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# SPCET NEWSLETTER

St. Peter's College of Engineering and Technology

(Affiliated to Anna University of Technology Chennai & approved by AICTE, New Delhi)

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St. Peter's College of Engineering and Technology, a co-educational college was established by Lakshmi Saraswathi Educational Trust in the year 2008. The college aims to impart training to students to develop their intellectual powers, identify and cultivate interest and talents, and train them to become responsible and eminent citizens of India. The following UG and PG programmes are offered by the college with an intake of 60 students for each programme.

B.E. (Electronics and Communication Engineering)

B.E. (Electrical and Electronics Engineering)

B.E. (Mechanical Engineering)

B.E. (Computer Science and Engineering)

B.E. (Civil Engineering)

B.Tech. (Information Technology)

M.B.A.

## ACADEMIC PERFORMANCE

The college is making all efforts to impart quality education and mould the students to acquire necessary skills to take up challenging assignments after obtaining their degrees. The results (scripts %) for undergraduate and post graduate courses for the academic year 2009-10 are given below.

Course	1 <sup>st</sup> Sem.	2 <sup>nd</sup> sem.	3 <sup>rd</sup> sem.	4 <sup>th</sup> sem.
B.E.(Mech.)	94.8	88.4	83.4	86.5
B.E. (ECE)	91.8	94.3	88.5	79.7
B.E.(EEE)	94.4	92.7	-	-
B.E.(CSE)	92.8	97.0	85.8	76.4
B.Tech.(IT)	88.5	85.9	88.8	76.5
M.B.A.	86.8	77.8	-	-

The academic year 2010-11 for UG and PG courses commenced as per guidelines of Anna University. Apart from class room teaching, students are given exposure to latest developments/technologies by arranging Guest Lectures and industrial visits. Students are also encouraged to present technical papers and participate in technical events to develop their technical and communication skills. Quite a few students of our college have won prizes in these events. Student profile test was conducted on 29-10-2010 as per the guidelines of the Anna University of Technology Chennai. The

## MESSAGE

*I am glad to know that St. Peter's College of Engineering and Technology is planning to publish bi-annual Newsletter from this academic year. The Newsletter will highlight the academic and other activities of the College which is fast developing into one of the best technical institutions in Tamil Nadu. I congratulate the faculty and students for their efforts to achieve excellence and wish them all the best for the future.*

*Dr.T.Bhanumathi  
Chairperson*

Performance of students is used to provide appropriate teaching methodologies to improve their skills.

## WORKSHOP/CONFERENCE/SYMPOSIUM

### National Workshop on Advanced Manufacturing Technologies, August 16-18, 2010

A national workshop on Advanced Manufacturing Technologies (AMT) was organized by the Department of Mechanical Engineering from 16<sup>th</sup> to 18<sup>th</sup> August 2010. The workshop was inaugurated by Mr.S.Thiagarajan, Chairman, Southern Alloy Foundries (P) Ltd., Chennai. Totally ten keynote papers were presented by experts from industry, IIT Madras, IIIT Chennai, Anna University Chennai, and our own faculty. Sixty participants attended the workshop including faculty and students from various institutions. Dr.K.Purushothaman, HOD, and Mr.Shadrach A.Jeyasekaran, Lecturer, were the co-ordinators. The workshop was sponsored by the Council of Scientific and Industrial Research (CSIR) and Defence, Research and Development Organisation (DRDO), New Delhi.

### National Conference on Financial Markets, May 14-15, 2010

A national conference on Financial Markets was organized by the Department of Management Studies on 14<sup>th</sup> and 15<sup>th</sup> May 2010. Dr.S.Ravichandran, Managing Director, National Trust Housing Finance Ltd., Chennai, delivered the inaugural address. He highlighted the growth of capital and money markets

In India during the past two decades with several influencing factors and examples. Dr.T.Bhanumathi, Chairperson, presided over the inaugural function. Keynote papers were presented by Dr.G.Balasubramanian, Dean and Director, Institute for Financial and Market Research, Dr.B.K.Viswanathan, Staff Training College, Indian Bank (IMAGE), and Prof. Padmanabhan, St. Peter's University. Totally, 19 technical papers were presented during the conference. The conference was attended by 72 participants. The conference was sponsored by State Bank of India and Indian Bank.

### National Level Students Symposium Yukthi'10, October 14, 2010

A national level students symposium *Yukthi'10* was organized by the Department of Management Studies on 14<sup>th</sup> October 2010. About 110 participants attended the symposium from various colleges besides our own students. Various events including paper presentation, financial planning, best manager, ADZAP and business quiz were organized. Dr.D.Thirunavukkarasu, Chairman, The Institution of Engineers (India), inaugurated the symposium and delivered the inaugural address. Mr.V.Balakrishnan, Deputy General Manager, Wheels India Ltd., delivered the valedictory address.



Inaugural function of National Students Symposium *Yukthi'10* on 14<sup>th</sup> October 2010.

### DEPARTMENTAL ACTIVITIES

#### Department of Electronics and Communication Engineering

Mr.Arindam Das, Delivery Manager, Manufacturing Practice (Automotive), Infosys Technologies Ltd., inaugurated St. Peter's Association of Communication Engineers *SPACE*, on 5<sup>th</sup> October 2010 and delivered a talk on current trends in IT industry.



Inaugural function of AMT workshop on 16-08-2010



Dr.S.Ravichandran, MD, National Trust Housing Finance Ltd., delivered the inaugural address for the conference on Financial Markets, May 14, 2010.

#### Department of Mechanical Engineering

*SAEINDIA Collegiate Club* was inaugurated on 10<sup>th</sup> August 2010 by Dr.G.Nagarajan of *SAEINDIA* and Professor, Department of Mechanical Engineering, Anna University. Dr.R.Rajendran, Chair-*SAEINDIA* Southern Section, highlighted the various activities of *SAEINDIA*.

#### Department of Computer Science and Engineering

Association of St. Peter's Intellectual Rigorous Engineers, *ASPIRE*, was inaugurated by Mr.M.Subramanian, Senior Project Manager, MGL Mascon Global Ltd., on 8<sup>th</sup> September 2010. He delivered a lecture on Software Development.

#### Department of Electrical and Electronics Engineering

*RETRA* Revolution of Electro Technicians Research Association was inaugurated on 12<sup>th</sup> October 2010. Mr.Balaji Ramamurthy, Deputy Manager, Mahindra Sathyam, was the Chief Guest and delivered the key-note address.





SAE Collegiate Club inaugural function, 10<sup>th</sup> August 2010

### FACULTY DEVELOPMENT

Mr.S.Senthil, Lecturer, Physics Department, attended the Faculty Programme on Engineering Physics I, organized by Anna university Chennai, from June 30 – July 7, 2010.

Training was given by IBM Rational Suite software for faculties of CSE and IT departments from 27<sup>th</sup> to 30<sup>th</sup> September 2010.

Dr.T.L.Venkata Subramanian, HOD (MBA), attended the conference on India – Knowledge and Professional Services to the World – The Next Decade, held at Bangalore on 29-09-2010.

Ms.K.R.Sowmya, Asst. Professor, MBA Department, attended QIP for faculty development held at CMR Institute of Technology, Bengaluru, on 30-10-2010.

### GUEST LECTURES

07-09-2010 : Courses for Engineers by Ms.Sakthi, NIIT, Ambattur - for CSE students.

08-09-2010 : Web development by Mr.M.Subramanian, Sr. Project Manager, MGL MASCON Global Pvt. Ltd., Chennai - for CSE students.

17-09-2010 : Facing the Future by Dr.K.Kantharaj, Dean (Biomedical Engineering), St. Peter's University - for First Year B.E./B.Tech. students.

18-09-2010 : Opportunities for MBAs in software industry – Mr.Vishnu Ramakrishnan, Caliber Point - for MBA students.

28-09-2010 : Java, .Net, Embedded systems – SPIRO Solutions Pvt. Ltd., Chennai – III IT students.

30-09-2010 : Derivatives Management – Dr.Ranganathan, Registrar, University of Madras - for MBA students.

20-10-2010 : Preparing students for placements –



Inaugural function of EEE Association *RETRA*

Dr.Saikumari, Director (Operations), Manhattan Training & Management Services (MTMS) – for II MBA students.

23-10-2010 : Placement tips for management students – Mr.V.Balakrishnan, DGM & Plant Head, Wheels India Pvt. Ltd.

### INDUSTRIAL VISITS

07-09-2010 : Coco Cola India Ltd., Nemam, II MBA students.

13-09-2010 : BSNL, Maraimalai Nagar – III ECE students.

22-09-2010 : ACCEL IT Academy, Chennai – III CSE students.

23-09-2010 : Wheels India Pvt. Ltd., Sriperumpudur – I MBA students.

24-09-2010 : ACCEL IT Academy, Chennai – II CSE students.

28-10-2010 : RSB Transmissions Ltd., Sriperumpudur – II MBA students.

### GRANTS RECEIVED FOR WORKSHOP/CONFERENCE

Event	Organisation	Grant (Rs.)
National Conference on Financial Markets May 14-15, 2010	State Bank of India	30,000
	Indian Bank	30,000
National Workshop on Advanced Manufacturing Technologies, August 16-18, 2010	CSIR	50,000
	DRDO	30,000

## PRIZES WON BY STUDENTS

C.Arun Kumar and S.Sivakumar, II CSE – Second Prize in paper presentation at National Level Students Symposium at CSE Department, St. Peter's Engineering College, on 22-09-2010.

N.Aishwarya, II CSE – First Prize; S.S.Vigneshwari and K.Lakshmi Priya, III CSE – Second Prize in Software debugging at National Level Students Symposium at CSE Department, St. Peter's Engineering College, on 22-09-2010.

V.Gopi Krishna and P.N.Varadharajan, III CSE – First Prize in Quiz conducted during National Level Students Symposium at ECE Department, St. Peter's Engineering College, on 29-09-2010.

P.N.Varadharajan and I.S.Rajkumar, III CSE – Second Prize in Gaming conducted during the National Level Students Symposium by CSE Department, St. Joseph Engineering College, on 25-09-2010.

V.Gopi Krishna and P.N.Varadharajan, III CSE – Second Prize in Treasure Hunt conducted during National Level Students Symposium at IT Department, Alpha College of Engineering, on 06-10-2010.

Third year Mechanical Engineering students participated in SAE Tier 2 events held at Abdul Hakeem College of Engineering and Technology, Chennai, and won the following prizes.

Aeromodelling Competition :

Balaji V., Vivek S.P., and Dinesh Singh J. – Second Prize  
Graphical System Design Competition.

Sibivasan S.M., Premkumar T., and Tamizhvanan P.,  
– Second Prize.

Analysis Competition :

Vinayaga Moorthy K., Nirmal raj K. – Third prize.

## PUBLICATIONS

1. Moorthy G., "Analysis of fibre reinforced composite structure for buckling failure using FEA", Proc. National workshop on Advanced Manufacturing Technologies (AMT), SPCET, Aug. 16-18, 2010, pp.49-57.
2. Ramachandra Murthy D.S., "Designing against fatigue", Proc. National workshop on Advanced Manufacturing Technologies (AMT), SPCET, Aug. 16-18, 2010, pp.59-84.
3. Venkata Subramanian T.L., "Efficiency of metal cutting through modern cutting tools", Proc. National workshop on Advanced Manufacturing Technologies (AMT), SPCET, Aug. 16-18, 2010, pp.27-48.
4. Sowmya and Meenakumari, "A study on job satisfaction of faculty members in education

sector", in *Impact of Economic Crisis in Global Business Scenario*, Arumugham Publishers, 2010, ISBN: 978-93-80627-18.2.

## EXTRA-CURRICULAR ACTIVITIES

A Gymnasium has been established for the College. It has facility to do 24 different types of exercises.

Ball Badminton tournament was conducted successfully for Anna University Zone 1 colleges. Students from 21 colleges participated in the tournament. Prizes were distributed to the winners.



Captains of various teams are introduced to the Principal



Match in progress

Our students participated in sports events conducted by Anna University. Ms.R.Induja, II year B.E. (Mech.) student, won 2<sup>nd</sup> prize in Javelin and 3<sup>rd</sup> prize in 1500 m race.

