

PSG Institute of Technology and Applied Research

Annual Report (Apr 2017 to Mar 2018)

1. Institutional Achievements

Anna University Nov/Dec 2017 Examination Results:

The results of Nov/Dec 2017 were declared by Anna University. Out of 1309 students who appeared, 1135 students have passed. The overall pass percentage is 86.71. The highest GPA of 9.84 is shared by Maria Karen Joshua (I CSE) and Gnanasrenivash N B (I Mech). The overall pass percentage of I year 2017 batch students is 96.22% and secured the first rank among all the Anna University Affiliated Engineering colleges all over Tamil Nadu.

Anna University April/May 2017 Examination Results:

The results of April/May 2017 were declared by Anna University. Out of 951 students who appeared, 854 students have passed. The overall pass percentage is 89.80. PSGiTech secured the fourth position among the self-financing (non-autonomous) colleges of Tamil Nadu. The details are included in the following two tables.

TOP 5 COLLEGES IN ANNA UNIVERSITY NOVEMBER/ DECEMBER 2017 EXAMINATIONS

Sl. No.	Name of the College	No. of Students Appeared	No. of Students Passed	Pass Percentage
1	PSG Institute of Technology and Applied Research	1309	1135	86.71
2	Velammal Institute of Technology	1783	1515	84.97
3	Sri Sivasubramaniya Nadar college of Engineering	3650	3094	84.77
4	Velammal Engineering College	3848	3207	83.34
5	Prathyusha Engineering College	1864	1544	82.83

TOP 5 COLLEGES IN ANNA UNIVERSITY APRIL/ MAY 2017 EXAMINATIONS

Sl. No.	Name of the College	No. of Students Appeared	No. of Students Passed	Pass Percentage
1	Regional Centre of Anna University, Thirunelveli	149	146	97.99
2	Sri Sairam Engineering College	4601	4162	90.46
3	Central Electrochemical Research Institute (CSIR) Karaikudi	139	125	89.93
4	PSG Institute of Technology and Applied Research	951	854	89.80
5	Sri Sai Ram Institute of Technology	2487	2224	89.43

Placement Report (17-18) as on date 24.05.2018

Program	Final Year student strength	Based on total outgoing students Placed in %	Opted for Placement	% Opted	No. of student Placed	Based on opted list in Placed %	Highest Salary(Rs. Per Annum)	Lowest Salary(RsPer Annum)
Civil	67	38.81	54	80.60	26	48.15	7,00,000	3,00,000
CSE	67	77.61	61	91.04	52	85.25	14,50,000	3,00,000
ECE	69	73.91	52	75.36	51	98.08	14,50,000	3,00,000
EEE	68	80.88	61	89.71	55	90.16	16,18,900	3,00,000
Mech	69	60.87	56	81.16	42	75.00	7,80,000	2,50,000
Total	340	66.47	284	83.53	226	79.58		

GRIHA Exemplary Performance Award was awarded to PSG iTech for the demonstration of “Passive Architecture Design” by GRIHA Council during GRIHA Summit 2017, New Delhi. Dr. N. Saravanakumar, HoD, Mechanical Engineering, PSG iTech alongwith Ar. Sangeet Sharma, S D Sharma & Associates has received the GRIHA Exemplary Performance Award for Green Building.



Dr. N. Saravanakumar, HoD, Mechanical Engineering, PSG iTech alongwith Ar. Sangeet Sharma, S D Sharma & Associates receiving the GRIHA Exemplary Performance Award for Green Building

2. MoUs signed:

MoU between PSGiTech and Magnus Prep

A Memorandum of Understanding was signed between Barry – Wehmiller International (B-WI), Chennai and PSG Institute of Technology and Applied Research, Coimbatore on 20 September 2017. The objective of this MOU is to develop and execute education programs and academic projects through Career Oriented Engineering (CORE) program. CORE program is an initiative by B-WI to bring industry expertise to the engineering students in the campuses. This program works on the principle that imparting employability skills to engineering students. A minimum of 30 students may enrol every year for Mechanical and Electrical for the first year discipline and will add students in successive years based on the willingness of the students at the end of the first year training.



**MoU signed between PSGiTech and Magnus Prep on
25th September 2017**

MoU between Nexmoo Solution (India)

Pvt. Ltd and PSG iTech

A Memorandum of Understanding (MoU) was signed between PSG Institute of Technology and Applied Research and Nexmoo Solutions (India) Pvt. Ltd at the board room, PSG iTech presided by Shri. L. Gopalakrishnan, Managing Trustee, PSG Institutions on 17.8.2017. This was followed by inauguration of PSGiTech – Nexmoo Centre of Excellence (Mobile and IoT) by Mr. S. Pandiarajan, Managing Director, Nexmoo Solutions India Pvt. Ltd at the respective labs. Founded by mobile app experts, Nexmoo creates unparalleled mobility solutions that empower their customers in realizing their vision. Kicking off with Symbian based mobile apps, their mobility solutions expertise has grown up to match the needs of all the major smart phones and tablets today and they are one of the leading mobile app development company in Chennai, India. Exhibiting their technical process in Windows, Android and iOS, their team of experts has



**A Memorandum of Understanding (MoU) was signed between the college and
Nexmoo Solutions (India) Pvt. Ltd. on 17th August 2017**

transformed the mobile app development into a business realistic solution which is to be called enterprise mobility. Nexmoo Centre of Excellence is planning to conduct training programs, workshops and internships for students in Mobile application development and Internet of Things field. Students will be able to do projects under the guidance of Nexmoo personnel based on which placements of final year students would be done with the same company. A test bed worth Rs. 1,00,000/- is provided by the company which would be used in this regard.

MoU between PSG iTech-Bentley Institute Academic Hub

An MoU was signed between PSG iTech and Bentley Institute for knowledge transfer for Five Years on 10.05.2018. Mr. Vinayak Trivedi provided an overview of Bentley Systems and its philosophy. He lauded the vision of the PSG Management in setting up the PSG iTech-Bentley Institute Academic Hub at PSG iTech, which he believed would equip PSG iTech students, develop world-class skills and help contribute to the development of infrastructure. He also outlined the future of large-scale infrastructure projects using the comprehensive suite of software products from Bentley. As a part of the MoU, each faculty and student of PSG iTech shall be able to access legal Bentley software on their laptops on a 24x7 basis. Training on key technologies and packages shall be delivered through ARK Info solutions, the channel partner of Bentley.



Signing of MoU between PSG iTech and Bentley Institute

3. Major Programs (department/college programs etc)

First year orientation programme:

A three-day First year orientation programme from 07th August 2017 to 09th August 2017. The orientation programme commenced with a warm welcome address by the Principal, Dr.P.V.Mohanram, who presented a brief profile of the academic ambience provided to the students at PSG iTech. He also introduced all the Heads of the Departments and highlighted the objectives of the three day programme. The Chief Guest for the orientation program was Mr.Pattabiraman



Krishnaswamy, Head – Accreditation, Tata Consultancy Services, Chennai, who deliberated on the various skills required for students to become successful engineers followed by a special address by Prof.N.C.Nandagopalan, Secretary, PSG Schools, who emphasized the values imparted by PSG Institutions

to the society and motivated the students to be a successful part of it. Dr.G.Chandramohan, Vice-Principal, PSG iTech delivered the vote of thanks for the Inaugural session. Mr.Pattabiraman Krishnaswamy deliberated on the importance of engineering graduate's role in the competitive world.

3rd Meeting of Planning and Monitoring Board

The 3rd meeting of the Planning and Monitoring Board of the college was held on 17th February 2018 (Saturday) at college Board Room from 9.00 am to 10.30 am to review the activities of the college. Several valuable suggestions were made by the experts, which were presented to the 4th Governing Council meeting held on 21st February 2018.



Experts present during the 3rd Planning and Monitoring Board Meeting held on 17th February 2018.
Left to Right: Dr R Ramesh, Dr N Saravanakumar, Dr G Chandramohan, Dr LS Jayagopal, Dr PV Mohanram, Dr JV Ramasamy and Mr D Muralidhar.

4th Meeting of Governing Council

The 4th meeting of the Governing Council of the college was held on 21st February 2018 at Board room from 11.00 am to 12.30 pm. The following data for the year 2017-18 were presented and approval sought for the appropriate items.

- Academic and other related activities of the college.
- Recommendations of the Staff Selection Committee.
- Students and faculty development programmes.
- Recommendations of the Planning and Monitoring Board of the college for implementation
- Annual budget of the college.



Experts present during the 4th Governing Council Meeting held on 21st February 2018.Left to Right: Mr S Ravi, Mr P Balakumar, Dr VK Stalin, Dr PV Mohanram, Shri GR Karthikeyan, Shri L Gopalakrishnan, Dr T Alwarsamy, Dr G Chandramohan, Dr P Radhakrishnan, Dr R Rudramoorthy & Dr R Ramesh.

Civil Service as a Career Option

As a part of the iTech Dialogue, a session on “Civil Service as a Career Option” was organized on 07th March 2018. As part of the tradition of iTech Dialogue of inviting eminent speakers to address staff and students, Mr. C. Kalimuthu, IRS, Joint Director, Directorate General of GST Intelligence, Coimbatore was the speaker. The chief guest explained the various types of taxes. He also interacted with the students regarding GST and spoke at length about GST and its benefits. While talking about career options in civil services he posed a series of questions to the students; questioning them about their interest in civil services and asked them how they prepare. He motivated the young aspirants and gave hints on how to choose the specialization and also how to prepare for civil services. The students interacted with the speaker and sought his advice on preparing and succeeding in civil service examination. A book of poems written by C. Arul Kumar was released by the Chief Guest, Mr. C. Kalimuthu and the first book was received by Dr. S. Jayakumar. Principal Dr.P.V. Mohanram and Vice Principal, Dr. G. Chandramohan appreciated and applauded the student on his efforts in bringing out the book and wished him more success in his life.



Mr. C. Kalimuthu, IRS, Joint Director, Directorate General of GST Intelligence, Coimbatore during the session on “Civil Service as a Career Option” was organized on 07th March 2018

Industry Academia Conclave 2018

PSG iTech organized an Industry Academia Conclave -2018 with the theme ‘New Age Business and Engineering Education’ on 17th March 2018. The conclave focused on helping the academia to keep the usefulness updated with the changing technologies and industrial paradigms. The students and faculty members of PSG iTech attended the conclave. Many distinguished experts from reputed industries took part in the conclave. The inaugural session started with a very positive and vibrant talk by the chief guest Mr. S. Senkathir Selvan, EIS Business Head, TCS. He elaborated about Industry 4.0 which involve Internet of Things (IoT) for Cyber Physical Systems (CPS). He stressed on the fact that the expectation of the industry keep on changing rapidly and so the budding engineers should be more agile in learning and applying all the class room learning into products.



Mr. S. Senkathir Selvan, EIS Business Head, TCS, delivering the inaugural address during Industry Academia Conclave-2018 on 17th March 2018

Yukta : 2018

The technical symposium ‘Yukta:2018’ hosted by PSG Institute of Technology and Applied Research was held on Friday, the 9th of March 2018. Every aspect of the event, from its inception to the execution had been the outcome of the culminated efforts of the faculty and students of the institution.

This symposium witnessed the enthusiastic participation of over 600 students in over 49 events that tested their wits and abilities. The endeavor of the Symposium is to endow with a platform for the budding engineers to participate and compete amid the best of innovative minds and flourish with flying colors. The Overall championship trophy was bagged by Coimbatore Institute of Technology and the Runner up was bagged by PSG College of Technology. The valedictory function of Yukta -2018, commemorated with PSG iTech Music band performing for some scintillating songs, which was followed by the release of ‘Tarangini’ a literary in house magazine of PSG iTech. The Chief Guests for the evening were singers, Mr Abay Jodhpurkar and Ms Vishnupriya who entertained the audience for some foot-tapping numbers.



Dr.P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-principal and Dr.S.Jayakumar,HoD, Physics, Student coordinators along with the Chief Guests, Singers Ms Vishnu Priya and Mr Abay Jodhpurkarreleasing the Tarangini Magazine during the One-day Technical Symposium Yukta:2018, PSGiTech on 9th March 2018

One day visit to M/s.Craftsman Automation Pvt.Ltd.

Twelve faculty members of various department of PSG iTech had an opportunity to visit M/s Craftsman Automation Pvt Ltd., on 26th Dec 2017. The faculty members along with Principal and Vice principal got a chance to discuss with Mr. Gowtham, Director M/s Craftsman Automation and with their team. During the visit, Principal has briefed about the purpose of visit. Senior officials have also presented their Corporate Video highlighting their operations at various units spread out throughout India and the challenging products being developed and manufactured at their works and expected future product development and business growth. They have also expressed their keen interest to work with our college for students training and projects on company operational excellence.



Dept. of Mechanical and Electrical Engineering, PSG iTech receiving a “Consultancy Project Offer” titled “Laser Pick Assist System” worth 1.3 Lakh from the Managing Director, Mr R Gowtham, Craftsman Automation on 26th December 2017. The members of the project team are

- 1. Dr R Ramesh, Professor (Mech Engg)**
- 2. Mr M Senthilvel, Asst Prof(Mech Engg)**
- 3. Mr J Nagarjun, Asst Prof(Mech Engg)**
- 4. Mr S Ravikrishna, Asst Prof(EEE)**



Twelve faculty members of PSG iTech visited the industry “Craftsman Automation” on 26th Dec 2017 to study the manufacturing facilities. Managing Director, Mr Gowtham, is also in the picture.

Value Added Course on “Introduction to Machine Drawing “ held in Mechanical Engineering Department

The Department of Mechanical engineering conducted a Two Days Value Added Course on “Introduction to Machine Drawing“ on 23rd & 24th Jan 2018 for the I year Mechanical Engineering students during their second semester. The chief guest of the programme was Dr.S.Vijayarangan, Former Principal of PSG College of Technology.



Dr S Vijayarangan , Former Principal, PSG College of Technology delivering lecture the Value Added Course on Machine Drawing on 23rd Jan 2018

Educational Fair

Higher education learning centre (HELIC) of PSG iTech organized an educational fair on 24th January 2018. 7 Universities participated and nearly 55 PSG iTech students were benefitted. The event was co-ordinated by Dr. Manojkumar, Associate Professor of Mechanical Engineering.



The participants from Seven Universities along with Dr P V Mohanram, Principal, Chandramohan, Vice Principal along with PSG iTech faculty members

Dr G

Samartha: 2k18-Hostel Day (Boys)

The fourth PSG iTech Hostel day was celebrated on 24th February, 2018 on PSG iTech Hostel premises with warmth and excitement. The guest of honor for the occasion was Dr. C L Vasu, Head of the Department, Electrical and Electronics Engineering. The Chief Guest Dr C L Vasu with his insightful speech left the students with lot of thoughts to ponder. The speech ended with the Thanking address by the warden Dr N Saravanakumar. The night become more colourful with the well organized food feast, prize distribution ceremony, music and dance. The day came to an end with high spirits marked by the unity and the friendly bonding, the students share between themselves.



The chief guest of ‘Samartha: 2k18’, Dr C L Vasu while addressing the Hostel Residents

Samartha: 2k18-Hostel Day (Girls)

“SAMARTHA: 2k18” was held on 24th February 2018 in the girl’s hostel campus from 5 p.m. to 10 p.m. The chief guest of the function was Dr. V. Jailaxmi, HoD, Department of Mathematics, PSG iTech. The chief guest quoted many life examples insisting on the importance of time, money and relationship building by narrating a story. She also insisted on minimizing the food wastage in the hostel premises. As a part of the hostel day celebrations, about 20 events were conducted for the girl students from 10th February, 2018 to 23rd February, 2018. All girls participated with a lot of enthusiasm and enjoyment. The teams and individuals who won in those events were given prizes on the day of Samarthaha-2k18.



The chief guest of ‘Samarthaha 2k18’, Dr V Jailaxmi along with Principal and Vice Principal

4th Merit - cum - Means Scholarships distribution – Ist Phase

The 4th Merit - cum - Means Scholarship distribution was held on 11.04.2018. Principal Dr. P. V. Mohanram welcomed the gathering and informed the selection process. He thanked the donors for their generous contribution over the years. Forty students were selected for the scholarship and the total amount distributed was Rs. 4,10,000 (Rupees four lakhs ten thousand only). The scholarships were distributed by the Principal, Vice-Principal Dr. G. Chandramohan and respective Head of Departments. The students who received scholarship thanked the donors and assured that they will remember this help forever, and that they will do their best to help the student community in a similar manner, in future. Principal thanked Dr. C. L. Vasu and his team for organizing the scholarship distribution programme.



Distribution of Merit-cum-Need scholarships to PSG iTech students during the academic year 2017-18 on 11th April 2018, along with some of the donors; in all, 40 students were awarded the scholarships

The following is the list of students who receives scholarship for the year 2017-2018

S. No.	Name	Class		Donors
		Year	Branch	
1	Gowtham K	I	Civil	Mr. Muruganandan P Associate Professor, PSG iTech
2	SahayaShalmiya J	I		Ms. Gowarthanambikai K Assistant Professor, PSG iTech
3	Sangavisri I	I		Mr. Balakumar P Assistant Professor, PSG iTech
4	Thiru Venkatachalam P	II		Dr. Mohanram P V Principal, PSG iTech
5	Krishnamoorthi A	III		Dr. Vasu C L Professor, PSG iTech
6	Jagadeesan K	III		Mr. Anantharaman K Associate Professor, PSG iTech

S. No.	Name	Class		Donors
		Year	Branch	
7	Akhil S.R	IV	Civil	Mr. Karthik Vedachalam 2014 Batch Student of Civil Engineering, PSG iTech
8	Kaleeswaran R	IV		
9	Gayathri B	IV		
10	MalathiK.T	IV		
11	Mugesh K	IV		
12	Hemapriya V	I	CSE	Dr. Mohanram P V Principal, PSG iTech
13	Srithar K	III		Mr. Anantharaman K Associate Professor, PSG iTech
14	Vijayalakshmi K	IV		Mr. Sathish M Sr. Marketing Manager, National Instruments, Bangalore.
15	Rudhra Priya V	IV		Mr. Sathish M Sr. Marketing Manager, National Instruments, Bangalore.
16	Kanaga M	IV		Mr. Kathiresan G Professor, KLN College of Engineering.
17	Vanmathi A	IV		Mr. Charan PSG Tech Alumnus
18	Anju C	IV		Dr. Kumaravel Associate Professor, Dept. of Mechanical Engineering, IRTT
19	KanchsuhiYalini S	I	ECE	Dr. Mohanram P V Principal,PSGiTech
20	Priyadharshini R	I		Ms. Deepa M Assistant Professor, PSG iTech
21	Pouthra R	II		Ms. Vimala CFO, PSG Sons' & Charities
22	Sri Hari M.P.K	II		Mr. Pandian Managing Director, Sharp Tools, Coimbatore.
23	Aishwarya R	III		

S. No.	Name	Class		Donors
		Year	Branch	
24	Ganesan J	IV	ECE	Dr. Ganesan K Associate Professor, PSG Tech
25	Gayathri Devi S	IV		Mr. Parthiban V Managing Director M/s Bull Machines (P) Ltd
26	Sangeetha S	IV		Mr. Anand S K Amoha Global Trust
27	Kumarasamy G	IV		Mr. Sunny PSG Tech alumnus
28	Vishnu Prasath M	I	EEE	Mr. Vasudevan Managing Director, Transventure BPO solutions Pvt Ltd, Coimbatore
29	Deepika P	I		2010 Batch EEE PSG Tech Students
30	Manojkumar M	II		Dr. Umadevi R Associate Professor, PSGiTech
31	Shyam Pranav K K	II		Mr. Kannan M K MD, Datafield India Pvt Ltd, Cbe
32	Aravindaraj A	II		Dr. Vasu C L Professor, PSGiTech
33	Nivetha R	II		2010 Batch EEE PSG Tech Students
34	Karthika P	III		
35	Gokul R	I	Mechanical	Mr. Asokan C Helios Apparels, Tirupur
36	Subash Chandra Bose S	II		Dr. Mohanram P V Principal, PSGiTech
37	Raja B	III		Dr. Saravanakumar N Professor and Head, PSGiTech
38	Manikandan M	III		Mr. Anantharaman K Associate Professor, PSGiTech
39	Hariharan V	III		Ms. Sivananda Devi K Associate Professor, PSGiTech
40	Arun G	III		Mr. Anantharaman K Associate Professor, PSGiTech

Merit – cum - Need Scholarship Distribution-Second Phase

Distribution of Second Phase of Merit-cum-Need Scholarship to PSG Institute of Technology and Applied Research students for the academic year 2017-18 was held on 22nd May 2018. The total scholarship amount distributed is Rupees One Lakh, (sponsored by Amoha Global Trust, Coimbatore.)



Mr. S K Anand of Amoha Global Trust, Coimbatore, donating a scholarship amount of Rupees One Lakhs to Dr. P V Mohanram, Principal, PSG iTech in presence of Shri. L Gopalakrishnan, Managing Trustee, PSG & SONS' CHARITIES



The students who received scholarships for the year 2017-2018 on 22nd May 2018 along with our Principal Dr P V Mohanram, Principal and faculty members

4. Inaugural Programs

Inauguration of Higher Education Learning Centre:

The Higher Education Learning Centre (HELC) was inaugurated on 25th September 2017 at 10.00 a.m. in the presence of Shri. L. Gopalakrishnan, Managing Trustee, PSG Institutions. The Principal, Dr. P. V. Mohanram and the Vice Principal, Dr. G. Chandramohan and all Heads of Departments and faculty members witnessed the inaugural and the MoU signed between PSGiTech and Magnus Prep. Principal welcomed everyone and briefly highlighted the placement scenario and also highlighted the fact that a considerable number of students are interested in pursuing higher education. Students and parents have requested for training in GRE, GATE, GMAT, bank exams and so on. Obliging to their requests, the

college has embarked on this venture with Mr. B. Rajesh Kumar, Co-founder, MAGNUS PREP to establish an online training and counseling centre in the college campus. He expressed his gratitude to the Trustee, the Chief Guest and Mr. B. Rajesh Kumar for their presence. The Chief Guest of the programme was Thiru. V. Lakshminarayanamsamy, MD, Suguna Group of Industries, Coimbatore. In his address, he congratulated the college on its excellent academic record since its inception in 2014.



Mr B Ramesh, Magnus Prep gave an introduction to the gathering about the Higher Education Learning Centre which is located in E4-101 and gave a small demonstration to the students on 25th September 2017

CISCO Network Academy inauguration:

The inauguration of the Cisco Networking Academy was held on 17-8-2017. Cisco Networking Academy identifies and develops the skills people and businesses need to thrive in a digital economy. It provides an exclusive online learning platform supports active and engaged learning, career development, and collaboration. It provides a global network of 500+ Academy Support Centers (ASCs) and Instructor Training Centers (ITCs) guide local academies to success. The duration of CCNA certification course is two semesters. Students from second and third year have enrolled in the certification program.



Mr. M. Sreevalsan, Head, Cisco Regional Academy Support Centre (South Zone) inaugurating the Cisco Networking Academy

Inauguration of PSGiTech – Nexmoo Centre of Excellence (Mobile and IoT)

Nexmoo Centre of Excellence (Mobile and IoT) was inaugurated by Mr. S. Pandiarajan, Managing Director, Nexmoo Solutions India Pvt. Ltd at the respective labs. He informed that Nexmoo creates unparalleled mobility solutions that empower their customers in realizing their vision. Kicking off with Symbian based mobile apps, their mobility solutions expertise has grown up to match the needs of all the major smart phones and tablets today and they are one of the leading mobile app development company in Chennai, India. Exhibiting their technical prowess in Windows, Android and iOS, their team of experts has transformed the mobile app development into a business realistic solution which is to be called enterprise mobility. Nexmoo Centre of Excellence is planning to conduct training programs, workshops and internships for students in Mobile application development and Internet of Things field. Students will be able to do projects under the guidance of Nexmoo personnel based on which placements of final year students would be done with the same company. A test bed worth Rs. 1,00,000/- is provided by the company which would be used in this regard.



Mr. S. Pandiarajan, Managing Director, Nexmoo Solutions India Pvt. Ltd inaugurating the Nexmoo Centre of Excellence (Mobile and IoT) in the presence of Shri. L. Gopalakrishnan, Managing Trustee, Dr. P. V. Mohanram, Principal, PSG iTech and Dr. Radhakrishnan Nair, Director, PSG IAS

Bentley Institute Academic Hub

PSG Institute of Technology and Applied Research, Coimbatore and Bentley Systems, USA have collaborated to setup the PSG iTech-Bentley Institute Academic Hub with cutting-edge industry-relevant software catering to diverse sub-domains of Civil Engineering. The PSG iTech-Bentley Institute Academic Hub was inaugurated by Mr. Vinayak Trivedi, Vice President and Global Head, Bentley Institute in the presence of Shri. L. Gopalakrishnan, Managing Trustee, PSG & Sons Charities. Dr. P.V.Mohanram, Principal welcomed the gathering and Dr. M.I.Abdul Aleem, HoD of Civil Engineering elaborated about the facilities available in the Hub. Dr. B. Ramamoorthy, Advisor-Academic, PSG Institutions, Mr. R. Arun Kumar, National Manager – Academic India, Academics, Bentley, Mr. Anurag, Relation Manager, South India, Bentley, Mr. Rajesh, Manager and ARK Info solutions, channel partner for Bentley Systems delivered the felicitations. The PSG iTech-Bentley Institute Academic Hub is the industry-driven Center of Excellence in Civil Engineering and among the first few in South India. It will provide access and training to students and faculty members to over 50 world-class software products from the Bentley list including the popular STAADPro, MxRoad, Context Capture and Micro Station among others. These software packages have been used in the design and development of world-renowned

infrastructure projects from the world's largest malls in Dubai and Metro projects in India. Speaking on the occasion, Mr. Vinayak Trivedi provided an overview of Bentley Systems and its philosophy. Dr. G. Chandramohan, Vice Principal proposed the vote of thanks.



Inauguration of Bentley Institute Academic Hub by Mr. Vinayak Trivedi, Vice President and Global Head, Bentley Institute on 10.05.2018

5.(a) Achievements of staffs (awards, recognitions)

Faculty Award Function 2017

The Faculty Award Function 2017 was held on 5th April 2017. Dr R Rudramoorthy, Principal, PSG College of Technology was the guest of honor for the faculty awards function. 55 faculty were recognized for producing 100% pass percentage in their courses since inception. Selfless service awards were distributed to 25 non-teaching staff and 14 teaching staff, for their significant contributions in various development activities of the institution. Excellence awards were distributed to 10 faculty for their efforts in establishing CoE & Labs. 3 faculty had completed their Ph.D and 1 faculty had guided Ph.D students and were honored during the above function.



Fig 3: A Student receiving an honor from the Managing Trustee Shri L Gopalakrishnan on 5th April 2017

Faculty Award Function 2018

Faculty award function 2018 was conducted on 31st Jan 2018 (Wednesday). Cash price of Rs 30,000/- in total sanctioned by management is given to 59 faculty members based on points they scored in the following categories.

- Publication of Technical Papers in International/ National Journals.
- Research Project sanctioned.
- Ph.D Awarded to Faculty
- Ph.D Guided
- Faculty Development Programmes / Workshop / Training Programmes conducted.
- Publication of books/Contribution of chapters
- Online Courses Completed

Dr P Vetrivelan, Associate Professor, Dept. of ECE has got the highest points (42) and won the cash price of Rs 2400 for his contribution in publishing 7 international journal papers (5 in Scopus indexed journals) and conducting 2 value added courses.



Dr T Hamsapriya receiving the award from the Chief Guest Dr S Ramalingam, Dean PSG IMSR, also seen from L to R Dr G Chandramohan, Vice Principal and Dr PV Mohanram, Principal

NPTEL Online Courses Completed by Faculty

Nearly 100 faculty members have successfully completed NPTEL online courses during this reporting period.

Faculty Members Registered for Ph.D (12 Faculty)

S. No.	Name of the Faculty	Department	Date of Registration
1	Mr P Balakumar	Civil	08.12.2017
2	Mr P Muruganandan		28.06.2017
3	Ms R T Anitha Rane		28.06.2017
4	Mr Nanthakumar S	Mechanical	05.01.2017
5	Mr Prem Kumar T		27.06.2017
6	Mr Nagarjun J		08.12.2018
7	Mr Gopalakrishnan C		08.12.2018
8	Mr Anandhakumar K	EEE	15.12.2017
S. No.	Name of the Faculty	Department	Date of Registration

9	Mr Jothibas M	ECE	28.06.2017
10	Ms Deepa M		22.01.2018
11	Mr Venkatesh D		22.01.2018
12	Dr Pramila K*	English	16.06.2017

*— Registered for her second Ph.D

Ph.D. Guided (5 Scholars)

The following faculty have guided Ph.D. students:

S.No	Name of the Faculty	No. of Students	Name of the Student
1	Dr. P.V. Mohanram, Principal	2	Dr. Kathiresan Dr. Mahendrakumar
2	Dr. G. Chandramohan, Vice Principal	2	Dr. T.R. Uma Dr. Sunil D Majagi
3	Dr. D. Elangovan, Professor/Mechanical	1	Dr. S. Gobinath

Young Faculty Achiever Award

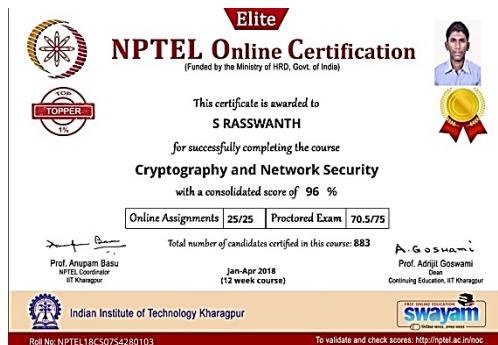
“Young Faculty Achiever Award” from Engineering Professional Society was awarded on 06-05-2018 to Dr Rajeshkumar, AP(Sr.Gr), Mechanical Engineering. Out of around 200 nominations only 20 nominations were shortlisted and awarded. Mr.J.Vikram, Chairman, Engineering Professional Society scrutinized the nominations contributions to the Department, College and Society, workshops, seminars, STTP, FDP and value added course organized, laboratory establishment, good number of recent publications in SCOPUS indexed journals, active membership in various professional societies etc.



Young Faculty Achiever Award to Dr Rajeshkumar, AP(Sr.Gr), Mech Engineering

5.(b) Achievements of students(academic)

- ❖ **Ms Maria Karen Joshua** of I B E Computer Science Engineering, secured **9.84 CGPA** in 1st semester (Dec 2018 Anna University exam)
- ❖ **Mr Rasswanth S** of I B E Computer Science Engineering attended the **NPTEL** course Cryptography and Network Security on Jan to April-2018(12 weeks course) and secured **96 %** and recognised as **top 1% of candidates. He got 3rd rank out of 883 certified students.**



- ❖ **CSE department & ICT Academy** have organized **24 hours non-stop Student Championship 2018** (Learnathon) from **2nd February 2018** to **3rd February 2018**. **132 students** have actively participated in the event. The top three students were given prizes for their achievement.
1st prize Nikeshh .V, III BE CSE, 2nd Prize, Shanmaa .S, III BE CSE and 3rd Prize: Ranga Harshini .R, III BE CSE



Dr P V Mohanram, Principal wishing the student participants

- ❖ **EEE dept.** has organized a one-day project exhibition on **27th January, 2018**. Nearly **60 students** of **2nd and 3rd year** have **demonstrated their projects**.
- ❖ The following students are representing PSGiTech in the **Smart India Hackathan2018 - Hardware edition Grand Finale**, being held at Chandigarh, on June 17, 2018 and they will be showcasing their innovation.
 1. Nishanth S (715515106035)
 2. Ranjith Kumar N (715515106042)
 3. Samyuktha Priyadarshini V G (715515106043)
 4. Shreya C C (715515106050)
 5. Srinidi S S (715515106052)
 6. Vibashini G (715515106057)
- ❖ **Mr Prashuk Jain (Reg No. : 715516114037)** of II year BE (Mech), has been invited to attend International Summer Course on “**Entrepreneurship and Innovation for Social Impact**” being held at **University of Glasgow Caledonian , Scotland** during summer 2018.
- ❖ Student project exhibitions were held in the departments of EEE and ECE, where the students of III year demonstrated their design and development work and shared them with their juniors and motivated them.



Students of ECE department demonstrating their projects on 17.03.2018

5. CSR Activities/NSS/NCC

PSG iTech NSS team had visited the DEAF AND DUMB SCHOOL at Thekkalur, on 24th September 2017, which was officially declared as NATIONAL SERVICE SCHEME DAY. The NSS volunteers had started early at the morning around 9.00 am to reach the orphanage. The differently-abled people from that school greeted the NSS volunteers with warmness. At first the instructor had introduced PSGiTech students to the people in sign language. SIGN LANGUAGE helps these deaf and dumb people to communicate with each other. The NSS team had already planned to conduct fun events at the orphanage so that the people will feel at home. So, the boys were trained to play sport events like volleyball, throw ball along with the NSS volunteers.



PSGiTech NSS Team visited the Deaf & Dumb school at Thekkalur on 24th September 2017

Blood Donation Camp:

The Youth Red Cross (YRC) Society has organized blood donation camp in association with Shanthi Social Services, Coimbatore in the college premises on September 21, 2017. Dr. P.V Mohanram, Principal, inaugurated the camp and Mr. Suresh Babu, Blood Bank Division Shanthi Social Services congratulated the students and faculty members for coming forward to organize this event. After the meticulous screening by the doctor's team, the donor's blood has been collected. There are 122 donors (118 Students and 4 Faculty) of PSG Institute of Technology and Applied Research (PSG iTech), have donated blood in this camp. Dr. P.V. Mohanram, Principal, extended his sincere thanks to doctors team from Shanthi Social Services for their support and congratulated the YRC team for organizing an event of social benefit and also assured to support for similar events in the days to come. Mr. M. Sathiyathan, YRC Program officer appreciated the initiative taken up by the students of PSG iTech and also assured to extend support for similar activities in the institute in future.



**Blood Donation Camp conducted by Youth Red Cross Society of PSGiTech
in association with Shanthi Social Services**

Guest Lecture on Stress Management

A Guest Lecture has been organised jointly by NSS and Wellness Centre on the topic “Stress Management” by Dr. N. Shunmugom, Ph.D, Head – Department of Tamil, Shri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, on 17/02/2018 (Saturday). Around 70 NSS Volunteers and 25 Faculty members were attended the program and got benefitted. He taught simple varma points for handling tension, headache, leg pain etc.



**Dr G Chandramohan, Vice Principal giving away the memento to the chief guest
Dr. N. Shunmugom, Ph.D , Head – Department of Tamil, Shri Ramakrishna Mission Vidyalaya College of Arts
and Science, Coimbatore for “Stress Management” on 17th Feb 2018**

NSS Camp atKumarapalayam:

A Seven Day Special NSS Camp at Kumarapalayam, Annur from 5/12/2017 to 11/12/2017 was conducted. The first day of the camp was inaugurated by the Principal Dr.P.V.Mohanram and the last day was concluded by the Vice Principal Dr. G. Chandramohan.



Student of PSGiTech teaching Bharathanatyam to school students at NSS camp Kumarapalayam

The camp commenced with a pooja on the first day. The work included painting of compound wall, teaching to school students and organizing Medical Camp for the people and conducting sports events for school students. The NSS volunteers painted the whole school and a Gandhi Mandapam located at Sokkapalayam located near this village. The sports day was conducted on Saturday and all the school students had participated in the events. The doctors from PSG Hospitals visited the camp and conducted a health check-up and provided free medicines. Nearly 150 people attended and benefitted from the Medical Camp.

NSS Camp at Kulathur:

A Seven day NSS camp was set up in Kulathur village of Coimbatore district from 06th Dec 2017 to 12th Dec 2017. NSS team adopted the village for a week and did all that NSS could for the betterment of the place and its people. A healthy body and a healthy mind is necessary for a healthy individual. Yoga was taught to the students early in the morning and they performed yoga every morning.

The NSS volunteers taught Maths to the students in the Kulathur Government School. Few games were conducted for the same students and prizes were distributed. A Medical Camp was organized with the help of PSG Institute Sciences and over 104 natives were benefited.



of Medical
Research and
of the village

Nature club

Nature NSS students of PSG iTech teaching maths to school students at Kulathur camp vity that combines jogging and picking up litters. About 32 students participated in the activity, who was guided by staffs namely Mr Nagarjun J, Mr Gajendran P and Ms Sowmiya M. The students together with staff **plogged** the area of Neelambur.



The students and staff participants of plogging activity.

Thus through an activity, the students were taught with the **importance of fitness and keeping the area green**. Students realized “**Protect Nature and Nature will Protect you**”

Rally on Wheels

Students of PSGiTech participated in the “Rally on Wheels” held on 22nd April 2018. The moto of this rally is to create awareness on water resources and to end plastics. The members of NCC planned a trip on Earth day, it was an awareness programme to “end plastics and pollution”. The half day trip was facilitated by the faculty members Mr. Muruganantham



(CIVIL), Gajendran (MATHS), Nagarjun(MECH) , Priscila(CIVIL) , Sudhakar(CSE).There were 15 cycles and 3 motor cycles used in this trip.

Dengue Awareness Campaign - 2017

The ECO Club of PSGiTech organized dengue awareness campaign in Boluvampatty on 15th October 2017. Dengue cannot be prevented by giving vaccine, but its spread can be controlled through awareness campaign among the public. A door-to-door dengue awareness campaign was conducted. The students gave out hand-outs and briefed them about the disease, its effects, symptoms, remedies and control measures. The people appreciated the students for their committed work and assured them that they would follow the preventive measures suggested by the students.



Dengue awareness programmeme was conducted by PSG iTech students at Boluvampatti, Coimbatore on 15.10.2017

PSGiTech students participated In the Anna University Zone IX – Athletics (Men & Women) Tournament and won the following prizes



From Left to Right Standing:

- 1.Avinash.J(IV MECH) Decathlon(10 Track and Field Events) IV - Place,
2. Kousalya.T.T (III ECE) Longjump II – Place,
3. Sruthi.S (III CSE) Highjump I – Place,
- 4.Swetha.S (IV CSE) ShotoutI – Place & Discus III – Place.

PSGiTech student Mr Sakthi Vighnesh.S.A participated in the 5th South Zone Sepaktakraw Championship – 2017 held on 30.08.2017 at Vijayawada,



Sakthi Vighnesh.S.A (III MECH) secured I Place in 5th South Zone Sepaktakraw Championship – 2017

PSGiTech student, Mr Paul Anand participated In the 43rd Tamilnadu Shooting Championship – 2017, held on 12th to 16th July 2017 at Veerapuram, Chennai and he won the following distinction



Mr Paul Anand. S, I Civil won first place in 25m Standard Pistol Jr. Men and 25m Standard Pistol NR Jr. Men, second place in 25m Centre Fire Pistol NR Jr. Men and II Place 25m Centre Fire Pistol Jr. Men

PSGiTech students participated In the ANNA UNIVERSITY ZONE – IX- TABLE TENNIS (Men) and won III Position



**(From left to right Standing) Mr. R. Krishna (I MECH), Mr. R. Surendar (III EEE)
Mr. S. Harinath (III MECH), Mr. S. Srivatsan (II EEE), Mr. P. Ram Prakash (III CSE)**

PSGiTech students participated In the ANNA UNIVERSITY ZONE – IX- BADMINTON (Men) and won III Position



(From left to right Standing)) Mr. M.L. Jothi Saravanan (III MECH), Mr. B. Vignesh (III ECE)

PSGiTech students participated In the ANNA UNIVERSITY ZONE – IX BADMINTON (Men) and won III Position



(from left to right Standing)) Mr. S. Afrid Shah (III CIVIL), Mr. S.R. Sanjaiyan (III CIVIL), Mr. B. Vignesh (III ECE), Mr. R. Aravindhan (III MECH), Mr. M.L. Jothi Saravanan (III MECH)

8. Projects sanctioned

Skill Development Course on Plumbing (General)

A Skill Development Course on Plumbing (General) under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) scheme was inaugurated on 14th December 2017. Shri. D.Muralidhar, Associate Dean, Higher Education and College of Coimbatore guest. The under the 2, 59, 200/- are course.



Training, PSG Technology, was the chief fund received scheme was Rs 20 participants undergoing the

A part of the Plumbing Lab and its components

AICTE-ISTE Refresher Programme

ISTE has sanctioned Rs 3 Lakhs to conduct AICTE-ISTE Refresher Programme on Horizontal Integration of various elements of Pedagogy in Engineering Education which will be held during 4th June to 9th June 2018. Dr G Chandramohan, Vice Principal and Dr K Balaji, AP (Sr.Gr), Chemistry are the Co-ordinators for the Faculty Development Programme.

9. Renowned visitors

- (i) **Dr. Rahul Singh, Associate Professor, Information Systems and Supply Chain Management, The University of North Carolina at Greensboro, USA** had visited PSG iTech on 5th December 2017 for an interactive session.
- (ii) **Shri V. Ramakrishna, Scientist ‘E’ from Naval Scientific and Technological Laboratory (NSTL), DRDO, Vizag,** had visited PSG iTech on 07th December 2017 for an interaction with the **faculty of Mechanical Engineering.**
- (iii) **Prof Prasad KDV Yarlagadda, Professor in Smart Systems, Queensland University of Technology** had visited PSG iTech on 10th January 2018 to interact with the **Head of the Departments regarding research activities.**
- (iv) **Mr. Ritesh Jain, Project Manager, Ebiz Suite Practices, Oracle India Development Centre, New Delhi,** was the **chief guest** for a **five days FDP** on **“Oracle Programming using PL/SQL”** from **15th May 2017** to **19th May 2017**
- (v) **Mr.V.S.Ramesh of Texas Instruments (TI) India university program,** delivered a guest lecture held on **26th July 2017** organized by ECE Association
- (vi) **Mr.K.K.Kamalakaran, Managing Director, Utracon Structural Systems, ,** was the **chief guest** for **One day workshop on Pre-stressed Concrete Elements** was held on **29th July 2017**
- (vii) **Dr.K.Divakar, Professor, Department of Civil Engineering, CIT, Coimbatore** has delivered a guest lecture on **“Shifting and Lifting of Existing building”** on **12th August 2017**
- (viii) **Dr Balaji, Professor, IIT Madras** was the **chief guest** **Design in Nature and Engineering** on **24th August 2017** organized by **Mechanical Engineering Association**

- (ix) **Prof Dr.Muhammed Basheer, Chair – Structural Division, University of LEEDS, UK** addressed the students of **Civil engineering on Advancements in Structural monitoring techniques** on **28th August 2017**
- (x) **Mr.Naresh, Scientist, Indian Space Research Organization, Bangalore** was the guest lecture on **Gateway to Career Opportunities** held on **27th August 2017**
- (xi) **Mr.Ravichandran, General Manager from Lakshmi Electrical Control Systems** was the guest lecture on **of Things in Industries**, on **16th August 2017** was organized by **CSE Department**
- (xii) **Dr.R.Jayapal, Former Additional General Manager, BHEL,Trichy** was the **chief guest for Inaugural function of ECE Association** was held on **18th August 2017**
- (xiii) **Mr.Prabhakaran** (End-to-End Management, Tata Consultancy Service (TCS)), **Mr.Arun** (Technical Manager – Big Data Analytics, Infosys), **Mr.Prashanth** (Data Science Engineer, Tech Mahindra) and **Mr.Senthil** (Associate Software Engineer, CTS). The resource persons for a two day workshop on **Big Data Analytics** were organized by the department of ECE on **25th August 2017 and 26th August 2017**.
- (xiv) **Mr. M. Sreevalsan, Head, Cisco Regional Academy Support Centre (South Zone)** was the chief guest for **The CSE Association** was inaugurated on **17th August 2017**
- (xv) **Mr. R. Muralidharan, Manager - Engineering services, ITC,** was the guest lecture on **Electric Drives** was organized by **EEE association** held on **24th August 2017**
- (xvi) **Mr. R. Madhusoothanan, Director - Dynatronix India Private Limited** was the guest lecture on **Industrial Automation** was organized by **EEE association** on **14th September 2017**
- (xvii) **Mr.T. Manickam, President, Indian Plumbing Association (IPA), Coimbatore** was the guest lecture on **“Effective Plumbing Works”** on **03rd October 2017**
- (xviii) **Dr.P.Ilango, Professor, School of Computer Science and Engineering, VIT University, Vellore,** was a Guest lecture was organized by the **CSE Association** on **11th October 2017**.
- (xix) **Prof.Prashant R. Nair, Honorary Treasurer, IETE Coimbatore Chapter, Amrita University** was the **chief guest for IETE student’s forum** was inaugurated on **14th October 2017**
- (xx) **Er.D.R.Sivakumar, Secretary, ACCE(I) Coimbatore Center** was the **chief guest for The Inaugural function of ACCE(I) Student Chapter** was held on **14th October 2017 in the Civil Engg. dept.**
- (xxi) **Mr.K.Kaviarasu and Mr.K.Karthikeyan from Entuple Technologies, Bangalore** was the **chief guest for five day faculty development programme on Electromagnetic, Microwave, RF and Antenna design** was organized by the Dept of ECE from **20th to 24th November 2017**
- (xxii) **Dr. K. Hariharan, Associate Professor, Dept of ECE, Thiagarajar College of Engineering, Madurai** was the **chief guest for A Three day workshop on Embedded System Design with AVR controller** was organized by the Dept of ECE from **06th Dec 2017 – 08th Dec 2017**
- (xxiii) **Dr. Nagesh R Iyer, Former Director, SERC, Chennai ADN Member, Syllabus Formulation Committee-AICTE** was the resource person for **Leveraging for Quality Education”** on **09th Dec 2017** organized by the Dept of Civil Engg, in association
- (xxiv) **Mr. Manoj Kumar Das, Senior Research Analyst, MuSigma, Bangalore** was the resource person for workshop on **Machine Learning using Python** on **22nd Dec 2017 and 23rd Dec 2017** organized by the Dept of ECE.
- (xxv) **Mr. Prajwal, Senior Android Developer, Mr. Raghavendra, Senior Android Developer and Mr. Rakesh, Senior Networks Engineer of Starworks Technologies Pvt. Ltd., Bengaluru** were the resource persons for **Five day Workshop on Application Development using Android** was held on **16th, 17th, 22nd, 23rd & 24th Dec 2017**

- (xxvi) **Dr. Anitha Nadarajan** of **PSG College of Technology** delivered a **Guest lecture** on **“Data Structures and Algorithms”** on **24th Jan 2018**
- (xxvii) **Dr. S. Vijayarangan**, **Former Principal** of **PSG College of Technology**, were the resource persons for Two Day Value Added Course on **“Introduction to Machine Drawing”** on **23rd Jan 2018 & 24th Jan 2018** organized by the **Dept Mechanical Engineering**
- (xxviii) **Dr R Lal Tummala**, **Professor and Chair**, **Electrical and Computer Engineering**, **San Diego State University** has addressed **ECE students** on **‘Higher education and Research’** on **24th Jan 2018**
- (xxix) **Dr. N. Muthukumaraswamy**, **Professor and Head**, **Department of Physics**, **Coimbatore Institute of Technology**, **Coimbatore** was the a guest lecture on **“Photovoltaics”** on **31st January 2018** organized by the **Science and Humanities Association**
- (xxx) **Dr. P Navaneethan**, **Former Prof & HoD (EEE)**, **PSG College of Technology** was the guest lecture on the topic **Able and differently Able persons** was held on **22nd February 2018**

10. Conferences/workshops/seminars

Workshop on Emotional Intelligence

A one day workshop on “Emotional Intelligence” was organized for the faculty and staff of PSGiTech on October 21, 2017. Dr. Deepa, Associate Professor of PSGIM was the resource person. Several staff and faculty members benefitted from the above interactive workshop.



Dr. Deepa, faculty of PSGIM conducting the workshop on “Emotional Intelligence” at PSGiTech on October 21, 2017

Workshop on ‘Reinforcement and Bar Bending’

A One day Workshop on ‘Reinforcement and Bar Bending’ was organized by the Civil Engineering Department on 27th January 2018 at PSG iTech. 51 Students from the third year Civil Engineering of PSG iTech and 9 students from other Engineering Colleges in Coimbatore attended the workshop. Resource person of the workshop was Dr M I Abdul Aleem, HoD (Civil Engg), PSG iTech.



**Inauguration of one day workshop on “Reinforcement and Bar Bending” by Dr M I
Abdul Aleem, HoD (Civil Engg.) PSG iTech on 27th January 2018**

Workshop

Department of ECE in association with Keysight Technologies has conducted a workshop on “Phased Array Design Simulation with Keysight solutions” on 7th February 2018. The workshop was inaugurated by Dr.P.V.Mohanram, Principal and Mr. Manish Dhruv, Regional Manager, Keysight Technologies. Mr. Pratik Khurana, Application Engineer, Keysight technologies explained the simulation of phased array baseband design with Systemvue software for various applications like 5G system, Radar and IoT. Mr. R.D. Mani Kumar, Application Engineer, Keysight technologies demonstrated the characterization of 5G signals with the help of Vector Signal Generator and Vector Signal Analyzer. Nearly 47 faculty members from various Engineering colleges across Tamilnadu and 20 students from ECE department attended the workshop.



**Mr. Pratik Khurana, Keysight Technologies explaining the simulation of
Phased array system in the workshop on “Phased Array Design Simulation
with Keysight Solutions”**

Guest Lecture on Stress Management

A guest lecture was organised jointly by NSS and Wellness Centre on the topic “Stress Management” by Dr. N. Shunmugom, Ph.D, Head – Department of Tamil, Shri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, on 17/02/2018 (Saturday). Around 70 NSS Volunteers and 25 faculty members attended the program and got benefitted. He taught simple varma points for handling tension, headache, leg pain etc.,.



**Vice Principal giving away a memento to the chief guest
Dr. N. Shunmugom, Ph.D , on 17th Feb 2018**

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Lecture on Abled and differently Abled persons

Guest Lecture on abled and differently abled persons was organized on 22.02.2018 at PSG iTech to sensitize the students about disability and rights of differently abled persons. Dr P Navaneethan, Secretary, SAARATHY PAMMAC (Parents Association of Mental and Mobility Affected Children) delivered an insightful presentation highlighting the issues faced by the parents of differently abled kids. He also covered in his speech the importance of treating these gifted children with empathy and tolerance. The programme was attended by 130 students.



**Dr. P Navaneethan, Former Prof & HoD (EEE) delivering his guest lecture on
“Abled and differently abled persons” at PSG iTech on 22.02.2018**

Workshop on ‘E TAB’

Two days Workshop on, ‘E TAB’ was organized by the Civil Engineering Department on 5th & 6th March 2018 at PSG Institute of Technology and Applied Research. Dr. M I Abdul Aleem, Professor and Head of Civil Engineering Department welcomed the gathering. The workshop was conducted by Er.R.Vivek Prasad, Senior Structural Trainer, CSI Engineering Software Pvt. Ltd, Bangalore. 25 students from the Third Year Civil Engineering of PSG iTech attended the workshop.



Er.R.Vivek Prasad, Senior Structural Trainer, CSI Engineering Software Pvt. Ltd, Bangalore while handling the session on 5th March 2018 along with the HoD, Dr. M I Abdul Aleem

Programme conducted by Wellness centre

As an initiative towards the improvement of the physical and mental well-being of the students and faculty, an interactive session, with Ms. Ishani Naidu, certified Ayurveda Health Educator, who served as an editor of magazine Hamsa as the guest speaker, was organized in PSG iTech on 06-12-2017, Wednesday. Nearly 70 girl students and several faculty members attended the above meeting and the faculty co-ordinators were Dr J Ezhil and Ms R Mangalam from the Physics department. She gave an overview of Ayurveda and highlighted the importance of natural cycles in the day- today life. She gave several valuable health tips with special focus on sleeping habits



Ms Ishani Naidu addressing PSG iTech students in the “Women’s Empowerment Forum” on 6th December 2017

Two day workshop on Transactional Analysis for Better Living (TA 101) From 23rd to 24th May, 2018 for faculty – 15 faculty attended the programme organized by Mr. I A Mohanraj, Certified Transactional Analyst, Director, Relations Institute of Development, Coimbatore.



Inauguration of two day workshop on Transactional Analysis for Better Living (TA 101), on 23rd May 2018 at 9:30 am. Chief Guest: Mr. I A Mohanraj, Certified Transactional Analyst, Director, Relations Institute of Development, Coimbatore.

The DST and PSGSTEP sponsored three training Programme “ENTREPRENEURSHIP AWARENESS CAMP” was held at PSGiTECH campus from 21.12.2017 to 23.12.2017.



Mr R.Krishna Kumar of PSG CAS and Dr.R. Jagajeevan of PSGIM coordinated the session on 21.12.2017



Participants of the Entrepreneurship Awareness Campvisiting the **Incubation facility** available at
PSG Tech, Peelamedu on 23.12.2017

- The Department of **Computer Science and Engineering**, organized a **five days FDP** on “**Oracle Programming using PL/SQL**” from **15th May 2017** to **19th May 2017**. **Mr. Ritesh Jain, Project Manager, Ebiz Suite Practices, Oracle India Development Centre, New Delhi** was the **chief guest** of the programme. There were **39 participants** from various colleges which included **5 participants from PSG iTech** and **5 participants from colleges outside Tamil Nadu**.
- The **Department of Computer Science and Engineering** along with **ICT Academy** organized a **two day Faculty Workshop** on “**Salesforce Trailhead**” from **15th June 2017** to **16th June 2017**. There were **92 participants** from various colleges which included **6 participants from PSG iTech** and **2 participants from colleges outside Tamil Nadu** and were trained by **Mr. Harish and Team**.
- A talk was delivered by **Mr.V.S.Ramesh of Texas Instruments (TI) India university program** on **26th July 2017** organized by ECE Association. **120 students** attended the programme.
- **One day workshop** on **Pre-stressed Concrete Elements** was held on **29th July 2017**. The **chief guest** of the programme was **Mr.K.K.Kamalakannan, Managing Director, Utracon Structural Systems**. **100 participants** were benefitted.
- **Dr.K.Divakar, Professor, Department of Civil Engineering, CIT, Coimbatore** delivered a guest lecture on “**Shifting and Lifting of Existing building**” on **12th August 2017**. **120 students** have **participated** in the lecture.
- The **Mechanical Engineering Association** organized a guest lecture on **Design in Nature and Engineering** on **24th August 2017**. **Dr Balaji, Professor, IIT Madras** was the **chief guest**. **48 Students** attended the **programme**.
- **Prof Dr.Muhammed Basheer, Chair – Structural Division, University of LEEDS, UK** addressed the students of **Civil engineering** on **Advancements in Structural monitoring techniques** on **28th August 2017**. **60 students participated** in the programme.

- A **Guest lecture on Gateway to Career Opportunities** was organized on **27th August 2017**. **Mr. Naresh, Scientist, Indian Space Research Organization, Bangalore** was the chief guest. **60 students** attended the programme.
- A guest lecture on **Internet of Things in Industries**, on **16th August 2017** was organized by **CSE Dept. Mr. Ravichandran, General Manager** from **Lakshmi Electrical Control Systems** was the chief guest. **130 students** attended the lecture.
- **Inaugural function of ECE Association** was held on **18th August 2017**. **Dr. R. Jayapal, Former Additional General Manager, BHEL, Trichy** was the chief guest. **200 Students** attended the function.
- A two day workshop on **Big Data Analytics** was organized by the department of ECE on **25th August 2017 and 26th August 2017**. The resource persons for the program were **Mr. Prabhakaran** (End-to-End Management, Tata Consultancy Service (TCS)), **Mr. Arun** (Technical Manager – Big Data Analytics, Infosys), **Mr. Prashanth** (Data Science Engineer, Tech Mahindra) and **Mr. Senthil** (Associate Software Engineer, CTS). **40 students** attended the programme.
- A Special lecture on **Team Work for Placement Preparations** by CSE Association was conducted on **8th August 2017** by **CSE dept. Mr. Saravana Prabhu, SQC Lead, KLA Tencor Software India Pvt. Ltd. Chennai** was the chief guest. **60 Students** attended the lecture.
- The **CSE Association** was inaugurated on **17th August 2017**. **Mr. M. Sreevalsan, Head, Cisco Regional Academy Support Centre (South Zone)** was the chief guest. **72 students** participated in the function.
- A guest lecture on **Electric Drives** was organized by **EEE association** on **24th August 2017** by **Mr. R. Muralidharan, Manager - Engineering services, ITC, Paperboards and Specialty Papers Division, Mettupalayam**. **150 students** attended the lecture.
- A guest lecture on **Industrial Automation** was organized by **EEE association** on **14th September 2017** by **Mr. R. Madhusoothanan, Director - Dynatronix India Private Limited**. **150 students & 10 faculty** participated in the lecture.
- The Dept of Civil Engg. has conducted a Seminar on **“Effective Plumbing Works”** on **03rd October 2017**. **Mr. T. Manickam, President, Indian Plumbing Association (IPA), Coimbatore chapter** was the chief guest. **120 students** have attended the seminar.
- A one day **workshop on Advanced Surveying using Total Station** was organized by Civil Engg Association on **07th Oct 2017**. **Mr. Raju, Senior Engineer** and **Mr. V. Karthick, Assistant Engineer, Electro Optics Private Limited, Chennai** were the resource persons for the workshop. **65 students** attended the workshop.

- A Guest lecture was organized by the **CSE Association** on **11th October 2017**. **Dr.P.Ilango, Professor, School of Computer Science and Engineering, VIT University, Vellore** was the chief guest. **120 students and 10 faculty** attended the lecture.
- **IETE student's forum** was inaugurated on **14th October 2017**. **Prof.Prashant R. Nair, Honorary Treasurer, IETE Coimbatore Chapter, Amrita University** was the **chief guest**. **40 students** attended the function.
- The **Inaugural function of ACCE(I) Student Chapter** was held on **14th October 2017 in the Civil Engg. dept.** **Er.D.R.Sivakumar, Secretary, ACCE(I) Coimbatore Center** was the chief guest. **55 students** participated in the function.
- A One Day Workshop on **Testing Facilities at PSG Techs COE INDUTECH** was organized on **16th October 2017**. **Dr. G. Thilagavathi, HoD (Textiles), PSG College of Technology** was the chief guest **32 faculty members** of PSG iTech attended the workshop.
- A Workshop on **Scholarly Publications Citation Analysis, Scopus & Google Scholar** was organized on **8th November 2017** by the **Library Section** and **15 faculty** were exposed to the latest developments.
- A five day faculty development programme on **Electromagnetic, Microwave, RF and Antenna design** was organized by the Dept of ECE from **20th to 24th November 2017**. **Mr.K.Kaviarasu and Mr.K.Karthikeyan from Entuple Technologies, Bangalore** were the trainers. **23 faculty members** from various colleges participated.
- A **Three day workshop** on **Embedded System Design with AVR controller** was organized by the **Dept of ECE** from **06th Dec 2017 – 08th Dec 2017**. The resource person for the programme was **Dr. K. Hariharan, Associate Professor, Dept of ECE, Thiagarajar College of Engineering, Madurai**. **4 faculty and 40 students** attended the programme.
- The Dept of Civil Engg, in association with **Indian Society for Technical Education (ISTE)** has conducted a Guest Lecture on **“Leveraging for Quality Education”** on **09th Dec 2017**. **Dr. Nagesh R Iyer, Former Director, SERC, Chennai ADN Member, Syllabus Formulation Committee-AICTE** was the resource person. **60 faculty members** attended the lecture.
- The Dept of ECE organized a workshop on **Machine Learning using Python** on **22nd Dec 2017 and 23rd Dec 2017**. **Mr. Manoj Kumar Das, Senior Research Analyst, MuSigma, Bangalore** was the resource person. **40 students** attended the workshop.
- A **Five day Workshop** on **Application Development using Android** was held on **16th, 17th, 22nd, 23rd& 24th Dec 2017**. **Mr. Prajwal, Senior Android Developer, Mr. Raghavendra, Senior Android Developer and Mr. Rakesh, Senior Networks Engineer of Starworks Technologies**

Pvt. Ltd., Bengaluru were the resource persons. **70 students** and **2 faculty** participated in the workshop.

- **Dr. Anitha Nadarajan** of **PSG College of Technology** delivered a **Guest lecture** on **“Data Structures and Algorithms”** on **24th Jan 2018**. **60 students** attended the lecture.
- The **Dept. of Mechanical Engineering** has conducted a Two Day Value Added Course on **“Introduction to Machine Drawing”** on **23rd Jan 2018 & 24th Jan 2018** for the **I year Mechanical Engineering students**. The Resource Person was **Dr. S. Vijayarangan, Former Principal of PSG College of Technology**.
- **Dr R Lal Tummala, Professor and Chair, Electrical and Computer Engineering, San Diego State University** addressed **ECE students** on **‘Higher education and Research’** on **24th Jan 2018**. **60 students** attended the programme.
- **Science and Humanities Association** has organized a guest lecture on **“Photovoltaics”** on **31st January 2018**. **Dr. N. Muthukumaraswamy, Professor and Head, Department of Physics, Coimbatore Institute of Technology, Coimbatore** was the speaker.
- A One day Workshop on **‘Reinforcement and Bar Bending’** was organized by **Department of Civil Engineering** on **27th January 2018**. **51 Students** from **III Year Civil Engineering** and **9 students** from other **Engineering Colleges** attended the workshop.
- **Department of ECE** in association with **Keysight Technologies** conducted a workshop on **“Phased Array Design Simulation with Keysight solutions”** on **7th February 2018**. **47 faculty members** from various Engineering colleges and **20 students** from **ECE department** attended the workshop.
- **EEE dept.** organized a one-day project exhibition on **27th January, 2018**. Nearly **60 students** of **2nd and 3rd year** demonstrated their projects.
- The **astronomy club** has arranged a special sky gazing session on **31st January 2018 (Lunar Eclipse)** for the **students, faculty, staff and family** of **PSG iTech** to witness the rare celestial event which the NASA named as **"Super Blue Blood Moon"**.
- **EEE Association** has organized a guest lecture on **"BLDC Fans and Drives”** on **27th February 2018**. **Mr. R. Mahendran, Assistant Manager, Versa Drives Private Limited** was the **chief guest**. **200 students** participated in the lecture.
- The faculty members **Mr. C. Gopalakrishnan** of Mechanical Engineering Department and **Mr. Gajendran** of Mathematics department had attended the **International Conference on “The Greatness of India”** on **3rd and 4th Feb 2018** at **Sri Ramakrishna Mission Vidhyalaya College of Arts and Science, Coimbatore**.

10. Others

Daksha : 2017-Annual Day

PSG Institute of Technology and Applied Research celebrated its 3rd Annual Day, DAKSHA: 2017 on 8th April 2017. The Vice Principal Dr. G. Chandramohan welcomed the chief guest Dr. P. Selvaraj, Technology Director Aeronautical Development Agency, Bangalore. The chief guest congratulated the faculty members and students of the college for securing the first rank in each of the five successive semester examinations conducted by Anna University, right from the inception in June 2014. The chief guest focused mainly on the topic “The Role of Computers in Next Generation Industrial Era”. He also informed the audience about the excellent research facilities available in public sector organizations, such as Aeronautical Development Agency. Principal Dr. P. V. Mohanram presented the annual report for the academic year 2016 - 2017. He highlighted the achievements of faculty members in the publication of research papers and the awards won by students in competitions such as Smart India Hackathon 2017, Electric Kart Vehicle and Electric Formula Race Car. More than 150 awards were presented to students for academic achievements and staff for selfless service under NSS, YRC and other associations. In the end, as part of cultural programme, students entertained the audience with Carnatic music, light music and dances.



Principal Dr P V Mohanram presented the memento to the Chief Guest, Dr P Selvaraj, Technology Director, Aeronautical Development Agency, Bangalore on 8th April 2017

Dhaksha: 2k18 – 4th Annual Day

PSG Institute of Technology and Applied Research celebrated its Fourth Annual Day on Wednesday, the 28th March 2018 amidst great zest, vibrancy and elation. The Chief Guest of the function was Mrs. Suguna Ravichandran, Partner, M/s. N R D Associates, Coimbatore. The Principal, Dr. P.V. Mohanram, welcomed the gathering and presented the Annual Report during the occasion. While speaking at the occasion, the chief guest said that “A leader should be able to see the future clearly well before anybody else could. As an engineering graduate each and every one should invest on developing the communication skills which will helps to motivate people. The Chief Guest while addressing the gathering was superlative in her appreciation of the students, faculty and management. She lauded the vision and the relentless hard work done by students and their mentors in building this institution as one of the best, in a very short period of time. Various awards were given to students, staff and faculty members. The PSG Venkatasamy Naidu Memorial Awards (Best Outgoing Student Awards) were given to Ms. Sujanya of ECE Department in the women’s category and Mr Navaneetha Krishnan of Civil Department in the men’s category.



Dr P V Mohanram, Principal, PSG iTech presenting the memento to the chief guest Mrs. Suguna Ravichandran, Partner, M/s. N R D Associates, Coimbatore on 28th March 2018

Alumni Induction Programme- 2018

The Alumni Induction Programme for the first batch of students was organized by PSG Institute of Technology and Applied Research on 17th April 2018. The event was attended by about 350 final year students, and faculty members. The Principal Dr. P V Mohanram welcomed the gathering and presided over the function. The chief guest, Dr. G. Ranganathan, Director, Rover Components Ltd, Coimbatore, emphasized the importance of alumni network. He mentioned that PSG Institutions in addition to setting benchmarks in teaching and learning process, and research and development activities have also excelled in the development of Alumni network. Dr. M. Sundaram, Treasurer, Alumni Association, PSG College of Technology explained the activities being carried out. Dr. K Suresh Kumar, Executive Director, PSG STEP, motivated the students to be entrepreneurs and explained the financial support available. The final year students Mr. C V Kiruthik Baalaji of civil engineering and Ms. S Sujanya of ECE shared their college experience. The student coordinators for 2014-18 batches, Mr. R Aravind (Civil), Mr. O Lokeshwar (CSE), Mr. R. Vasu (ECE), Mr. R Girishankar (EEE) and Mr. G Vijay Jayaram were introduced. The chief guest presented the best final year project awards.



Students of III BE (Civil) who received second prize (Rs.15000) in 2nd INAE Youth Pre-Conclave Competition in the discipline "Town Planning" held at IIT, Kharagpur during 23rd, 24th March 2018

ISTE Best Student Award

Second Year B.E. Civil Engineering Student Ms. G. Sahithya was selected as the Best ISTE Student of PSG Institute of Technology and Applied Research, Coimbatore for the academic year 2017-2018. The award was presented to her during the “17th ISTE Tamilnadu Section Students Convention – 2018” on 10th April 2018 at Tagore Engineering College, Chennai, by the ISTE, Tamilnadu and Pondicherry Chapter.



ISTE- Best Student Award, given to Ms. G. Sahithya of III year BE (Civil), at the ISTE Convention held on 10th April 2018 at Tagore Engineering College, Chennai, by the ISTE, Tamilnadu and Pondicherry Chapter

Electric Kart (EKGDC) Vehicle by Mechanical & EEE students

The Students Team Velocita Racing (kart team) comprising of 25 students from both Mechanical and Electrical Disciplines have involved in designing and fabricating a E-Kart to compete in the event of E-GKDC (Electric Go Kart Design Challenge) organized by ISNEE. The team was subdivided into various Subsystems namely the Design, Steering, Brakes, Electrical, Transmission and Managing Team. The Team was shortlisted from Various teams all over India after the many Preliminary Online Rounds. There were little corrections in the vehicle noted in the INHOUSE Technical Inspection which the students were managed to rectify it. The team not only concentrated on the Technical Stuff but also on the Business Plan which included the Marketing Strategies, Competitor Analysis, Break Even Periods etc. The Final Round was held at Kari Motor Speed way, Coimbatore for 5 continuous days dated from 12-02-2018 to 16-02-2018. On the first day, Team Registration and Pit Allocation had happened. On the consecutive days the teams went for Technical Inspection, Dynamic Events such as Brake test, Auto cross, Skidpad test, Business plan, Design Evaluation and finally with Endurance test result. The team had also got the appreciation for its Best Design considering the ergonomics at the prior Part. After all

Qualification tests at the final round only Two Teams were Eligible for the dynamic events. After all the successive rounds, the team stood with highest no. of points , Finally Grabbing the title “Champions – EGKDC ” and also with two other titles namely “Best Autocross”&“Best Skidpad”. They also had won a cash prize of Rs 80,000/- from the organizers.



Students along with the faculty members and Principal Dr P V Mohan Ram, PSG iTech with the Championship Cup for Electric Kart Vehicle (EKGDC)

Report of Formula Green Vehicle by Mechanical students

Mechanical Engineering students team Velocity Racing, consisting of 35 students, 26 from Mechanical and 9 from the Electrical department participated in the 3rd Formula Green held in Kari Motor Speedway, Coimbatore representing PSG Institute of Technology and Applied Research. The All-India Level competition was held from 12th February to 16th February. Formula green is a formula electric race car design competition conducted by ISNEE (Indian Society of New Era Engineers). The five



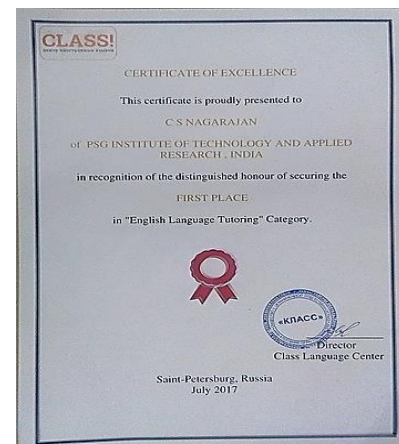
day long event, was filled with many static events like design evaluation, cost report analysis, dis-assembly and assembly, and with dynamics events like acceleration test, skidpad test, autocross and endurance. The car specifications were 20kW BLDC Motor, with a peak torque of 160 Nm and a maximum speed of 3800 rpm. The team were 4th in design evaluation, 4th in cost report and 5th in business plan out of the 6 teams. It was a great learning experience for the team, where the students have applied the concept, and also learnt new concepts.

Mr. Selvavishnukumar, Mr. Kishore, Mr.Arunsundar, Mr. Hashwanth, Mr. Kartiban, Mr.Veerakamu with FG Electric vehicle at Kari motor speedway Coimbatore

11. International Student Exchange

Internship Report of Our Student C S Nagarajan through AIESEC in Russia:

AIESEC is the largest youth run NGO that is in consultative status with the United Nations and works towards achieving the Sustainable Development Goals of United Nations. It provides leadership development and cross cultural internships across the globe to have a positive impact on society. Mr C S Nagarajan, III B.E. Mechanical Engineering has applied for the Global Volunteer Internship through AIESEC in the last week of April. The first round for selection consists of sending answers for the questions given by recording a video. The second round consists of a video interview. After clearing both the rounds, he was selected among 25 other interns across the globe for the internship in Saint Petersburg, Russia.



Certificate received by Mr C S Nagarajan III B.E. ,(Mech) for first in Class International Language Centre in English Language Tutoring



Mr. C S Nagarajan III B.E., Mech (Extreme right) along with interns from Turkey , France , China , Switzerland , Spain , Thailand along with his Project Manager in Saint Petersburg Local Committee

Internship Report of Our Student Umasundar (II Year) and Mohamed Abubucker (IV Year) Mechanical Engineering department in Glasgow Caledonian University UK:

Our Students, Mr A Umasundar (II Year) and Mr M. Mohamed Abubucker (IV Year) of Mechanical Engineering department went for an internship during 17th July to 28th July 2017 to Glasgow Caledonian University UK. Their entire program was divided into two phases as different aspects of a culture and industrial case studies and Leadership and Project Management. Each day was divided into two sessions (occasionally three) the morning sessions was generally a bit theoretical and was handled by

Miss.Kate and the AN sessions by Dr.Marget had a lot to do with applying what we learnt in the morning sessions via activities from the morning sessions. The evening session (if we had one) would be the continuation of AN session.



**Certificate received by Mr.A Umasundar II B.E.,
Mech for successfully completing
theInternational Summer School Course**



**Mr. A Umasundar II B.E., Mech along with his
trainer**

NI YANTRA 2K17 ANNUAL STUDENT DESIGN CONTEST

NI YANTRA 2K17 Annual Design Contest finals was held on 25th October 2017. Four Students of final year ECE, PSG iTech were one of the top 25 finalists in NI Yantra 2K17 finals held at ITC-Gardenia, Bangalore and demonstrated their project SCAF (Swim Climb and Fly)robot which is a surveillance robot capable of swimming, climbing wall navigating in land and flying. The idea of the project was inspired from the suffering of public during Chennai floods in the year 2015.



The team with the SCAF robot at NI Yantra Contest

Report on Participation on NI Days 2017

NI Days 2017 was held for two days on 25th and 26th October 2017 in ITC Gardenia, Bangalore. It was attended by many NI Dignitaries, Industrial Experts and Faculty members from various prestigious institution across India. Several speakers delivered lectures on various topics. The lectures enlightened the students on the various technologies available for measurement and test. 3 faculty members and 3 students attended the NI day.

The following key points were learnt from the programme:

- ✓ The recent trends in the LabVIEW
- ✓ Considerations for building an Automated visual Inspection system
- ✓ Evolution of ADAS that include cameras, Radar and Sensor Fusion
- ✓ The ways to simplify system design using CompactRIO
- ✓ Connecting LabVIEW to IoT Platforms
- ✓ Validation of mechanical systems using hardware in the loop