Park, Bengaluru, Karnataka-560045.
- 3. EBox Java Academy, Bengaluru 560100.

A total number of 55 students along with two faculty members [1. Mr. S. Thivaharan, Asst. Prof (Sr. Gr), CSE, PSGiTech, 2. Ms. P. Priya Ponnusamy, Asst. Prof (Sl. Gr), CSE, PSGiTech] participated in the industrial visit.

- U R Rao Satellite Centre, Bengaluru: Mr. Arvind Seshadri, Scientist, Grade-I explained about the various fabrication processes that are happening in the centre. He gave a detailed walk through about the GSLV assembly line.
- NVIDIA Graphics Pvt Ltd, Bengaluru: Students were briefed about how the NVIDIA graphics card is
 integrated in the modern multi-core architecture. Also the students were allowed to have a physical
 walk through in to the multi-core cluster facility of the company. The officials also stressed the
 importance of the Graphics and multimedia subjects to the students.
- EBox Java Academy, Bengaluru:
 - The students along with two faculty members visited the EBox Java Academy situated in electronic city, Bengaluru. The students were explained about the current openings in the machine learning and Artificial Intelligence field. The students were also briefed about a platform developed by the company to learn the machine learning and AI. All the students are encouraged to start doing mini- projects in the aforesaid field as there are available many open problem statements. All the students were clarified of their doubts regarding the same. Finally as token of gratitude, on behalf of the management, PSG iTech, a memento was presented to the resource persons.



2nd year CSE students with the officials of NVIDIA Graphics Pvt Ltd, Bengaluru during their two day industrial Visit.

Industrial Visit to HMT

The II B.E Mechanical Engineering students of PSG Institute of Technology and Applied Research, Coimbatore went on an industrial visit to HMT, Hosur on August 9, 2018. They entered the industry at 2.00 pm in a well-organized manner accompanied by two faculty Mr R Avinash Kumar and Dr G Rajeshkumar. The tour was taken care of their engineer and the group was taken to Manufacturing Plant 2. This plant houses the manufacturing of TVS Starcity, TVS StarSports, TVS Starcycle, RR310, and 2 two BMW motorbikes named G310R and G5310. Inside the plant it consists of 5 functional units namely, Machining Unit, Engine Assembling Unit, Paint Shop, Fabrication Unit, and Vehicle Assembling Unit.

All these units maintain a tac time of 38 seconds for motorcycles and 26 seconds for scooters. Tac time is the time in between the first operation and the last operation. In the Machining Unit, they machine the outer components for example camshaft using CNC machines which are completely automated and run on PLCs. In this unit they manufacture the star crank covers for TVS Starcity and TVS Star Sports.



Industrial Visit to TVS Hosur by II Year B.E., Mechanical Students HMT, Hosur on August 9, 2018.

Rural Innovators Start-up Conclave - RISC 2018:

Abhishek Thomas Mathew, an II B. E Mechanical Engineering student of PSG Institute of Technology and Applied Research has participated and won the III prize in RIDe Challenge at the RISC - 2018. His focus area was Agriculture and Allied Activities and his innovation was named as 'AGRIsoft'. About, Rural Innovators Start-up Conclave (RISC) is a platform that is provided to a wide array of budding Ideas, innovators and startups to showcase their product, talk and pitch and get an opportunity for funding, network and mentoring support. Rural Innovators Start-up Conclave (RISC) was organized by NIRDPR (National Institute of Rural Development and Panchayati Raj) from August 29 to September 1, 2018 at Hyderabad. The event was inaugurated by Shri M. Venkaiah Naidu, Vice President of India. A parallel event titled "Rural Innovation" and Design (RIDe) Challenge" was also organized. This event was a four-day conclave held in the memory of late Dr. A P J Abdul Kalam who encouraged and championed the cause of innovations / technology from rural for rural transformation. Rural innovators, startups, school children, college students and the general public with innovative ideas that can transform rural India were invited to participate in the event and avail the exciting opportunities: Fellowships, awards, financial linkages, networking and mentoring support by the winners and promising entries of the event. This conclave has helped him learn many new facets of technology and guidance from some high-profile authorities which has certainly helped him to improve his standards to the next level.



Abhishek Thomas Mathew receiving III prize in RIDe Challenge at the RISC - 2018

WORLD NSS DAY

The 'World NSS Day' is celebrated on 24th September every year. The NSS Day was celebrated for 7 days as a festive week in PSG iTech. As a part of World NSS Day, the NSS Volunteers has structured the events of Drawing, Painting, Meme Creation, Photography, contest on the topic 'Humanity and Poverty' and Idea presentation on the topic, 'Solution for Environmental Issues', on 19th September 2018. Many students registered their active participation and presented their ideas. The NSS faculty coordinators, Dr. P.Chinnaraj and Mrs.Vilashini were the juries of the events. The group of 50 NSS Volunteers along with NSS Programme Officers.

Dr.P.Chinnaraj (AP/Maths) and Ms.V.Vilasini (AP/CSE) organised a "Trench Formation" event in college's fruit garden in lieu of "World NSS Day - 2018". The session started by 3.00 pm and extended till 5:00 pm. The faculty members gave awareness about the necessities of trees and the need of watering them.

The students were grouped into 3 teams and each team was given 4 fruit trees which were planted by senior NSS volunteers last year. This excelled team coordination among student volunteers. They were provided with required equipments. The unwanted weeds and grasses in the Fruit Garden were removed and the trenches were made trenches with the bricks in order to separate the shrubs and trees. At last the students and the faculty members watered the plants. All NSS Volunteers showed great enthusiasm and team spirit in cleaning the garden and fencing the plants. The students knew that their hard work will help in the survival of plant, recharge groundwater, prevent soil erosion and yield fruitful gains. It motivates all the students to contribute more for the society.



Dr. P Chinnaraj, NSS Program Officer gave an awareness speech on importance of trees on $24^{\rm th}$ Sep 2018



Group photo of Volunteers involved in Trench Formation

The NSS Day commemoration was organised by NSS on 26th September -2018. The ceremony beginned with prayer song by Elakya .V of 2nd year CIVIL. Dr.P.Chinnaraj (NSS Programme Officer) welcomed the gathering and motivated the students to take part actively in NSS. Dr G Chandramohan, the Vice-principal addressed the gathering with his inspirational speech on "Serve and Smile" and vivifying the students to participate in the forthcoming events and appreciated the energetic participation of the students in the NSS camp. Then NSS Annual Report of the year 2017-18, was presented by Ms V Vilasini (NSS PROGRAMME OFFICER). The honourable chief guest Mr K Shyamkumar, Panchayat Secretary of Neelambur along with Vice-Principal and NSS programme officers initiated the installation of NSS office bearers of 2018-19 and announced their names. Each office bearer was granted with batches for their respective designations and have taken group photos. The chief guest emphasized the fact that the students are the backbone in development of India and he also discussed on the bad influence of mobile phones on students, the proper disposal of the plastics , sanitation and about women's safety in a very interactive manner. And he also proposed the idea of implementation of plastic free campus.



Group picture of the Office Bearers of NSS 2018-19 along with the Chief Guest, Vice Principal and the NSS Programme Officers 26th September -2018

Health Check-Up Campaign

Under the banner of "Shri V Rajan Heart Health and Research Initiative", the preliminary Health Check-up intimating the BP, BMI and BMR of the students and faculty members of PSG Institute of Technology and Applied Research took place in the campus on 19th September 2018, in a well organized and planned manner. A medical team of 3 arrived from PSG IMSR to our campus and set the camp at iTech square, the centre of PSG iTech. Five volunteers from NSS PSG iTech supported their service. The check-up process started at 9.30 am and it started gaining response very soon. Nearly, 217 students and faculty members benefitted out of this campaign. The session came to an end by 3.30 pm. The camp held was useful to the inmates of PSG iTech and served a better platform for us to be benefitted.





Shri V Rajan Heart Health and Research Initiative campaign at PSG iTech on 19th September 2018

Inauguration of Science and Humanities Association

The inaugural function of the Science and Humanities Association (SHA) was held on 03.10.2018 at the college premises. The special invitee who delivered the guest lecture was Dr. S.Sampath, Medical Physicist, Department of Oncology, New York on the topic Effect of the Environmental Impact on one's Perspective. 200 students 30 faculty and staff were benefited.



Dr. P.V Mohanram, Principal presenting the memento to the Chief guest, Dr. S. Sampath, Medical Physicist, Department of Oncology, New York

Seminar on Open Source Technologies

Mr. Mani Varadhan, CEO, Plexus Networks, Bangalore delivered a Guest lecture on "Open Source Technologies" at CSE seminar Hall on 8th October 2018. He discussed various issues and the need for the Open Source Technologies. The session was very interactive and the students of the Department of CSE had a thorough perspective on Open Source Technologies and their current real world applications.



The chief guest shared the details of the offerings by Red Hat Academy and the importance of Redhat Certification Exams.

Admissions for the Academic Year 2018-19 (First Year BE Programme)

| | | | | Rang | Range of Cut-off Marks | | |
|--------|--|----------------|-----|-----------------|------------------------|-------------|--|
| S. No. | Branch | Approved Admit | | GQ | MQ | 2 | |
| | | make | | (OC & BC) | State Board | CBSE | |
| 1. | Civil Engineering | 60 | 47 | 193.75 - 188.25 | 196.75 - 186.5 | 185 - 168.5 | |
| 2. | Computer Science and Engineering | 60 | 61 | 197.25 - 194.25 | 196.5 - 190 | 192 - 176.5 | |
| 3. | Electrical and Electronics Engineering | 60 | 60 | 194.50 - 192.25 | 194.25- 184 | 189 - 174.5 | |
| 4. | Electronics and Communication Engineering | 60 | 60 | 197.50 - 194.00 | 196 - 190.5 | 195 - 179 | |
| 5. | Mechanical Engineering | 60 | 59 | 197.25 - 191.75 | 194.75 - 190 | 192 - 179 | |
| | Total | 300 | 287 | | | | |

Government Quota (GQ): 65% (39 seats per branch)

Management Quota (MQ): 35% (21 seats per branch)

One day Workshop on "Building Information Modelling (BIM)"

The Department of Civil Engineering had organized One day Workshop on "Building Information Modelling (BIM)" on 20.09.2018 in association with Bentley Institute, Pune. The total number of participants registered for this course was 92 that include 74 internal participants and 18 external participants from various institutions. The session was conducted by Mr.Litto Kuttikandan, Technical consultant, Bentley Institute, Pune.





Mr.Litto Kuttikandan, Technical consultant, Bentley Institute, Pune addressed the students during the Workshop on "Building Information Modelling (BIM)" on 20.09.2018

Meeting with Dr. S. Kanappan

Dr. M.I.Abdul Aleem, HoD Civil, PSG iTech along with Dr. S.Kanappan Executive Vice President, L&T Geo Structure, Chennai and Dr. S.Rajasekaran, Former Professor, PSG Tech Coimbatore attended the PSG Tech Alumni Association – Chennai Chapter meeting on 29th September 2018 at Hotel Green Park, Vadapalani, Chennai.



Dr. M.I.Abdul Aleem, HoD Civil along with Dr. S.Kanappan Executive Vice President, L&T Geo Structure, Chennai and Dr. S.Rajasekaran, Former Professor, PSG Tech during PSG Tech Alumni Association – Chennai Chapter meeting on 29th September 2018

Visit of Prof. Andrew Quinn:

Prof. Andrew Quinn (International lead Department of Engineering, Glasgow Caledonian University (GCU), Glasgow) visited PSG Institute of Technology and Applied Research on 18th September 2018. He interacted with the first year students and briefed them about the summer school program offered by GCU. He also interacted with the faculty from Physics department about the academic and research activities. Dr. Abdul Aleem (HoD, Dept. of Civil Engineering) also interacted with Prof. Andrew Quinn regarding the international conference planned by the civil engineering department.



Visit of Prof. Andrew Quinn (International lead Department of Engineering, Glasgow Caledonian University (GCU), Glasgow on 18th September 2018

Guest Lecture on "Job Opportunities for Engineers in Gulf Countries"

The Civil Engineering Department has organized a guest lecture, Job Opportunities for Engineers in Gulf Countries on 25th September 2018. Dr.M.I.Abdul Aleem, Head of Civil Engineering Department welcomed the gathering. Dr. S Neelamani, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait delivered the lecture. Students from second, third and final year of Civil Engineering department attended the guest lecture.



Dr.B.Ramamoorthy Advisor (Academic), PSG Institutions presenting the memento to Dr. S.Neelamani, Senior Research Scientist, Kuwait Institute for Scientific Research, Kuwait

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Guest Lecture on "Composite cement – A sustainable product"

The Civil Engineering Department has organized a guest lecture, "Job Opportunities for Engineers in Gulf Countries" on 28th September 2018. Dr.M.I.Abdul Aleem, Head of Civil Engineering Department welcomed the gathering. Er.B.Suresh, Technical Head (All India), Chettinad Cements has delivered the lecture. He explained the various types of cements available in the market especially 33 grade, 43 grade, 53 grade cements and how it functions in various environments. The Special cement manufactured at Chettinad Cement Industry named as "Composite Cement" was well explained by him. Students from second, third and final year of Civil Engineering department attended the guest lecture.



Dr. M.I.Abdul Aleem, HoD-Civil and Er.B.Suresh, Chettinad Cements are in the dias

Guest Lectures delivered by faculty:

| S.No | Name of the faculty | Designation | Topic | Date | Venue |
|------|---------------------|---|---|--------------------------------|----------------|
| 1 | Dr P V Mohanram | Principal & Professor Mech | Questioning techniques for effective engagement in the classroom | 27/07/2018 | PSG IM |
| 2 | Dr P V Mohanram | Principal & Professor Mech | Class room to career: Role of teachers | 29/09/2018 | PSG IM |
| 3 | Mr K Anantharaman | Visiting Professor Mech | Mechanical and Electrical aspects related to Fans, Pumps, Blowers and Compressors | 20/08/2018 to 24/08/2018 | NIT, Trichy |
| 4 | Dr. M. Arun | Assistant Professor - (Sl.G)/ Civil | Bridging and Foundation Course on Strength of Materials | 06.07.2018 | SNSCE Cbe |

| Stude | ent Achievements: | | | | | |
|-----------|------------------------------------|---------------------------|-----------|------------------------------|---|--|
| S. No. | Name | Branch | Date | Prize won | Title of the Event | Venue |
| 1. | V. Ram Prakash | CSE (2016-20 batch) | 31.8.2018 | 1 st Runner up | TCS EnginX 2018: The Digital Twin Challenge | TCS Olympus, Thane, Mumbai |
| 2. | Sudhan, N. R., Sai Krishna, S. | CSE | 9.0.2019 | 3 rd | Know your leader - Advaya 2018 | PSG iTech |
| 3. | Shobana, D. | (2016-20 batch) | 8.9.2018 | 2 nd | Doodling by ART Club – Advaya 2018 | PSG iTech |
| 4. | Amal Matty Antony | CSE(2015 -19 batch) | 18.9.2018 | 2 nd | Solve-a-thon: Youth, Skills and the workforce of the future Challenge | CII, Coimbatore |
| 5. | Prem Kumar, A., Aravindan, P.E. | CSE | 19.9.2018 | 2 nd | CrytpoMania | |
| 6. | Rasswanth, S. | (2017-21 | 20.09.18 | 1 st | Dual | CIT |
| 7. | Prem Kumar, A., Aravindan, P.E. | batch) | 20.09.18 | 1 st | Bug Bounty | CIT, Coimbatore |
| 8. | Rasswanth, S. | | 20.09.18 | 2 nd | Code Hunt | |
| 9. | Karthikeyan, S K. | | 20.09.18 | 1 st | Cicuitrix | |
| 10. | Meha Ravi | CSE (2016-20 batch) | 25.9.2018 | 3 rd | Anna University Zonals- Chess | KPR Institute of Technology, Coimbatore. |

Anna University Semester Examination - April/May 2018

The results of April/May 2018 were declared by Anna University, Chennai. Out of 1305 students who appeared, 1133 students have passed. The overall pass percentage is 86.82. Jayesh Balaji K of III Mechanical secured highest SGPA of 9.64 followed by Soundharyaa M R of IV-Civil with SGPA of 9.62. The final year (2014 Batch) of B.E. Computer Science and Engineering secured 100% pass in their end semester examination.

Esteemed Guest for Flagship Event:

| S. No. | Name | Event Name | Date | Venue |
|-----------|---|-------------------------------|------------|----------------------------|
| 1 | Dr P V Mohanram Principal, PSG iTech | BFW Manufacturing Day-2018 | 05.10.2018 | ITC Grand Chola,Chennai |

PSG CARE Programmes attended by faculty members

| S. No. | Name | Event Title | Venue | Date |
|-----------|----------------------|---|--------|-----------------------|
| 1 | Dr. V. C. Mahavishnu | Future Classrooms: Flipped Classes and | PSG IM | 6.7.2018 |
| | Mr V Navin Ganesh | Technology-Aids for Effective Teaching and | | |
| | Mr P Balakumar | Learning | | |
| | Mr M Sathiyanathan | | | |
| | Mr M Jothibasu | | | |
| | Mr T Premkumar | | | |
| 2 | Ms Viraja Ravi | Effective Communication and Presentation Skills | PSG IM | 14.07.2018 |
| | Mr C Gopalakrishnan | | | |
| | Ms D Archana | | | |
| | Dr P Vetrivelan | | | |
| | Mr M Jothibasu | | | |
| 3 | Dr G Rajeshkumar | Effective Course Delivery | PSG IM | 28.07.2018 |
| | Mr J Nagarjun | · | | |
| - | Dr D Elangovan | | | |
| | Mr S Nanthakumar | | | |
| | Mr C Gopalakrishnan | | | |
| | Mr R Avinashkumar | | | |
| 4 | Dr. V. C. Mahavishnu | Orientation Programme for New Faculty 2018 – 19 | PSGCAS | 26.7.2018 & 27.7.2018 |
| 5 | Dr R Mangalam | Augmenting the Curriculum – Laboratory on a | PSG IM | 31.07.2018 |
| - | Dr J Ezhil | Desk Experiments for Young Scientists and | | |
| | Dr G Latha | Engineers | | |
| | Dr M I Abdul Aleem | Future of Higher Education | PSG IM | 18.08.2018 |
| | Mr C P Sabariram | | | |
| | Ms A K Kowsalyadevi | | | |
| | Ms P Reba | | | |
| | Dr D Elangovan | | | |
| 6 | Dr P V Mohanram | Orientation Program - National Institute of | PSG IM | 23.08.2018 |
| | Dr G Chandramohan | Technical Teachers' Training and Research | | |
| | Dr T Hamsapriya | | | |
| | Dr C L Vasu | | | |
| | Dr E Malar | | | |
| | Dr M I Abdul Aleem | | | |
| | Dr R Ramesh | | | |
| | Di R Ramesii | | | |
| 7 | Mr S R Mahesh | Effective Teaching and Strategies for Student | PSG IM | 22.09.2018 |
| | Ms A Jeyashree | Engagement | | |
| | Dr A Hariharan | | | |
| | Dr P Prabhunathan | | | |
| 8 | Ms R Yogeshwari | Educator Empowerment Programme for Non IT | PSG | 29.09.2018 |

| | Ms S Valarmathi Ms Ranjitham Mr M Manojkumar Ms V Karthika Ms S Deepika Saranya | Staff | Tech | |
|----|--|---|-------------|------------|
| 9 | Dr G Rajeshkumar Dr D Elangovan Mr J Nagarjun Mr S Nanthakumar Mr C Gopalakrishnan Mr R Avinashkumar | Follow up session on Effective Course Delivery | PSG IM | 29.09.2018 |
| 10 | Dr M Arun Dr V C Mahavishnu Ms K Bavithra Dr M Jayashanthi Mr S Nanthakumar Dr R Mangalam | Live Demonstration Programme on Plagiarism Check Software-URKUND | PSG Tech | 12.10.2018 |

Seminars/Conferences/Workshops/FDPs Attended

| S. No. | Name | Event Title | Venue | Date |
|--------|---|---|------------------------------------|---|
| 1. | Mr C P Sabariram | Solve-a-thon: Youth, Skills and the workforce of the future Challenge | CII, Coimbatore Zone | 18.09.2018 |
| 2. | Dr P V Mohanram Dr G Chandramohan Dr.G.Latha Dr R S Sankara Subramaniam Mr.V.Navin Ganesh Ms K Ruthra | AICTE – Sponsored Faculty Development Program(FDP) For Students Induction Program | PSG Tech, Coimbatore | 13.07.2018 to 15.07.2018 |
| 4. | Dr.R.S.Sankarasubram anian | Academic Leadership Development Programme | Coimbatore Institute of Technology | 26 th – 28 th Sep 2018 |
| 5 | Dr.K.Pramila | 25 th Year of ELTAI Commemorative Lecture on " Material Production" by Dr.Rathnasabapathy | PSG College of Technology | 25 July 2018 |

| 6 | Dr.K.Pramila | Know your Rights Organized by CII IWN | CII Office, Sungam. Coimbatore | 01 Sept 2018 |
|---|--------------------------|--|-----------------------------------|----------------------|
| 7 | Mr.V.Navin Ganesh | ArcGIS 10.6 | Dr.MGR University,Chennai | 25/07/18 to 27/07/18 |
| 8 | Mr.R.Rajkumar | ArcGIS 10.6 | Dr.MGR University, Chennai | 25/07/18 to 27/07/18 |
| 9 | Mr. K.Sakthi Prasanth | Concast 360 ⁰ | PSG TECH | 15.9.2018 |

Editor / Reviewer of International / National Conferences / Journals:

| S. No. | Name | Journals |
|-----------|------------------|---|
| | | 1. Journal of Solar Energy Materials and Solar Cells |
| | | 2. International Journal of Engineering and Technology |
| 1. | Dr. S. Jayakumar | 3. International Journal of Carbohydrate Polymers |
| | _ | 4. Indian Journal of Engineering and Materials Sciences |
| | | 5. International Journal of Plasma Physics |

Acceptance of Journal Paper:

| S. No. | Name | Journal Title | Journal Name |
|-----------|---|--|--------------------------|
| 1 | Dr P V Mohanram Principal, PSG iTech | Enhancement of static and dynamic characteristics of micro lathe bed by the use of alternate form design and composite materials | Springer/ AIMTDR-2018 |

Workshop attended by the CSE Students

| S.No | Name of the Student | Date | Topic | Venue |
|------|--------------------------|--------------|------------------|-----------|
| | | | | |
| | Anushya M | | | |
| 1. | Arjun M | | | |
| | Arokya Jenifer S Arun | | | |
| | Soorian V | | | |
| | AzhvarMeena P | | | |
| | Danya B M | 29.06.2018 – | Embedded systems | PSG iTech |
| | Dharshni R | 30.06.2018 | and IoT | |
| | Harini N D | & 02.07.2018 | Applications | |
| | Harsini R S | | | |
| | Joanish Muthu J | | | |
| | Karthick Raj M | | | |
| | Pavathaarani C R | | | |
| | PramodSwaminathan C | | | |
| | PrasannaVenkatesh S | | | |
| | Prasanth T | | | |
| | Priyadharshini R | | | |
| | Ramya R | | | |
| | Ramya M | | | |
| | Rohin Siddhartha P V | | | |
| | RoshniNaveena S | | | |
| | Rubini R | | | |
| | Sangeetha A | | | |
| | Shaik Abdul CaderSoofi S | | | |
| | ShrikrishnaSaravanan | | | |
| | Shrinidhi S | | | |
| | Sindhubharathi S | | | |
| | Sindhuja D | | | |
| | Sruthissree R | | | |
| | SushmaPreetha P | | | |
| | Vanathi E | | | |
| | VegesnaSravika | | | |
| | Vijay Vel Raja T | | | |
| | Asvanth S | | | |
| | NithinShyam S | | | |
| | Sabaritha G | | | |
| | Mahalakshmi M | | | |
| | Vishmitha R N | | | |
| | Narmatha C M R | | | |

| | Kanchsuhi Yalini S | | | |
|----|--------------------|--------------|------------------|--------------|
| | SanchanaVasan S | | | |
| 2. | Rohin Siddartha | | | |
| | Karthikraj | 20.09.2018 | Ethical Hack | |
| | Arun Sooriyan | | | |
| | Nithinshyam | | | |
| 3. | Karthick Raj | 18.07.2018 | | |
| | Aashwanth Krishna | _ | Summer Camp | Scotland GCU |
| | | 02.08.2018 | | |
| 4. | Asvanth | | | |
| | Rohin Siddartha | | | |
| | Karthikraj | 28.09.2018 - | Machine learning | PSG Tech |
| | Arun Sooriyan | 29.09.2018 | for Industrial | |
| | Shrinidhi | | application | |
| | Ramya R | | | |
| | Sruthissree | | | |

<u>Internship / Workshop attended by the Mechanical Engineering Students:</u>

| S.No | Name of the Student | Internship/Workshop | Date | | |
|-------|--|---|------------|------------|--|
| 5.110 | Name of the Student | Attended | From | To | |
| 1 | AkilaJoseph(715515114004) | Dept of Aerospace Engineering, IIT Madras | 09.07.2018 | 10.08.2018 | |
| 2 | Saikumar (715515114043) | National University of Singapore | 18.06.2018 | 03.08.2018 | |
| 3 | ArunSundar (715516114008) | FESTO Chennai | 20.08.2018 | 24.08.2018 | |
| 4 | Jayesh Balaji (715516114019) | FESTO Chennai | 20.08.2018 | 24.08.2018 | |
| 5 | I year B.E., Mechanical Students | Industrial Visit to M/s Craftsman Automation and PSG Foundry | 13.08.2018 | 13.08.2018 | |
| 6 | III year B.E., Mechanical Engineering students | Manufacturing Technology- Forging and Gears by Mr.D Ravishankar (Div Manager, Materials, TAFE) at PSG College of Technology Coimbatore | 21.08.2018 | 21.08.2018 | |

Journal Publications by faculty:

| S. No. | Author Details | Dept | Title of Publication | Name of the Journal | Name of Publication | Year of Publication | Impa ct Facto r | Scopu s Index ed |
|-----------|-----------------------|------|--|---|--|--|--------------------------|---------------------------|
| 1 | Dr R Ramesh | Mech | Taguchi Grey Relational Analysis for Multi - Response Optimization of Wear in Co- Continuous Composite | Materials | MPDI | Sep 2018 | 2.65 | Yes |
| 2 | Dr Harish | Che | Controlled galvanic replacement of Ni in Ni(OH)2 by Pd: A method to quantify metallic Ni and to synthesize bimetallic catalysts for methanol oxidation | Materials Chemistry and Physics | Elsevier | September 2018 (Online) | 2.21 | Yes |
| 3 | Mr Nagarjun J | Mech | Analysis and Evaluation of Heat treatment fixtures inspired from 3D infill patterns | Advances in Manufacturin g processes | Springer | September 2018 | 0.20 | Yes |
| 4 | Dr G Rajeshkumar | Mech | An Experimental Study on the Effect of Nano- clay Addition on Mechanical and Water Absorption Behaviour of Jute FIber Reinforced Epoxy Composites | Journal of Industrial Textiles | SAGE | August 2018 | 1.28 | Yes |
| 5 | Dr N Saravanakumar | Mech | Experimental study on the tribological properties of CuO-based biodegradable nanolubricants for machine tool slideways | Int. J. Surface Science and Engineering | Inderscienc e Enterprises Ltd | Vol. 12, No. 3, 2018 | 0.84 | Yes |
| 6 | Dr N Saravanakumar | Mech | Influence of Ag Nanoparticles for the Anti-wear and Extreme Pressure Properties of the Mineral Oil Based Nano- cutting Fluid | Tribology in Industry | JOURNAL OF THE SERBIAN TRIBOLOGY SOCIETY | Vol. 40, No. 3 (2018) 440-447 | 1.27 | Yes |
| 7 | Dr N Saravanakumar | Mech | Corrosion Behavior Of A Ni–TiO2 Nanocomposite Coated By Pulse Electro deposition | High Temperature Material Processes | De Gruyter, Germany | 22(4):219 -229 (2018) | 0.43 | Yes |

| 8 | Dr.K.Sivananda devi | Mech | Lean manufacturing concepts in wet grinder assembly line through value state mapping | Int. J. Services and Operations Management | Inderscienc e Enterprises Ltd | Vol. 30, No. 3, 2018 | - | Yes |
|----|------------------------|-------|---|---|--|---|------|-----|
| 9 | Dr K. Pramila | Eng | Eclectic Approach to Language Teaching for Effective Language Acquisition of EFL Learners in India | Journal of Applied Science And Computation (JASC) | | Vol:5. Issue:8 Pg:576- 591 August 2018 | 5.8 | Yes |
| 10 | Mr P Balakumar | Civil | Structural Behaviour of Reinforced Geopolymer Concrete members and effect of Fibres inclusion - A Review | Journal of Emerging Technologies and Innovative Research | Academia Science | September 2018, Volume 5 Issue 9, Pg. no. 206-211 | 5.87 | No |
| 11 | Mr P Balakumar | Civil | Utilisation of Waste Tyre rubber in Concrete and possibility of including them as aggregates in Rigid Pavement - A Literature Review | Journal of Emerging Technologies and Innovative Research | Academia Science | September 2018, Volume 5 Issue 9, Pg. no. 218-224 | 5.87 | No |
| 12 | Mr P Balakumar | Civil | 5D - BIM: Methodology, Advantages and Obstacles for practical implementation along with improvement measures - A Review | Journal of Emerging Technologies and Innovative Research | Academia Science | September 2018, Volume 5 Issue 9, Pg. no. 236-241 | 5.87 | No |
| 13 | V.Selvapriya | Civil | Investigation of Flexural behaviour of Engineered cementitious composites | Asian Journal of Engineering and Applied Technology | The Research Publication | ISSN: 2249- 068X Vol. 7 No. S1, 2018, pp.84-87 | - | No |