

Om Sakthi



APEEC

Digest

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JULY- AUGUST 2013

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ADHIPARASAKTHI ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University Chennai)

(Accredited by National Board of Accreditation)

Melmaruvathur -603 319, Tamilnadu, India.

An ISO 9001: 2008 Certified Institution.

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STUDY

SPIRITUALITY

SERVICE

Dear Colleagues,

It gives me immense pleasure to present the second issue of the bi-monthly APEC Digest for July-August carrying details of activities and achievements of students and faculty members of the college. In this issue, activities of the various organs of the college are classified as below.

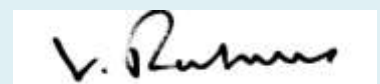
1. Faculty publications both presented at conferences and published in journals.
2. Faculty Development Program(FDP) organised and attended.
3. Guest lectures organized.
4. Faculty interaction with outside world.
5. Industrial visit.
6. Participation of students in various events.
7. Presentation of paper by students.
8. Career Guidance Cell activities.
9. Book Exhibition.
10. Student Chapter activities.
11. Alumni Interaction.
12. Forth coming events.

I am delighted to present here that there are 26 Ph.D holders on the roll as faculty members. The college is a recognized research centre approved by Anna University, Chennai. Several of the faculty members have obtained guideship to supervise research scholars of various other universities.

I do hope that the Digest would be of immense value to industries and they would come forward to utilize this in their activities and also establish continuous contact with the institute. The college has several centres of different bodies namely, CISCO Academy, ICT Academy; CII, EMC², Oracle academy Member etc. It has various cells for facilitating activities of students.

Expecting a great cooperation in the years to come,

Yours Sincerely,



(Dr. V. Ramasamy)

A. Faculty's Front

I. Faculty publication details

a. Presented

S.No	Name of the Author	Title	Name of the conference	Date
1.	Dr.J.Baskaran HOD/Prof. EEE	Cycloconverter Based Fractional Frequency Transmission system	The Institution of Engineers(India), Tamil Nadu State Centre, Chennai	30 th &31 st August 2013
2.	Dr.J.Baskaran HOD/Prof. EEE	Optimization of Distributed Generation Parameters in a Power System Network using Micro genetic Algorithm	The Institution of Engineers(India), Tamil Nadu State Centre, Chennai	30 th &31 st August 2013
3.	Dr.J.Baskaran HOD/Prof. EEE	Hysteresis Controller based Wind Energy Grid Connected Inverter System	The Institution of Engineers (India), Tamil Nadu State Centre, Chennai	30 th &31 st August 2013
4.	Ms. S. Udhayavani Asst Prof/Chemistry	Synthesis of 2-Amino-6-Aryl – 4 - (Furan 2yl) Pyrimidine's obtained by Microwave.	National Symposium on Recent Trends in Applied Chemistry Veltech Technical University, Avadi	31 st Aug 2013.
5.	Ms.N. Pappayee Prof./Chemical	Fluorescence Behavior of Ciprofloxacin Drug in Homogeneous and Heterogeneous Medium	National Symposium Recent Trends in Applied Chemistry	20-22 Aug- 2013
6.	Dr. N. Pappayee Prof./Chemical	Neem Powder – Natural Alternative for Mosquito Repellent. (Third Prize)	National Conference on Energy, Environment & Climate Change, Presidency College, Chennai	18, 19 July 2013

b. Published

S.No	Name of the Author	Title	Journal Name	Volume No/Page No/Year
1.	Dr. V. Ramasamy Principal	Flexural behavior of rice husk ash concrete beams	ICI Journal	Vol. 14, Issue No. 1, April-June 2013
2.	Dr.TS.Thandavamoorthy Prof./ Civil	Studies on the properties of steel and polypropylene fiber reinforced concrete without any admixture	International Journal of Engineering and Innovative Technology (IJEIT)	July 2013, Vol.3, Issue 1, Page No.: 411-416
3.	Dr. TS.Thandavamoorthy Prof./ Civil	Design of shock table, its fabrication and use in testing rat-trap bond masonry structures under pendulum impact at its base	Scientific journal of architecture	August 2013, Vol. 3, Issue 4, Page No. 73-78
4.	Dr.M. Vasanthavigar, Asst Prof./Civil	Hydro chemical characterization and quality appraisal of groundwater from Pungar sub basin, Tamilnadu, India	Journal of King Saud University – Science	August 2013
5.	Dr. M.Kannan, Prof, /Mechanical	Maximum Heat Transport Capability of a Two Phase Closed Thermo syphon Charged with Different Working Fluids.	Wulfenia Journal	Volume 20, issue 5, 136-143, May 2013
6.	Mr.N. Senthilkumar, Asst Prof./Mech	Effect of cutting tool holder parameters in turning – A finite element simulation analysis	Journal of Mechanical Sciences	Volume 2, No. 1, pp. 40-48, 2012
7.	Mr.N. Senthilkumar, Asst Prof./Mech	Optimization of machining parameters and nose radius in turning using Simulated Annealing,	Journal of Mechanical Sciences	Volume 2, No. 1, pp. 32-39, 2012

8.	Dr.V. Nagarajan HOD/ECE	Performance Analysis of Selective Decode and Forward Protocol with Partner Selection	International Journal of Mobile Communications.	Vol.1 300-315 July 2013
9.	Mr.G.Vijayaraghavan Asst Prof./Chemical	Fuzzy Logic in Process Safety Modeling of Chemical Process	International Journal of Advanced Engineering Research and Studies	II/IV/118-121/2013
10.	Mr.S.P.Ponnusamy Associate Prof./ MCA Department	Cache Optimization on Hot-Proxy Caching Using Weighted-Rank Cache replacement Policy	ETRI Journal	Volume 35, Pg 687-696, Year 2013
11.	Mr.G.Babu Assistant Prof./ MCA Department	Developing method for mining of knowledge for customer relationship management	IJDWM Journal	Volume 3, Issue 2, August 2013
12.	Mr.S.Gangadharan Assistant Prof./ MBA	Attitude towards public Service Advertisements among the Rural Youth in Chengalpattu Taluk-Kancheepuram district	Global Research Analysis ISSN No 2277-8160	Volume 2 Issue 7 Pg. No: 38-40 July 2013
13.	Mrs.S.SakthiRaadha Asst.Prof./Chemistry	Nanostructure And Optical , Electrical, Magnetic And Photo Catalytic Properties of Hydro Thermally And Sono Chemically Prepared CuFeO ₄ -SnO ₂	RSC Advances	Vol. No: 3 Page No: 16728-16738 August 2013

c. Book Publication

S.No	Name of the Author	Title	Publication Name	Volume No/Page No/Year
1.	Mrs.A.Bhuvaneshwari Asst Prof./CSE Mr.R.PitchaiRamaswamy Asst.Prof/IT Mr.P.Shanmugam Asst.Prof/IT	Computer Programming	Sri Krishna Publications	978-81-908908-4-7

II. Faculty Development Programme (FDP) and Workshops

Organized:

Name of the Coordinator	Department	Organization/ Industry	Title	Duration	Venue
Dr.R.Valli Prof./HOD	IT	ICT Academy of Tamilnadu	Business Dynamics	16 th & 17 th July – 2013	APEC

Attended:

Name of the Faculty	Department	Organization/ Industry	Topic	Date
Mr.T.D.Ramadasan	Civil	Rathinam Technical Campus at Coimbatore	Save our country by effective water management	11 th to 12 th July 2013
Mr. R. Venkata Krishnaih	Civil	VIT University at Chennai	Latest Advances on NDT equipments for concrete	30 th August 2013
Mr. R. Venkata Krishnaih	Civil	Velammal Engineering college, Chennai-66	Workshop on smart materials	31 st August 2013
Dr.R.Senthil	Mechanical	ICT & AUTODESK, ACARD Hotel, Chennai.	Innovations by Designs	17.07.2013
Mr.D.R.Rajendran	Mechanical	IIT-Chennai	Solar Thermal Power Generation	22.07.2013 to 24.07.2013
Mr.S.Babu	IT	Mailam Engineering college	Workshop-“Student’s Counselling and Stress Management”	17.08.2013.
Ms.N.Subhashini Mr.M.Balashsankar Mr.G.VigneshChakkar varthy Ms.K.Bhuvanalakshmi Ms.S.Sandhiya	IT	ICT ACADEMY OF TAMILNADU	“Principles of Project management”	06.07.2013 & 07.07.2013
Mr.S.Velmurugan	Chemical	St Joseph’s College of Engineering, Chennai-119	Carbon Capture Sequestration and Utilization	22-08-2013 & 23-08-2013

Ms.N. Pappayee	Chemical	SSN College of Engineering, Chennai	Metal Analysis: Atomic Absorption Spectroscopy	08-08-2013
Mr.G.Vijaraghavan	Chemical	VIT University, Chennai	Recent Trends in Analytical Techniques for Environmental Analysis and Monitoring	20.07. 2013
Mr.G.Babu& Mr.S.P.Ponnusamy	MCA	VIT University	LaTex for Reseachers	26 th and 27 th July 2013
Mr.R.Murugan	MCA	A.V.C College of Engineering, Mayilaturai	Open Source Cloud Computing Solutions AICTE sponsored	22 nd to 25 th July 2013
Mrs.K.Kavitha	MCA	Valliammai Engineering College	New IT trends and Programming in Android OS	24 th August 2013
Mrs.R.Jothirani	Chemistry	Presidency College Chennai	Alternative Source for Mosquito Repellant (Conference)	18 th & 19 th July 2013
Ms.S.Udhayavani	Chemistry	MisrimalNavajee Munoth Jain Engineering College	Recent Trends in Advanced Materials (One day Seminar)	19 th July 2013
Ms. B.Muththamizh& Ms.S.Udhayavani	Chemistry	SSN College of Engineering	Atomic Absorption Spectroscopy (One day National Workshop)	8 th August 2013
Mrs.C.Rajalakshmi	MBA	KARPAGA VINAYAGA College Of Engineering And Technology	Research Methodology: Quantitative Data Analysis	3 rd to 5 th July 2013
Dr.S.P.Muthukumar Mrs.C.Rajalakshmi Mr.Saviour Ms.S.Kalpornia& Mr.V.Thamaraiselvan Mr.S.Gangadharan	MBA	SRI SAI RAM Engineering College	Retailing Strategy for Retention of customers	12 th and 13 th August 2013

III. Guest Lectures Organized

Department	Topic	Date	Name of the Speakers & Designation	Affiliation	Remarks
Civil	Current trends in construction industry	29.07.2013	Mr. S. Baskar Senior DGM	L & T, ECC Division, Manapakkam, Chennai	
Mechanical	Product Design and Development	13.08.2013	Dr. Ramanathan, Associates Professor	Centre for Product Design, IIT Madras	
Mechanical	Design of Machine Component with FEM Software and Validation	16.08.2013	Mr. K. Manikandan, Lecturer	SHINAS College of Technology, Sultanate of Oman.	
EEE	Current Market Trend in Power Sector	08.08.2013	Mr.VivekanandSindkar, CEO-Protection Business,	Industrial SCOPE T & M PVT. LTD., Mumbai, India.	
CSE	Interview Skills	27.07.2013	Mr.PradeepRajan, Senior Executive HR	COGNIZANT TECHNOLOGY SOLUTIONS	
CSE	Scope of Embedded Systems	21.08.2013	Mr D.Senthilnathan Director	Miraфра Technology, Banglore	Alumni (94-98 batch)
CSE& IT	Career Opportunities in Cloud Computing	01.08.2013	Mr.RajeshNambiyar Academic Alliance Manager,	EMC Corporation Industry	
IT	Mobile Phone-Radiations and Safety	23.08.2013	Mr.Santhana Krishnan,DGMC (Retd.)	RGTTTC, BSNL Chennai	
IT	Image Processing for Wireless Communication	26.08.2013	Dr.Gnanou Florence Sudha Prof/ECE	Pondicherry Engineering College	
Chemical Engineering	Carrier Opportunities for Chemical Engineer	19.07.2013	Mr.V.Subramanian, Senior Manager (Process)	United Sprits Limited, Bangalore-560001	Alumni of ACET

Chemical Engineering	Scope of Chemical Engineering	31.08.2013	Mr.S. Dineshkumar, Site In charge	Mahle India Piston Limited, Maraimalai Nagar	Alumini
Chemical Engineering	Importance of GATE Exam	19.08.2013	Mr. GuthalaRavikumar, M.Tech/Environmental Engg (PG Student)	Pondicherry University,	Alumini
MBA	Investors Awareness In Mutual Fund	16.08.2013	Mr.Ravi Branch Manager	HDFC Mutual Fund	

IV. Faculty interaction with outside the world:

Name of the Speakers & Designation	Department	Topic	Date	Name of the College
Dr.T. S.Thandavamoorthy Professor	Civil	Durability and Strength Testing of Concrete	25 th July 2013	Erode Sengunthar College of Engineering, Erode
Dr.T. S.Thandavamoorthy Professor	Civil	Recent research in structural engineering and materials	8 th August 2013	Suriya Engineering College,Villupuram
Dr.T. S.Thandavamoorthy Professor	Civil	Structural Analysis	30 th August 2013	AMS College of Engineering, Avadi, Chennai
Mr.C.K.Dhinakaraj Asst.prof	Mechanical	Acted as Jury Member for exhibition	23 rd July 2013	ShriAndalAlagar College of Engineering

B. Student's Front

V. Industrial Visit

S.No	Department	Name of the Industry	Date
1	Civil III Year	Centre for Civil Engineers Training Centre, Southern Railway, Tambaram, Chennai	01.08.13
2	Mechanical II Year	TVS Brakes India Limited, Polambakkam	13.08.2013 & 22.08.2013
3	ECE III Year	Bharat Sanchar Nigam Limited (BSNL), Maraimalai Nagar	19.07.2013
4	ECE III Year	Doordarsan, Pondicherry.	06.08.2013
5	ECE II Year	BSNL, Meenambakkam	21.08.2013
6	EEE IV Year	State Level Load Dispatch Centre at Chennai	01.08.2013
7	EEE III Year	400/230-110 kV Substation at Sugavasatharam	02.08.2013
8	Chemical II Year	Brakes India Limited	28.08.2013
9	Civil III Year	Centre for Civil Engineers Training Centre, Tambaram, Chennai	01.08.2013
10	Civil II Year	Southern Railways	23.08.2013
11	CSE III A	Sansbound Networking	17.06.2013
12	CSE III B	HCL	17.06.2013
13	CSE IVA & B	BSNL Meenambakam	27.08.2013
14	IT IV A	HCL, Career Development Centre, Vadapalani, Chennai-26 APEX Global Solutions, Vadapalani, Chennai-26	22.08.2013
15	IT IV B	HCL, Career Development Centre, Vadapalani, Chennai-26 APEX Global Solutions, Vadapalani, Chennai-26	23.08.2013
16	IT III A & B	Rajiv Gandhi Memorial Telecom Training Centre (RGM TTC), BSNL, Meenambakkam, Chennai-16	16.07.2013
17	MBA	NOBLE TECH PVT. LTD	13.08.2013

VI. Participation of Students in various events

S.No	Name	Department	Name of the event	Venue & Date
1	P.Saran P.Sanjeev N.Mathavan R.Ineyavan	Civil IV year	Challenges in geotechnical engineering	VIT University, Vellore 23 th August 2013
2	R.Ineyavan K.Gowtham P.Karthik S.Sri Saran kumar	Civil IV year	Save our Country by Effective Waste water management	Rathinam Technical Campus, Coimbatore 11 th ,12 th July 2013
3	S.Vasantha Kumar A.Anchit Gupta E.Bala Kumar T.J.Shiva Prakash A.P. Ramakrishnan K.Thiagarajan	Civil III year	Engineering And Economics Of Reinforced Concrete Buildings	Kumaraguru College of Technology 30 th August 2013
4	M.Mohanapriya M.Sharmila	Civil III year	Non Destructive Testing Of Concrete	Velammal Engineering College, Chennai. 31 th August 2013
5	P.Karthik	Civil IV year	IZNIK-13, National Technical Symposium	Velammal Engineering College, Chennai. 31 st August 2013
6	P.Karthik	Civil IV year	DEUS EH MACHINA- 10 on Non-Technical Quiz	31 st August 2013 Velammal Engineering College, Chennai- 66
7	V.Suganya D.Shobana S.Malathy	EEE IIIYear	All India seminar on “Recent Trends in Power Sector & Quality of Power”	Institution of Engineers, Chennai on 30 th &31 st August-2013.
8	S.Ananthi, A.Ashwini A.NandhiniK.Ashok kumar, S.Gopalakrishnan, Kamalsakthi R.Kannan, K.K.Karthikeyan R.Naveenkumar	M.E(EEE) II year	All India seminar on “Recent Trends in Power Sector & Quality of Power”	Institution of Engineers, Chennai on 30 th &31 st August-2013.

9	S.Balasubramanian R.Dinesh J.Elavarasan M.Enothkumar M.Muthukumaraan L.Muthuselvam M.R.Nagarajan B.Praveen K.Thangadurai D.Aravindan, K.Nethajikumar R.Senthilmurugan	EEE IIIYear	Two days National seminar on “MATLAB & Embedded Systems Applications in Solar PV & Wind Energy Systems”	PSG College of Technology, Coimbatore on 9 th &10 th August-2013.
10	R.Vasanthkumar D.P.Giridharan	EEE IVYear	Quiz Event in the 3 rd National Level Technical Symposium “EXERT-INNOVA ‘13”	Rover College of Engineering, Perambalur on 03 rd August – 2013
11	D.P.Giridharan	EEE IVYear	Pitch Champ Event in the 3 rd National Level Technical Symposium “EXERT-INNOVA ‘13”	Rover College of Engineering, Perambalur on 03 rd August – 2013
12	R.Vasanthkumar K.Sivakuamr V.Pandidurai	EEE IVYear	Two days National Workshop on “Fundamental & Research Application of Virtual Instrumentation using LABVIEW”	Jeppiaar Engineering College, Chennai on 18 th &19 th July - 2013.
13	S.Balasubramanian L.Muthuselvam V.M.Sakthidasan M.Selvapandiyan G.Dharmaraj	EEE III Year	Two days National Workshop on “Fundamental & Research Application of Virtual Instrumentation using LABVIEW”	Jeppiaar Engineering College, Chennai on 18 th &19 th July - 2013.
14	R.Vasanthkumar T.Pradeepkumar	EEE IV Year	Technical Quiz Event in the National Level Technical Symposium “POWER ETERNA ‘13”	J.N.N Institute of Engineering, Chennai on 10 th July – 2013.
15	P.Chandru R.DineshBabu C.Gnanavel S.Velsamy	EEE IVYear	In plant Training	North Chennai Thermal Power Station” on 1 st – 5 th July 2013.
16	R.Vasanthkumar	EEE IVYear	Drawing Competition	KurinchiKabilarTamzhilSangam, Nammakkal on 15 th August-2013
17	P.Pandiarajan& P.SubashManikanda Raja	Chemical III Year	Crack it like Sherlock	SSN College of Engineering 24.08.2013

18	P.SundarRajan J.Vignesh.	Chemical IV Year	Working Model (First Prize)	SSN College of Engineering 31.08.2013
19	P.SundarRajan J.Vignesh.	Chemical IV Year	Formal & Informal Events	SSN College of Engineering 31.08.2013
20	P.SundarRajan J.Vignesh.	Chemical IV Year	What Went Wrong	SSN College of Engineering 31.08.2013
21	J.Vignesh	Chemical IV Year	Gaming (Subway Surfer) (First Prize)	SSN College of Engineering 31.08.2013
21	A.Sathishkumar R.Ravishankar	CSE IV Year	Quiz, Debugging	RMD engineering college 19.08.2013
22	N.K. Bairavi, S.Sahana	CSE IV Year	Mock Interview	RMD engineering college 19.08.2013
23	S.SivaKumar B.Ramesh B.Ramkumar R.Jayahar	IT III B	Workshop-“Student’s Counselling and stress Management”	Mailam Engineering college, 17.08.2013.
24	S.Aravinth B.DineshKumar R.Gowri Shankar R.Hariprakash A.Lenin Raj P.Manigandan	IT III B	Workshop on Ethical hacking	SSN College of Engineering, Chennai Department of IT 27 th to 28 th August 2013.
25	H.Niyas Ahmed D.Shankar	IV IT B	Workshop on Ethical hacking	SSN College of Engineering Chennai 27 th to 28 th August 2013.
26	Harunkumar.C M.Ibrahim Khalelulah D.Shankar	IT IV B	Workshop on Recent trends in wireless Networking and Communication Engineering	VIT Chennai, 08.08.13 to 10.08.2013
27	S.Jagadeesh M.Jagadeeshwaran G.Muthu R.Aravind M.Ananth	Final Year MBA	Entrepreneurial Development Programme related to Food products	Chennai Trade Centre, Nandambakka, Chennai. 31.08.13

VII. Presentation of Paper by the Students

S.No	Name	Department	Title	Venue & Date
1	C. Shiyamala B. SakthiSangeetha Devi	Civil IV year	Adsorption by polysaccharides	SSN College of Engineering. 2 nd August 2013
2	B. SakthiSangeetha Devi	Civil IV year	Adsorption using Chitin and Starch	Sairam Engineering College. 30 th August 2013
3	S. Raghu Ram R. Narendran	Civil IV year	High Raised Structure	SSN College of Engineering. 31 th August 2013
4	T.R.Pradeep Sa.Paveethrun	MECH IV year	Hybrid Heat engine	S.A Engineering College 16.08.2013
5	S.Praveen Kumar V.Premsagar	MECH IV year	Alternator less battery charging system	MNM Jain college of Engineering. 21-08-2013
6	V.Jagan, V.Santhosh	MECH IV year	Magneto Steering System	Sairam Institute of Technology 28-08-2013.
7	A.Kalidoss, A.Dhamotharan	MECH IV year	Nano Gel battery and its advancement	S.A Engineering College 16-08-2013
8	J.Selvamani, M.Padmapratheesh	MECH IV Year	Quasi six stroke engine	Sairam Institute of Technology 28-08-2013.
9	S.Vinothkumar M.Sivanraj	MECH IV year	Quasi six stroke engine	MNM Jain College of Engineering 21-08-2013.
10	G.Kabila M.K.Aruljothy	ECE IV Year	Wireless Communication using RIET and SCR	V.R.S College of Engg, Villupuram. 14.08.2013
11	B.Ishwarya N.Iswaryalakshmi	ECE IV Year	A virtual touch based method using scene recognition for digital TV	Saveetha Engineering College, Chennai 21.08.2013.
12	W.Parveen A.Syed Ali Fathima	ECE IV Year	Spectacles and Waist belt for visually impaired and blind persons	Arunai College of Engineerin, Tiruvannamalai. 23.08.2013

13	G.Kabila M.K.Aruljothy	ECE IV Year	Wireless Communication using RIET and SCR	Sairam Engineering College, Chennai. 26.08. 2013.
14	R.Vasanthkumar D.P.Giridharan	EEE IV Year	“Renewable Energy Resources- PV Shingle (SOLAR Energy)”	Rover College of Engineering, Peramballur 03.08. 2013.
15	R.Vasanthkumar T.Pradeepkumar	EEE IV Year	“Renewable Energy Resources- PV Shingle (SOLAR Energy)”	J.N.N INSTITUTE of Engineering, Chennai 10.07.2013
16	A.Sathishkumar R.Ravishankar	CSE IV Year	Improving efficient monitoring and data dynamics for storage security in cloud computing	RMD engineering College 19.08.13
17	N.K. Bairavi S.Sahana	CSE IV Year	Cyborg	RMD engineering College 19.08.13
18	A.MahjabinZuvairiya G.Dhivya	IT IV Year	Pill Camera	Saveetha Engineering College 21.08.2013
19	B.Dhivya K.Porchelvi	IT II Year	Virtual Touch Event Method Using Scene recognition for Digital Television.	Sai Ram Engineering College, 14.08.2013
20	P.Pandiarajan P.SubashManikanda Raja	Chemical III Year	Trans esterification of Algal Oil for the Production of Biodiesel using Novel Cost Effective Catalysis	Sri Venkadesvara College of Engineering 24.08.2013
21	R.Kishore Chandru P.Anandh Kumar	Chemical III Year	Ultrasound Assisted Trans esterification of Algal Oil using Nano CaO Catalyst	SSN College of Engineering 31.08.2013
21	R.Punithan	Chemical III Year	Algal Alginate	SSN College of Engineering 31.08.2013
22	P.SundarRajan J.Vignesh	Chemical IV Year	Reducing Carbon emission and saving money changing Light bulbs A case study on Tamilnadu Energy Crisis	SSN College of Engineering 31.08.2013

23	N.Arul Manikandan G.Manikkavel	Chemical IV Year	Biosynthesis of Silver Nano Particles (First Prize)	SSN College of Engineering 31.08.2013
24	B.Arulmurgugan A. Subramani	Chemical IV Year	Production of Bio hydrogen from Agricultural Wastes	SSN College of Engineering 31.08.2013
25	R.Selvakumar J.Kamal Kumar	MCA III Year	Heart Bypass Surgery using Nano Robots	Sai Ram Engineering College 14.08.2013

VIII. Carrier Guidance Cell activities

FRENCH COURSE:

French course for the interested students have been started in the campus and was inaugurated on 24th July 2013. The course is conducted by Idhaya Computer Education and Training Centre, Pondicherry. A total of 41 students are pursuing French course.



GATE COURSE:

80 GATE aspirants are trained in the campus with the materials provided by GATE FORUM. Every Saturday they are being given the training with all the facilities in our central library.

IX. Book Exhibition

Book exhibition was conducted from 25th July 2013 to 28th July 2013 in APEC Central Library. The exhibition was inaugurated by Principal, in the presence of Director and Vice-Principal, all Heads of the Department, Convener of Library Development cell, Librarian, members of APEC Central Library. All the faculty members attended the function. The leading publishers like, Tata Mc-Graw Hill, PHI, Wiley, Anuradha, Pearson, Springer, Elsevier, Oxford, IBH, etc., exhibited their books in the book exhibition. About 6000 volumes in various disciplines (Engineering, Science & Technology and General) were displayed the book exhibition. Around 3000 students visited the exhibition and purchased books of their interest. Around 3000 volumes were purchased for the APEC Central Library & Department Libraries. The visitors gave good feedback on the book exhibition and were happy with the arrangement.



X. Students Chapter Activities

CSI student chapters

Nurture Talent Academy, Computer Society of India and Department of Computer Science conducted TECHUNT - 2013, a program to discover the best entrepreneurship talent in India. A training program was conducted to train and mentor technology students with the help of Industry veterans and entrepreneurs with the sole aim of creating and enabling entrepreneurs. The workshop was inaugurated by Mr. Pramod Mooriath, Vice Chairman, CSI, Chennai Chapter. He is currently working as Head - Technologies, Qatalys Technologies Pvt. Ltd.

The first day of the workshop started with a brainstorming session on Idea Generation that included Generating Mobile App Ideas, Team Formation and Basics of Business Planning. It was followed by the technical sessions on Android Architecture, Setting up an Android Development Environment and the Main Building Blocks. The technical sessions of the second day included the details about User Interface, Android Resources and SQLite. Finally the competition was conducted in which the teams pitched their Mobile App Ideas.



Three teams were finalized as winners of this first round of competition. These teams will go through a series of mentoring rounds in which they will be meeting top entrepreneurs and mentors from Microsoft, Google, Freemont Partners, Mumbai Angels and KAE Capital and leading MNC's in some online cum offline Mentor boot camps in leading cities of India. Top 30 teams will be invited for the mega finals in November 2013 at IIT Mumbai. The winner will be adjudged by the leading investors from Mumbai Angels, KAE Capital, T Labs, Google, Freemont Partners etc., where the winner will be awarded as the "Student entrepreneur of the year" and cash prize of Rs. 1 lakh and get a chance to raise crore of investment cum incubation opportunity.

SAE Student Chapters

Automotive Technical cum Practical Training workshop Conducted by GOODWIN MOTORS

Practical Training on Passenger Car Engine & Bike engine was conducted to the third and final year students on 13 & 14 and 28 & 29 August-2013. The engines were completely disassembled and reassembled. On passenger car, injector test, battery test, compression test, injector cut off test, spark cut off test, checking battery voltage, air filter overhauling, front and

rear wheel overhauling and inspection of the brake shoe and disc brake and drum brake were carried out.



XI. Alumni Interaction

Silver Jubilee Alumni Meet

First Batch (1984-88) Alumni Silver Jubilee Meet on 10th August 2013 @ APEC Campus

First batch alumni meet was organized in the campus for 1984-88 batch alumni after 25 years of their graduation. The meet was jointly organized by the college and APEC Alumni Association. Nearly sixty of our alumni along with their family members participated in this most memorable event. Some of the alumni were from USA, Australia, Dubai and Singapore and visited the campus to make the meet a grand success. The spouse and children of the alumni were evincing interest in looking their husband/father college days photo, which was displayed in the entrance by the college. The alumni were excited while seeing the campus infrastructure after 25 years. They have appreciated the Management for the remarkable development in infrastructure and academic performance of the college. They were also fascinated by looking at their class rooms. All the alumni who participated in the meet are holding excellent position in their field. Some of the alumni who shared their knowledge and experience to the students in the meet, are

1. **Mr.Sanjay Bhattacharya, (Mechanical Engg.), Additional General Manager, BHEL, Haridwar.**
2. **Mr.S.Kalirajan, (Civil), Executive Engineer, Kudankulam Atomic Power Station.**
3. **Mr.Babu Ramabadrana, Software Engineer, Federal Reserve Bank, USA.**
4. **Mr.K.V.Nagesh, Chief Engineer, ONGC Limited, Hyderabad.**
5. **Mr.N.Prabhakaran, Assistant Divisional Engineer(Highways), Chennai.**

At the end of the meet the 1984-88 batch alumni donated a smart display board to the college as a symbol of their visit.



Alumni Meet of Electrical and Electronics Engineers

Date: 18.08.2013

Venue: Hotel Vijay Park, Chennai

The alumni meet for the Electrical and Electronics Engineers has been jointly organized by the department of Electrical and Electronics Engineering and APEC Alumni Association on 18.08.2013 @ Hotel Vijay Park, Chennai. Nearly fifty alumni participated in the meet. Faculties and students of Electrical and Electronics Engineering also participated in the meet. They were very happy to participate in the meet. Many of the alumni shared their knowledge and experience to the present students for their career advancement and also gave valid suggestions to the department for development. They have assured that they would give full support to the department as well as any kind of development.



Gathering of Alumni on the meet



One of the Alumni addressing the gathering



One of the Alumni addressing the gathering



Group photo on the memorable occasion

Alumni Meet of Computer Science and Engineers

Date: 28.07.2013

Venue: Hotel Ambica Empire, Chennai

The alumni meet for the **Computer Science and Engineers** has been jointly organized by the department of **Computer Science and Engineering** and APEC Alumni Association on 28.07.2013 @ **Hotel Ambica Empire, Chennai**. Nearly thirty alumni participated in the meet. Faculties and students of **Computer Science and Engineering** also participated in the meet. They feel very happy to participate in the meet. Many of the the alumni shared their knowledge and experience to the present students for their carrier advnacement and also gave valid suggestion to the department for development. They assured that they would give full support to the department as well any kind of development.



XII. Anna University Examination Result (APRIL 2012-2013-Even Semester)

HIMALAYAN ACHIEVEMENT

S.No	Branch	No.of Students Appeared	No.of Students Passed	Pass Percentage	Overall Percentage 2012-13
1	Civil	187	176	94.11	91.83
2	Mechanical	406	356	87.68	
3	EEE	185	176	95.13	
4	ECE	375	345	92	
5	CSE	361	340	94.18	
6	IT	318	280	88.05	
7	Chemical	105	98	93.3	
8	First Year	549	512	93.26	
Total number of students		2283/2486			

XIII. Forthcoming Events

1. National Level Students Technical Symposium (APNACS-2013) on 25th September, 2013 (CIVIL).
2. One day technical seminar on “Electromagnetic simulation solution” on 26th September, 2013(EEE).
3. Workshop on “Power System Problem Solution by Power Electronics” on 23rd to 25th October 2013 (EEE).
4. Workshop on Free Open Source Software on 18th and 19th September 2013.(CSE)
5. National Level Technical Symposium CRESTSEST on 09th October 2013.(CSE)
6. A National Level Technical symposium (FLABBERAGAST’13) on 26th September, 2013 (IT).
7. National Level Students Technical Symposium Chemzeston 13th September, 2013(CHEMICAL).
8. Engineer Day Celebration on 17th September 2013.
9. Quiz Competition for first years on 25th September 2013.
10. Essay Competition by English Club on 21st, September 2013.

XIV. Honouring the Academic Achiever



Dr.G.B.SenthilKumar,Correspondent Congratulate **Ms.S.Mahalakshmi(EEE)** for securing **96% in Anna University IV Semester Exam** and Hand over the Cheque as a Symbol of Her Tutition fees waiver

XV. Sport Club



Dr.G.B.SenthilKumar,Correspondent Congratulated the winner in Sports and Games at the Anna university Zone V Meet.



Dr.G.B.Senthil Kumar Correspondent called on Dr.S.Ganesan Registrar of Anna University on August 29th 2013 and felicitated him.

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