



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Neelambur, Coimbatore – 641062

Quarterly Report (April - June 2017)

Events Organized:

Oracle Programming using PL/SQL

The Department of Computer Science and Engineering, PSG Institute of Technology and Applied Research along with ICT Academy organized a five day FDP on “Oracle Programming using PL/SQL” from 15th May 2017 to 19th May 2017. There were 39 participants from various colleges which included 5 participants from PSG iTech and 5 participants from colleges outside Tamil Nadu were trained by Mr. Ritesh Jain, Project Manager, Ebiz Suite Practices, Oracle India Development Centre, New Delhi.



Fig 1: Mr. Ritesh Jain, Project Manager, Ebiz Suite Practices, Oracle India Development Centre, New Delhi addressed the gathering on 15th May 2017



Fig 2: Mr. Sundararaman, Trainer addressed the gathering on 15th May 2017 titled “Oracle Programming using PL/SQL”

The five day session started on 15th May 2017 with the basics of PL/SQL programming. Each session was very informative and very well explained and demonstrated using example programs. After each section, there were online quizzes (multiple choice) which reinforced the concepts that were learned.

Faculty Award Function

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



Fig 4: Dr T Hamsapriya, HoD (CSE) receiving an award from Dr R Rudramoorthy, Principal, PSG Tech on 5th April 2017

Annual Day-Daksha : 2017

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.



Fig 5: 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



Fig 6: Release of Tarangini Magazine by the Chief Guest Dr P Selvaraj, Technology Director Aeronautical Development Agency, Bangalore on 8th April 2017

Computer Science and Engineering Association (CSEA) - Valedictory Function

Computer Science and Engineering Association (CSEA) valedictory function was conducted on 6th April 2017. Shri.M.Karthik, Deputy Manager, ICT Academy, Govt. of India was the chief guest of the function. Mr.S.Karthikeyan, Faculty Coordinator, Computer Science and Engineering Association (CSEA) presented the annual report for the academic year 2016-2017. The Chief Guest addressed the gathering and delivered a Guest Lecture on “Virtualization & Data Science. He talked about Cloud, Hadoop, Data analytics & Data Science and various industry perspectives and their expectations to students. Mr.Vishnu Sanjay, Event Coordinator explained about VMware Virtualization and cloud and data science courses under ICT academy to the students.



Fig 7: Students presenting the gift as a token of appreciation to Shri.M.Karthik, Deputy Manager, ICT Academy

Civil Engineering Association - Valedictory Function

The Valedictory function for the Civil Engineering Association was held on 11th April 2017. Er. S. Alwar Babuji, Technical Committee Chairman, Coimbatore Civil Engineers Association (COCENA) was the Chief Guest. Ms. L.C. Jesline Althea, Executive Committee Member of the Civil Engineering Association welcomed the gathering. During the valedictory address, the Chief Guest highlighted the role and importance of any professional association. He has also discussed the potential areas of Civil Engineering and motivated the students to develop the qualities required by the construction industry.



Fig 8: Valedictory Address by Er.S.Alwarbabuji, Technical Committee Chairman, COCENA held on 11th April 2017

Tai Chi & Work – Life Balance

Nitya Gurukula, a People Work Centre at Coimbatore offering Holistic Counselling, Transformational Workshops and Training in Transactional Analysis and Energy Work, centered in its vision ‘The Guru Within’ conducted a Seminar on 03rd May 2017 for 6 hours. The program was led by Mrs. Sashi Chandran, MA, MBA, TSTA - Teaching and Supervising Transactional Analyst (Education), CTA-Certified Transactional Analyst (Counselling), Tai Chi Trainer, and Managing Trustee of Nitya Gurukula.



Fig 9: Mrs. Sashi Chandran, Tai Chi Trainer and Managing Trustee of Nitya Gurukula discussed the topic on “Tai Chi & Work - Life Balance” with PSG iTech faculty on 03rd May 2017

Salesforce Trailhead

The Department of Computer Science and Engineering, PSG iTech 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 PSGiTech and 2 participants from colleges outside Tamil Nadu and were trained by Mr. Harish and Team from Salesforce. The inauguration function of the Faculty Workshop was held on 15th June. Dr. P.V.Mohanram, Principal gave the welcome address followed by the inaugural address by Vice-Principal Dr. G.Chandramohan. Mr.Rajdeep Dua, Director, Developer Relations, Salesforce, Mr.Rajesh Nambiar, Head, academic Alliance, Salesforce and Mr.G.Saravanan, Head, from ICT Academy also addressed the gathering.



Fig 10: Principal Dr. P.V.Mohanram welcomed the gathering on 15th June 2017 for the faculty workshop titled “Salesforce Trailhead”



Fig 11: Mr.Rajdeep Dua Director, Developer Relations, Salesforce addressed the gathering for the faculty workshop titled “Salesforce Trailhead” held on 15th June 2017

Students Achievements International Summer School 2017

The following students have applied for the International Summer School 2017 at Glasgow Caledonian University, Scotland, UK to be held from 17th July to 4th August 2017.

S.No.	Name of Student	Dept	Year	Name of the Programme	Period
1	Mr. Aravindhnan R	Mech	IV	International Summer School 2017	17 th July to 4 th August 2017
2	Mr. Mohamed Abubucker M				
3	Mr. Uma Sundhar		II		

Lets Talk

The students of various departments have participated in the English Literary Forum - Lets Talk are as follows:

S.No.	Name of Student	Dept	Year	Topic	Name of the Programme	Date
1	K.Sreenandhini	Electrical & Electronics	III	Be the alchemist of your own life	Lets Talk - English Literary Forum	25/01/17
2	C.S.Nagarajan	Mechanical	II	Billion Dollar Decisions by CEO's		10/01/17
3	N.Vignesh	Electrical & Electronics	III	Don't force yourself to fit in where you don't belong		11/02/17
4	R.Christie	Computer Science	I	Hack water: Don't pack it		11/02/17
5	R.Senthil	Mechanical	III	-		-

Student Visit (Internship) abroad

The following student is participating in an international internship programme as per the details given below:

S.No	Name of the Student	Dept	Internship Provided by	Place of Internship	Duration	Special Achievement
1	C.S.Nagarajan	II-Mech	AIIESEC-UN	St.Petersburg Russia	21/06/17 to 08/08/17	One of the 25 Global Interns and one of the 3 Indian Interns selected for the SUNSHINE 2nd Wave Internship under the Sustainable Development Goal Quality Education of United Nations

Internship and Inplant Training

The under-mentioned departments organized Internship and Inplant training to the following reputed organizations/ Industries from May to July 2017.

S. No.	Department	Name of the Industry	Total Number of Students
1	Civil Engg	Indian Institute of Technology - (IIT), Delhi	23
		The Energy and Resources Institute, Delhi.	
		Summer Fellowship Programme – 2017 Indian Institute of Technology-(IIT), Madras.	
		Larsen and Toubro Limited Construction Building & Factories, Chennai.	
2	Computer Science and Engg	Kalam Innovation - National Level Students Project Contest Sri Sai Ram Engineering College, Chennai.	10
3.	Electrical and Electronics Engg	Seshayee Papers and Boards Limited, Erode.	14
		Padmavahini Transformers Private Limited, Saravanampatti, Coimbatore	
4.	Electronics and Communication Engg	ACC Limited, Madukkarai, Coimbatore.	28
		Megatech, Tambaram, Chennai.	
		Cambium Networks, Bangalore.	
		UGP Engineering Private Limited, Chennai.	
		Summer Fellowship Programme – 2017 Indian Institute of Technology - (IIT), Madras.	

5.	Mechanical Engg	BMW India Private Limited, Chennai.	34
		ISRO Propulsion Center, Mahendragiri, Tirunelveli.	
		Faiveley Transport Railway Technology, Hosur.	
		Roots Industries Private Limited, Vadamadurai, Coimbatore.	
		Ashok Leyland Limited, Chennai.	
		Circor Flow Technologies India Private Limited, Coimbatore.	
		Ford India Private Limited, Chengalpattu.	
		Indian Institute of Technology - (IIT), Indore	
		Circor Flow Technology India Private Limited, Coimbatore.	
		Agni Steels Private Limited, Erode.	

Guest Lectures delivered by the faculty

The faculty who delivered the guest lectures during the quarter period are as follows:

S.No	Name	Department	Date	Topic	Venue
1	Dr P V Mohanram	Mech Engg	27.05.2017	Mind Management	PSG STEP
2			29.05.2017	Teaching Learning Process	PSG IM
3			22.06.2017	Questioning techniques for effective engagement in the class room	PSG iTech
4			29.06.2017		PSG CAS
5	Dr G Chandramohan		29.06.2017	Evaluation of Teaching	PSG CAS
6			23.06.2017		PSG iTech

Online Courses Completed by Faculty

The following faculty have successfully completed the NPTEL online courses offered by IIT:

S. No.	Faculty	Department	Course offered by	Title of Course	Period of course
1	Mr V.Navin Ganesh	Civil	NPTEL - IIT Roorkee	Housing Policy and Planning	Jan-Mar 2017
2	Mr V.Navin Ganesh	Civil	NPTEL - IIT Madras	Infrastructure Economics	Jan-Mar 2017
3	Dr G.Chandramohan	Mechanical Engineering	NPTEL - IIT Roorkee	Principles of Casting Technology	Jan-Mar 2017
4	Dr M.I.Abdul Aleem	Civil Engineering	NPTEL - IIT Kanpur	Hydration, Porosity and Strength of Cementitious Materials	Feb-Apr 2017
5	Mr V.Navin Ganesh	Civil Engineering	NPTEL - IIT Roorkee	Introduction to Remote Sensing	Feb-Apr 2017
6	Mr R.Rajkumar	Civil Engineering	NPTEL - IIT Roorkee	Introduction to Remote Sensing	Feb-Apr 2017
7	Ms K Sivanandadevi	Mechanical Engineering	NPTEL - IIT Roorkee	Product Design and Development	Feb-Mar 2017
8	Dr V.Chitra	Mathematics	NPTEL - IIT Roorkee	Mathematical Methods and its Applications	Jan-Apr 2017
9	Ms K.Bavithra	Electrical & Electronics	NPTEL - IIT Madras	Design and Analysis of Algorithms	Jan-Mar 2017
10	Ms J.Lithika	Electrical & Electronics	NPTEL - IIT Kharagpur	Embedded Systems Design	Jan-Apr 2017
11	Mr D.Venkatesh	Electronics & Communication	NPTEL - IIT Bombay	Antennas	Jan-Apr 2017
12	Dr V.Jailaxmi	Mathematics	NPTEL - IIT Roorkee	Mathematical Methods and its Applications	Jan-Apr 2017
13	Mr P.Chinnaraj	Mathematics	NPTEL - IIT Roorkee	Mathematical Methods and its Applications	Jan-Apr 2017
14	Mr P.Gajendran	Mathematics	NPTEL - IIT Roorkee	Mathematical Methods and its Applications	Jan-Apr 2017
15	Mr P.Gajendran	Mathematics	NPTEL - IIT Kanpur	Linear Regression Analysis and Forecasting	Jan-Feb 2017
16	Mr P.Gajendran	Mathematics	NPTEL - IIT Madras	Introduction to Operations Research	Jan-Mar 2017
17	Mr A.Anand	Electronics & Communication	NPTEL - IIT Kanpur	Principles of Communication - Part I	Jan-Mar 2017
18	Ms M.Sowmiya	Electronics & Communication	NPTEL - IIT Kanpur	Principles of Communication - Part I	Jan-Mar 2017
19	Dr. T. Hamsapriya	CSE	NPTEL - IIT Delhi	Computer Architecture	23.4.2017
20	Ms. K. Lakshmi Kalpana Roy	CSE	NPTEL IIT Kharagpur	Programming in C++	23.4.2017

Other Courses completed by Faculty Members

The following faculty have successfully completed the other online courses offered by various academies:

S. No.	Faculty	Dept	Course	Offered by	Date of Completion
1.	Ms. A.C.Sumathi	CSE	Cisco Certified Network Associate	CISCO Networking Academy	3.4.2017 to 12.4.2017
2.	Mr. S. Thivaharan			CISCO Networking Academy	3.4.2017 to 12.4.2017
3.	Dr. A. Muthukumar		EMC Academic Associate in Data Science and Big Data Analytics	EMC Education Services	29.4.2017
4.	Dr. T. Hamsapriya		Database Programming with PL/SQL	Oracle Academy	19.5.2017
5.	Dr. A. Muthukumar			Oracle Academy	19.5.2017
6.	Ms. P. R. Radhika			Oracle Academy	19.5.2017
7.	Ms. K. Lakshmi Kalpana Roy			Oracle Academy	19.5.2017
8.	Ms. G. Niranjani			Oracle Academy	19.5.2017
9.	Ms.R Viraja		Datacamp	Intro to Python for Data Science	14.6.2017
10.	Ms.R Viraja			Introduction to R	20.6.2017
11.	Ms.R Viraja			Intro to SQL for Data Science	27.6.2017

Workshops / Guest Lectures /Seminars attended by the faculty

The faculty who attended various workshops, guest lectures and seminars in other institutions during the quarter period are as follows:

Name	Event	Venue	Date
Mr. S. Thivaharan	Cisco Certified Network Associate	Amrita University	03.04.2017 - 13.04.2017
Ms. A.C.Sumathi			
Ms A.Jeyashree	Energy Conservation and Electrical Safety	PSG College of Technology	21.04.2017- 22.04.2017
Dr. A. Muthukumar	Data Science and Big Data Analytics	KSR Institute of Technology, Tiruchengode	25.04.2017 - 29.04.2017
Ms. S. Hemkiran	Introduction to Robotics	e-YANTRA LAB, PSG iTech	27.04.2017 & 28.04.2017
Ms. G. Niranjani			
Ms P Shobha	Mind Management	PSG STEP	27.05.2017
Ms K Ruthra			
Mr M.Sathyanathan	Infrared Thermography based thermal defect analysis, Data mining and predictive maintenance scheduling of electrical utility/Equipment	Sri Eshwar College of Engineering, Coimbatore.	09.06.2017- 10.06.2017
Dr C.S.Subashkumar			
Ms V Vilasini	Self Awareness and Higher Goals in Education	IIT Madras	29.05.2017- 02.06.2017
Mr P Balakumar			
Ms K.Bavithra			
Dr P Manojkumar	Future Challenges and Technological requirements in Indian Army	CII Office, Coimbatore	22.06.2017
Dr.S.Vanitha			
Ms. K. Lakshmi Kalpana Roy			
Mr. S. Thivaharan	Cisco Networking Academy Conference	Taj Vivanta	22.06.2017
Ms. A.C.Sumathi			
Ms Archana	Silvaco TCA	PSG IAS	07.07.2017
Mr Paul Durai			
Dr G Santhanamari	Funding Opportunities for Sponsored Research	PSGIM	10.07.2017
Dr D Elangovan			
Dr G Latha			
Dr R S Sankara Subramanian			
Ms R Mangalam			