Editorial

In this era of cut-throat competition, it is of paramount importance to impart an integrated education to the future citizens of the nation. The management and staff of KCG, therefore, lay special emphasis on both co-curricular and extra-curricular activities, encourage the students to be innovative and enterprising and groom them to be leaders in their respective field of activity. Students are provided with opportunities to cultivate sterling qualities such as courage, confidence, will power and determination – qualities needed to be successful in their career and life.

This issue mirrors the multi-faceted activities of our students and the ambience provided at KCG to achieve the coveted goal of imparting quality education.

-Revathy Ravichandran
Editor

Dr. Anand Jacob Verghese receiving Edupreneur award from Governor, Tamil Nadu

Dr. Annie Jacob

25 UNIVERSITY RANKS FOR KC TECH

Dept	Names	University Rank
AERO	NANDHINI S	9
	SUDHARSON U	20
	BHARATH M	22
	RAJA P	25
EEE	N C SHWETHA P	3
	PASCULIN MARY X	35
MECH	NATARAJ S	47
IT	SUSHMA M S	48
M.E. - CS	NARMADHA N	1
	RAJALAKSHMI D	15
	PRIYADHARSHINI K	33
	PRIYA A K	36
	SUBASHREE K	19
	PONMANI A	30
	ROSE V PATTANI	33
	LEKSHMI M R	40
M.E. – Engg. Design	PRAVEEN KUMAR A	1
M.E. VLSI Design	SUGANYA M	11
	ALIN VINISHA V	13
	NEETHU JOHNY	19
MCA	MAHESWARI M	23
	RAJESH R	25
	RAMKUMAR M	27
	MOHAMED NIYASUDEEN B	35

KCG COLLEGE OF TECHNOLOGY CAMPUS BUZZ

Vol-XI Issue-I

- **Dr. Elizabeth Verghese, Chairperson, Hindustan Group of Institutions has been recognized and celebrated as Edupreneur by The Times Group.**
This honour is in recognition of her incessant work as a successful educationist who seized every opportunity to shape education infrastructure in Tamil Nadu and helped Tamil Nadu emerge as a knowledge-based economy. The award was collected by Dr. Anand Jacob Verghese, Vice Chairman, Hindustan Group of Institutions.

- **Dr. Annie Jacob, Director, KCG College of Technology has been awarded Doctorate in Management Studies from IIT Madras.**

- With effect from July 2013, **Department of Mechanical Engineering, K.C.G. College of Technology, has been recognized as a Research Department by Anna University.** This paves way for collaborative research work with Anna University.

- **IETKCTECH - Exemplary Student Chapter of South Asia**
The Student Chapter of Institution of Engineering and Technolgy (UK) at KCG College of Technology (IETKCTECH) was recognized and awarded as Exemplary Student Chapter of South Asia for the year 2012-2013 in the award ceremony at South Asia Community Volunteer Conference at Colombo, Sri Lanka, on 7 Sept'13.

- **KCG Student at Mozilla Summit 2013**
Sunny Gagoi (IV CSE) attended Mozilla Summit 2013 at Santa Clara, USA, in Oct'13. It was an invite-only event and recognizing his work as an intern at Mozilla Foundation, he had been invited to attend the event.

Sunny Gagoi

Mr. Praveen Kumar A
M.E - ED-1ST Rank

Ms. Narmadha
M.E-CS -1ST Rank

IEDC — Activities to Motivate & Encourage Innovators & Entrepreneurs

- Diya Labs an innovative and entrepreneurship venture by **M.N. Pragadish (IV Mech)**, is an official training partner for Robotics and Artificial Intelligence Foundation, Chennai. It conducted a Workshop on Robotics for students of MIT on 29 Sept'13 and for the kids of Safe India, Kalaiselvi Karnalirya, Chennai, on 22 Sept'13, as a CSR activity.

M.N. Pragadish (IV Mech):
→ Presented a paper on 'Design, Fabrication and Testing of a Regenerative Strut' which has been accepted for SAE World Congress, Michigan, USA, to be held in April 2014.
→ Has applied for provisional patent for his innovation 'Hybrid Shock Absorber' – '4306/CHE/2013'.
→ Won **3rd Place** in the 'Design Ace 2013', South India Level Engineering Design Competition conducted by Barry Wehmier International Resources on 21 Sept'13 and shared it with **A. Saravana Kumar (IV Mech)**. Both also participated in DST – CII - India Innovations Initiative – 2013 on 26 Sept'13 and their project has been selected for 2013 Southern Region Fair under the category – Innovations in Energy Sector.

S. Elanthamizhan (II Aero):
→ Won **1st Place** in Robotics Championship conducted by IIT Delhi in association with Technophilia, at Sri Venkateswara Engineering College, Chennai.
→ Won **2nd Place** in Floor Gymnastics conducted by Tamil Nadu Gymnastics Association at Vellore.
→ Won **3rd Place** in Rope Pulling conducted by South Indian Robo -Championship League, Chennai.

- **S. Venkateswaran (III ECE)** won **2nd Place** in Load Pulling in South Indian Robo - Championship League, Chennai.
- Student entrepreneurs, **Vignesh (IV CSE)** and **Sri Prakash (IV CSE)**, the brain behind the business enterprise- Landmark Caters- participated in the Global Student Entrepreneur Award at Bangalore on 24 Aug'13 and were ranked **4th** at the Regional Level.
- Zonal Level Workshop and Competition on 'Autonomous Robot' of Robotyrst'14 was conducted on 3 & 4 Oct'13 in association with IIT, Delhi and Robosapians. Five teams have been selected for the next level.

- Dr. Sumathi Poobal(VP/KCG) and Mr. Dorai Thodla(Mentor, I-Cell, KCG), attended a lecture on 'New Era of Innovation in Global Science and Engineering' delivered by Prof. Subra Suresh, President, Carnegie – Mellon University, USA, at IIT Chennai on 18 July'13. Acquired knowledge was dispensed to all i-cell and e-cell members.
- IEDC Advisory Committee convened a meeting on 23 Aug'13 to review the projects of academic year 2012-2013 and select the most innovative projects for the year 2013-2014.
- M. N. Pragadish (IV Mech) and A. Saravana Kumar (IV Mech) on 12 Sept' 13 underwent training on Hub Motor Technology at M/s Ampere Electric Vehicles, Coimbatore
- A workshop on Experience the Entrepreneurship Excitement was conducted by Ms.Radhika Shankar, Wise Owl Consultancy, Hyderabad, for I B.E/ B.Tech. students.
- Sessions on Project Management were conducted by Mr.T. Jeyaraman, SECO India, Chennai, for III & IV year EEE students.
- 9 students attended the E-Leader Workshop conducted by NEN at Shri. Sunderlal Shasun Jain College for Women, T.Nagar, on 18 Oct'13.
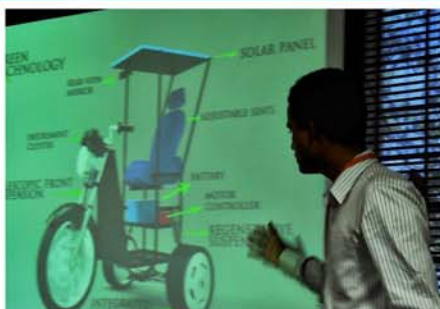- Young Minds Innovation Challenge (YMIC) - an Inter-school / Inter-college Project Expo-Techno Cultural Festival was organized at KCG Campus on 24&25 Jan'14. This was a joint venture of IEDC KCG and Enchanter Corporation, a KCG student start-up.
- Mr.T.Jeyaraman from Seco-India presented a seminar on 'Aspects of Product Design' for a select group of students from III EEE, IIIECE and ME on 3 Feb'14.
- Dr.Sumathi Poobal, Dr.Rosy Fernando, Mr.Dorai Thodla attended a tele-conferencing initiative in setting up of TBI on 4 Feb'14.
- Workshop on "Online Trading' was conducted by Mr. T.R. Arul Rajhan of ECTRA, Chennai in association with Canara Bank, for I & II MCA , III CSE , IV ECE and IV EEE on 20 Feb, 28 Feb and 1 March'14.
- As a part of e-week celebrations (from 1 to 8 March'14) many programmes such as painting competitions, lectures, workshops etc. were organized on the theme 'Innovating for India'.

START-UP INTERNSHIP SERIES

- The start-up internship series had its first start-up internship event. Mr. Anoop Nishanth, Founder and Designer of Maxx Speed addressed 70 students of CSE, MECH & ECE. 7 students will be working as interns in his organization.

- The Aavin Parlour "Mega Bites", an initiative of IEDC, commenced its operation in KCG Campus, on 4 Oct'13. Vignesh (IV CSE) and Sri Prakash (IV CSE) are the founders of the Aavin operation.

CONSULTANCY PROJECTS WITH SECO INDIA

- M.Tamilmagan, M.Vignesh and K.Yogeshwaran (all from III Mech.) are working on 'Urban Cooling System'.

- M.Ananda Kumar, N. Vinod, S.Gayathri and P.Shruthi (all from III ECE) are working on 'Oxygen Analyser'.

- R.Surya Kumar, T.Hemalatha, R.Keerthana and R.Mohan (all from III ECE) are working on 'Solar Energy' .

KCG sports stars - victors all the way

KCG Volleyball Team (Men) won 1st Place for the 3rd Consecutive Time in Bharath University -State Level Inter Collegiate Volleyball Tournament for Men, which was organized at Bharath University on 22 & 23 Aug'13.
KCG Volleyball Team (Men) won 2nd Place in SASTRA COLOSSEUM'13, organized at SASTRA University from 29 Aug'13 to 1 Sept'13.
KCG Volleyball Team (Women) won 2nd Place in SASTRA COLOSSEUM 13, organized at Sastra University from 29 Aug'13 to 1 Sept'13.
KCG Volleyball Team (Men) won 2nd Place in Anna University Zone III Tournament, organized at Mohammad Sathak Engineering College, Chennai, on 2 & 3 Sept'13.
KCG Volleyball Team (Women) won 2nd Place in PITS SPORTIVA 13, organized at PITS , Thanjavur, from 6 to 8 Sept'13.
KCG Volleyball Team (Women) won 2nd Place in Anna University Zone III Tournament, organized at KCG College of Technology, Chennai, from 23 Sept'13.

KCG Football Team (Men) won 4th Place in the SSN Rolling Trophy Football Tournament, organized at SSN College of Engineering, Chennai, from 19 to 22 Aug'13.

KCG PLAYERS IN INTER ZONE MATCHES

VOLLEYBALL (WOMEN)
G.Bakiyalakshmi (IV EEE), A.Kavitha (IV EEE), Shinu Mathew (IV EEE), Nancy.S (II IT), R.Subamangala (I EEE) and K.Apsara (II Civil) participated and won 1st Place in ZONE III Combined Team in Anna University Inter Zonal Volleyball Women Tournament organized at Jei Mathaji College of Engineering, Kanchipuram, on 27 & 28 Sept'13.

TENNIS (MEN)
Aditya Vasant (I Mech) and J.Venkateshwaran (I ECE) have been selected for ZONE III Combined Team in Anna University Inter Zonal Tennis Tournament (Men).

VOLLEYBALL (MEN)
Sarath.N (IV EEE), Azad.K (IV EEE), Deepak Kumar.N (IV EEE), TM Nishanth (III EEE), V. Saravanan(II Mech), R.Morish Harbansingh (II Civil) - have been selected for ZONE III Combined Team in Anna University Inter Zonal Volleyball Tournament (Men).

CRICKET
V.Vijay Raj (II Civil) and G. Suresh (I CSE) have been selected for ZONE III Combined Team in Anna University Inter Zonal Cricket Tournament (Men).

HANDBALL (WOMEN)
N.Indra (I ME) has been selected for ZONE III Combined Team in Anna University Inter Zonal Handball Tournament (Women).

CHESS
V.Sanjeev (III CSE) and G.Suresh (I CSE) have been selected for ZONE III Combined Team in Anna University Inter Zonal Chess Tournament (Men).

ATHLETICS
Laya (III ECE) won the Silver Medal in Javelin Throw in ANNA UNIVERSITY ZONE III Athletic Tournament.
B.Manoj (II E&I) won the Bronze Medal in High Jump in ANNA UNIVERSITY ZONE III Athletic Tournament.

The following events were organized at KCG:

- KCG Verghese Memorial Trophy 2014–an Inter School Volleyball Tournament from 27 to 29 Jan'14.
- 5th KCTECH-Ys Men International TN State Level Inter School Athletic Meet 2014 on 1 Feb'14.

- IETKCTECH won Overall Championship Trophy 2013 from YP-IET Chennai Local Network. IETKCTECH Chennai bagged 20 awards in various categories in the IET-YP Ambition and Achievement Awards Ceremony 2013 held on 19 Oct'13 at Hotel Royal Plaza, Chennai .

- IET KCTECH has been awarded Icon Event of the Year 2013 for Project Challenge 2013 and has been acknowledged as the Most Dynamic Chapter 2013.

KCG Staff Awarded for their Exemplary Performance in IETKCTECH
→ Mr. S. Cloudin (HoD/CSE) - YP-IET CLN DIAMOND SALUTE AWARD 2013.
→ Mr. V.P. SREEKANTHA KUMAR (CSE) - Er. D.A. RAJAN PROMOTIONAL AWARD 2013.
→ Mr. G. VEJEY SUBASH (CSE) - SIR. C. V. RAMAN RESEARCH AWARD 2013.
→ Ms. P. ANURADHA (CSE) - BEST YOUNG TEACHER AWARD 2013.

IETKCTECH Activities

Workshop on Building Mobile Web Applications

IETKCTECH conducted a three-day workshop on 'Building Mobile Web Applications' from 31 Jan'13 to 2 Feb'13 to enlighten students about mobile web applications and to help them work on related projects. The key resource persons were Mr. P. Senthil Kumar, Mr. Venu Arvind and Mr.Shakthi from Open Soft, Chennai. About 100 students from the departments of CSE and IT participated in this workshop.

Workshop on Research Methodologies - Problem Identification

IETKCTECH conducted a two- day workshop on 'Research Methodology – Problem Identification' on 6 &7 May'13 for M.E students. The resource person was Dr.G.S.Mahalakshmi, from the Department of Computer Science and Engineering, Anna University, Chennai. This workshop provided a clear insight into research problem identification and ignited the minds of PG scholars and faculty members who are pursuing research.

IET PROJECT CHALLENGE 2013 ➡

"Project Challenge-2013" was organized by IETKCTECH to select the best projects of the students. On 26 April'13, fear and excitement was writ on many faces as they displayed and awaited the results of their hard and tireless work. Two projects from each department (Aero, CSE, IT, ECE, EEE, Mech) were chosen and the respective

Regional PATW 2013 ●

With the initiative of IET KCTECH Faculty Advisor, Mr. S. Cloudin and Region - II Coordinator Mr. V.P. Sreekantha Kumar (CSE), the Regional PATW 2013 for Region – II was hosted by IETKCTECH on 19 July'13. There were 7 participants from 4 Engineering Colleges in Chennai and Andhra Pradesh. Dr. Albert P' Rayan (S&H) and Dr. P. Deiva Sundari (EEE), both from KCG College of Technology, officiated as judges for **Regional – II PATW 2013** The following students won the first two places in Regional – II PATW 2013 and were recommended for IET PATW Chennai 2013:

- **Akash Madhavan (II CSE)** won **1st Place** for his presentation on **International Power Grid: Thinking the Impossible.**
- **Deepika.V. (III CSE)** won **2nd Place** for her presentation on **Augmented Reality.**

Workshop on Network Simulator NS2 ●

An IET sponsored two-day Hands-on Workshop on Network Simulator NS2 was organized on 22 & 23 Oct'13. Mr.R. Thirukumaran, NS2 Developer, SAT, Infosys, was the resource person. Many PG students and research scholars benefitted from this workshop.

EXPOSING STUDENTS TO LATEST TECHNOLOGY WORKSHOPS, GUEST LECTURES & SEMINARS

Mr.Ananda Kumar
Deputy General Manager,
Schwing Stetter, delivering a lecture on
SIX SIGMA

National Seminar on Frontier Techniques in Automotive Manufacturing

The Department of Mechanical Engineering organized a two-day National Seminar on Frontier Techniques in Automotive Manufacturing on 9 and 10 Oct'13. Mr.Swithun Manoharan, Vice President, TAFE, inaugurated the session and delivered a talk on the Challenges in Farm Machinery Manufacture. 10 sessions were held and around 265 participants, including people from Bangalore and Hyderabad, attended the seminar. Resource persons from premier organizations like VOLVO, ASHOK LEYLAND - NISSAN, ROYAL ENFIELD, HITACHI, TAFE, FORD INDIA and SCHWING STETTER participated and delivered lectures on a variety of topics. The two-day seminar ended successfully with Mr. Arthur Devadawson, General Manager, Ford India delivering the valedictory address and distributing the certificates to the participants.

BAJA Software Workshop

A two-day BAJA software Workshop–CARSIM was organized in Mirza Auditorium on 11 &12 July'13 by the Mechanical Engineering department. The Resource person was Mr. Arun Sundaresan, Application Engineer, Xitadel Technologies, Bangalore. Other than KCG students, students from various colleges around Tamilnadu attended and benefitted from the workshop.

Workshop on Image and Video Processing Using MATLAB

The resource person Mr. Shenbagaraman, Project Manager, CE3IT, Chennai, gave an overview about images, classification of images and the different types of compression methods like the lossy compression and lossless compression. Students were also exposed to steganography, watermarking, graphical user interface and image and video processing. Desktop tools like command window, command history, workspace and launch pad were explained and the students were provided hands-on training on using MATLAB.

Seminar-cum-Workshop on ORCAD

ECE students stepped away from their daily academic schedule on 2 Aug'13 to attend a seminar-cum-workshop on the core industry necessitous software ORCAD. The seminar was initiated by a team of two trained professionals from the CADD CENTRE. The session consisted of a seminar on the introduction of the features on which the effective design of commercially pliable PCB designs would rely. Students were also provided with an opportunity to use that software.

OTHER IN-HOUSE WORKSHOPS AT KCG TO MAKE STUDENTS TECHNO-SAVVY

Department	Title of Workshop	Resource Persons	
MCA (III yr)	Communication Skills	Dr.Albert P' Rayan (S&H) Ms. Revathy Ravichandran (S&H) Ms. Grace Angeline (S&H) KCG College of Technology	
MCA (III yr)	Recent Emerging Trends	Oracle & BSNL Webinar	AUG
MCA (III & II yr)	Rich Internet Application Development	Webinar, Infosys.	
MCA (III yr)	Technical Training on C & Data Structure	Ms. Amrita Samal KCG College of Technology.	
CSE (II, III & IV yr)	How to Develop an Android Application	Mr.Madhav Rajan Android Developer, Chennai.	
IT (IV yr)	Career Growth Development	Mr. G. Raaja, Training Consultant Ladder Steps HR Services, Chennai	
AERO (III & IV yr)	Career Development in CFD/CAE (ANSYS _FLUENT)	Mr. Murali Krishna Ravilla Senior Manager, Business Development HEXDOF Engineering Service Pvt. Ltd, Chennai	SEPT
MCA (III yr)	Android and its Applications	Mr. Arun Kumar , Team Lead-Software Division Pantech Pro Ed. Pvt. Ltd, Chennai. Mr.R.Kumaraswamy Manger-Sales Division Pantech Pro Ed. Pvt. Ltd, Chennai.	
MCA (III yr)	Java & C	Webinar, Infosys.	
MCA (III yr)	PHP & its Applications	Mr. R. Venkatesh Software Engineer Global English India, Chennai.	
MCA (III yr)	Technical Aptitude on Java	S. Alamelu KCG College of Technology.	OCT
CSE (IET KCTECH Students)	Hack Tricks	Mr. Sheikh Hashim & Mr.Shivang Desai Network Security Experts Wegilant Technologies.	

STUDENTS ALSO PARTICIPATED IN WORKSHOPS ORGANIZED IN OTHER COLLEGES

Final Year MCA Students attending Workshop on Recent Emerging Trends

• Gayathri. B (IV CSE), Sandhiya. D (IV CSE) and Logeshwari. S (IV CSE) participated in a one-day Workshop on Research Problems & Solutions in Image Processing & Computer Vision (RPSICV'13) organized at Agni College of Engineering.

• Hemina (III CSE) participated in a two-day Workshop on Hack Track (AARUUSH'13) organized at SRM University.

• Vignesh.V,Rakesh, S.Shamili, A.Sunil Kumar, Jijendiran.K, Nanda Kumar and Sarath Kumar (all from II EEE) participated in a Workshop on MATLAB organized at SSN College of Engineering.

• Vibin Varghese, Thanigai Vel, Reuben Kishore(all from II EEE) participated in a one-day Workshop on Arduino organized at SSN College of Engineering.

• Mohamed Farhan (II EEE) participated in a two-day Workshop on Information Security organized at SRM University

• V.Govindarajan (III Mech) and Aravindlingam (III Mech) participated in a one-day Workshop on Solid Works Design Validation organized at SIM Technologies and Barry Wehmiller.

• 32 students (III & IV Mech) attended a five-day Workshop on CNC & VMC organized at HIET, Chennai.

GUEST LECTURES & SEMINARS ORGANIZED IN THE CAMPUS

Many resource persons from industry like Dr. Debasis Chakraboty, Technology Director, DRDL., Mr.K.Sivatanu, Senior Advisor, RMAC Team, DELL India Ltd, Mr.Dhruv Futnani Managing Director, Green Chennai and eminent academicians like Dr.Ramamurthy.K, Prof., Mechanical Engineering Department I.I.T.Chennai , Dr.K.Jayaraman, Retd. Prof., Department of Aerospace, M.I.T, Chennai to name a few - were invited to give guest lectures and conduct seminars with a view to make students aware of the recent developments in their field of study.

SOME OF THE GUEST LECTURES AND SEMINARS

- Android Application
- Introduction to Thermodynamics
- Introduction to Vibration
- Secure Communication for Smart IoT
- Wireless Technologies - 3G & Above
- Instrumentation Engineering
- Different Types of Control in Process Industry
- Supply Chain Management
- Recent Trends in Electrical Drives and its Application
- Energy Conservation and Electrical Safety
- Recent Trends in Power Electronics and its Application
- Electrical System in Thermal Power Station
- Real Time Usage of Network Security
- Project Management & Documentation
- PCB Design on Orcadd, Robotics
- Six Sigma
- Design of Machine Components and Mission Systems
- Communication and Navigation Satellites of India
- Changing Trends in Automobiles
- CFD for Missile
- Research in Avionics
- Traditional Versus Modern Irrigation Technology
  - Changing Paradigms in Irrigation Technology
- Cloud Implementation
- Java & J2EE, Mobile Computing
- Experimental Aerodynamics
- Risk Management and Compliance
- Networking Java
- Transistor and Characteristics

INDUSTRIAL VISITS

DEPT	YEAR	NAME OF ORGANIZATION	DEPT	YEAR	NAME OF ORGANIZATION
IT	II	RGMTTC, BSNL	CIVIL	II	HHL Centre, L&T
	II	HCL, CDC		III	Coromandel Engineering Construction Limited
	III	ENTEL CADD Engineering Services	EIE	II	Madras Fertilizers Limited
CSE	II	HCL Infosystems	EEE	III	ENTELL CADD Engineering Limited
	II	Nexg. Tech Telecom		III	GMR POWER CORPORATION LIMITED
	III	ISRO, Trivandrum	ECE	II & III	VI Microsystems
	III	Regional Telecom Training Centre.	ME.CSE	II	Regional Telecom Training Centre.
MECH	IV	M/s.Schwing Stetter	MCA	II	Sans Bound Networking Solutions Pvt. Ltd
				III	Sans Pareil IT Services Pvt. Ltd

WINNERS IN CO-CURRICULAR ACTIVITIES

List of KCG students who emerged winners in competitions organized in various colleges

	NAME OF THE STUDENTS	EVENTS	VENUE	POSITION
EIE	Gopi. M (II yr) Divya .S (II yr)	Jive N Twist Tamil Essay Competition	Hindustan University KCG College of Technology	2nd
IT	Harikrishnan. M (IV yr) Athi Arun Kumar.S (IV yr)	Symposium- PC Assembly	MNM Jain Engineering College	1st 1st 2nd
ECE	Koushika (IV yr) Keerthana (IV yr) Anjali Ganesh (IV yr) Amutha Bharathi (IV yr) Dhinakaran (IV yr) Hariharan (IV yr) Kalidasan (IV yr) Arjun (IV yr)	Circuitrix	SSN College of Engineering	2nd 3rd
MECH	Janani (II yr) Manicka Selvi (II yr) Sanjay (II yr) Rayudu (II yr) Vishal (II yr)	Ornithopter Challenge Aero Quiz Competition	VIT, Chennai St. Peters College of Engineering	2nd 3rd
AERO	R.Kowshik (IVyr) S.Karthik (IVyr) Allen Nobel (IVyr)	Quiz Machining	MNM Jain Engineering College	2nd 2nd

IN PLANT TRAINING

	NAME	NAME OF ORGANIZATION	DURATION
IT	A.Thamarai Selvi (III yr)	UNIQ Technologies, Chennai	
	P.Hemavathy (III yr)		
	N.Sanchana (III yr)		
	M.Sangeetha (III yr)		
	A.Sankarapandian (III yr)		
	M.Divakar (III yr)		
	C.Surya (III yr)	HCL, CDC, Chennai	3 Days
	P.Bharanidharan (III yr)		
	K.R.Roopesh Bharatwaj(III yr)		
	Jeroldson (III yr)		
ECE	Radhika Sunil (III yr)		
	Shwetha.R (III yr)		
	Anita Shobana(III yr)		
	Laya.G (III yr)		
	Lavanya Naidu (III yr)		
	Nivedha.K (III yr)		
	Ramya.B (III yr)		
	Aruna Priyadharshini.K (III yr)		
	Abdul Hafeez.S (III yr)	BSNL, Chennai	1 Day
	Venkataramani.C (III yr)		
	Daniel.K Amirtharaj (III yr)		
	Sushithaa.C.N (III yr)		
	Keerthana.K.P (III yr)		
	Bharathaun.L (III yr)		
	Arvind Srinath.R (III yr)		
	Aasapriyanka.K (III yr)		
	Razika.R (III yr)		
	Preethi.R (III yr)		
	Venkateshwaran.S (III yr)		
AERO	Eunice Jennifer.J. (III yr)		
	Steny Ann Sabu (IIIyr)		
	Vishnu.R (III yr)		
	Krishna Prasad.U. (III yr)	HAL, Bangalore	11 Days
	Salmon Babu (III yr)		
	Kiran .M.K. (III yr)		
	Sudhakar.S (IV yr)	TVS Sundaram Clayton Ltd., Chennai	10 Days
CSE	Vinithravardhini.B (IV yr)		
	Pankajsorupa.S (IV yr)		
	Shrilekha.D (IV yr)		
	Sindhuj.R (IV yr)	HCL, Chennai	3 Days
	Vinmani.K.S (IV yr)		
	Subhiksha.L (IV yr)		
	Tanushree. S. Nath (IV yr)		
	Praveen. S (IV yr)		
	Hema. E (III yr)	UNIQ Technologies, Chennai	3 Days
	Bobby. K (III yr)	UNIQ Technologies, Chennai	2 Days
	Deepika. S (III yr)		
	Seshanth. R (III yr)	L&T Infrastructure Development Projects Limited, Chennai	19 Days
	Prathik Kanna. N (III yr)		
	Sheeba Samuel. J (III yr)		
	Sai Santhosh.S (III yr)	Semansys Technologies, Chennai	5 Days
	Shamreen Ahamed. B (III yr)		
	Thanuja.C (III yr)		
MECH	Ganesh Kumar.T (IV yr)	Hyundai. Chennai	
	Vamsidhar Rao (III yr)	Woory Automotives, Chennai	
	TamilMagan (III yr)	Sundaram Fasteners Ltd, Chennai	
	Ganesh Kumar. T (IV yr)	Ashok Leyland, Chennai	
	Balaji (III yr)		
	Mohamed Irfan(III yr)	UCAL Fuel System, Chennai	5 Days
	Aravindh .A. (III yr)		
	Surya. N.K(III yr)	TEBMA Shipyards Ltd, Chennai.	
	Ganesh Kumar.T (IV yr)	Metropolitan Transport Corporation, Chennai	
	Ramcharan.P(III yr)	Woory Automotives, Chennai	
EEE	Amit. R (II yr)		
	Abdul Arshad (IIyr)		
	Absheik. J (II yr)	Ennore Thermal Power Station	7 Days
	Nanda Kumar (II yr)		
	Jijendran (II yr)		
	Jeyanthi (II yr)		
	Abinaya (II yr)		
	Mahalakshmi (II yr)	ICF	7 Days
	Thirumal (II yr)		
	Indra Kumar (II yr)		
	Manjula (II yr)		

NAME	NAME OF ORGANIZATION	DURATION
Ajitha (II yr)	BSNL, Cuddalore	3 Days
Ashmita (II yr)	BADER Al- Mulla Group	5 Days
C.Sangavi (III yr)		
S.Deebika (III yr)	ICF	6 Days
A.Ananya(III yr)		
M.Keerthana (III yr)		
Barrathi.A (II yr)	BSNL, Karaikal	5 Days

EEE

KCG STUDENTS BAG PRIZES FOR THE PAPERS THEY PRESENTED IN VARIOUS CONFERENCES

- S. Shamili (II EEE) bagged the 1st Prize for her paper on *LED* in SAIMAGNICON at Sai Ram Engineering College on 20 Aug'13.
- Maria & Patric (III EEE) won 2nd Prize for their paper on *Power Generation from Speed Braker System* in SAIMAGNICON at Sai Ram Engineering College on 20 Aug'13.
- Zubair M D and Nithin Kumar Vashisth V(CSE) won 2nd Prize for their paper on *Eye Gesture Analysis for the Prevention of Road Accidents* at the National level Conference (KERBEROS'13) organized at Sri Sai Ram Engineering College on13 Aug'13
- Muralidhar (IV ECE), Robin Saxena (IV ECE) and Mohit Kumar (IV ECE) presented a paper on *Wavelet Transform Based Artificial Intelligent Approach to the Detection of Brain Injuries and Epilepsies* in ORBITSE'13 conducted at SSN College of Engineering on 30 Aug'13.
- Yamini Anugrahah (VI ECE) presented a paper on *Video Compression Based on Modified Rate Distortion Algorithm* in ORBITSE'13 conducted at SSN College of Engineering on 30 Aug'13.
- Sibi Jones (VI ECE ECE) and Prasanth (VI ECE) presented a paper on *Security Enhancement Of Biometric Features Using Cryptographic Techniques* in ORBITSE'13 conducted at SSN College of Engineering on 2 Sept'13.
- Shyam Sundar (II Aero) and Mr. Rayudu (II Aero) presented a paper on *Accoustics and Noise Control* in the National Conference on Frugal Engineering at the Institution of Engineers on 15 Sept'13.
- Krishna Reddy (II Aero) and Santhosh (II Aero) presented a paper on *Innovative Technologies* in the National Conference on Frugal Engineering at the Institution of Engineers on 15 Sept'13.
- B. Shayam Sundar (II Aero) and S. Traun (II Aero) presented a paper on *Mathematical Modelling on Fluid Dynamics* in the National Conference on Dynamic System & Mathematical Modelling organized at Ramanujam Institute of Maths on 26 Sept'13
- Shamsudeen (III CSE) presented a paper on *Tracking the Virus* at the National level Conference, CRESTECH '13, organized at B.S.Abdur Rahman University on 1 Oct'13.
- Sriram (III MCA) presented a paper on *Ethical Hacking* in TECHTREND 2013, organized at Sri Eshwar College of Engineering, Coimbatore, on 31 Aug'13.

FROM KCG TOASTMASTERS CLUB

KCG Toast Masters Club, which has been awarded Outstanding Support Splash '13 Award and Beat the Clock Award, helps its members acquire the art of listening, speaking and thinking; which in turn promotes self-actualization, enhances leadership potential and fosters human understanding. The 24 staff members of the club meet every Tuesday for discussion and effective communication. Members have also been participating in various activities like Emergence 2013, Area G4 Humorous speech and Evaluation contest and Officers Training Program Area G2 and some of them have won awards. Mr. Prabhu.R and Mr. Veera Kumar were awarded with Outstanding Service for Splash 2013. Division G Conference was conducted in KCG campus.

SEISCON 2013

A three- day International Conference on Sustainable Energy and Intelligent Systems was organized at KCG College of Technology from 12 to 14 Dec'13. The objective of the conference was to share knowledge on optimization in Power and Energy Systems, Communication Networks and Intelligent Computing, and to provide an international forum for researchers, developers, and users to exchange cutting-edge ideas & results, as also to explore on tools and experiences on a variety of related aspects.

There were paper presentation and panel discussion sessions with many renowned academicians and industrialists from around the world - Dr. Theo Gevers, Professor, University of Amsterdam, The Netherlands, Dr. C. Palanichamy, Professor, Curtin University, Malaysia, Dr. Selvakumar Manickam, Deputy Director, National Advanced IPv6 Centre, University Sains Malaysia, Dr. Padmanaban Ramasamy, Director, Nexgtech Wireless Systems Pvt. Ltd., Bangalore, Dr. Kandhasamy Ganapathy, Ford Technology Solutions Ltd., Chennai and Dr. Niladri Chakraborthy, Professor, Jadavpur University - exchanging their views and enlightening all the participants on recent trends in sustainable energy and intelligent systems.

MoU's have been signed with the following companies :

- **Secnet Technologies,** a world-renowned Network and Security Training Company.
- **Institute of Technology Management and Research – ITMR (HTC)** , which gives training in the field of Cyber Security, Network security, Data Security, Data Mining, Big Data and other related IT and Management training areas.
- **ABE Semiconductor Designs,** operating in Embedded Software Development, Developing Programmable Logic Controllers (PLC & SCADA), and
- **VinChip Systems (P) Ltd.,** which is into chip designing.

These MoU's will benefit CSE, IT, MCA, ECE, EEE and EIE students and enable them to undergo in-plant raining, internships and open opportunities for research and placement.

Onam Utsav 2013 was a star-studded event with Mr. Shyam, the famous music director, as the chief guest and the Life of Pi fame Ms. Shravanthi Sainath as special guest. Festive atmosphere was set with the traditional coconut leaves all around the campus, flowers that spiralled at the front porch, a long artificially made "chundan vallam" and a 6 ft long kathakalli poster.

The programme started with Onam Sadhya. This was followed by a cultural programme which included Thiruvathira, group songs, a comedy skit etc. Instrumental music by Ramkumar Kanakarajan's team and the song by the college band led by Philemon Patrick added more colour to the show. The celebrations ended with Chenda Mellam and the Tug of war.

OTHER EVENTS IN THE CAMPUS

Orientation Day was organized in August & September to welcome the first year UG & PG students respectively. On 6 Aug'13, **Anti Ragging Day,** KCG Principal, Dr.T.Rengaraja, reiterated the need for a friendly atmosphere between the freshers and seniors in the campus and reinforced the idea that KCG was a ragging-free campus. **Teachers Day** was celebrated on 5 Sept'13. A debate was organized among the staff and the Chief Guest, Ms. Hema Gopal, Vice President, TCS, announced the winners. Many literary activities like elocution, debate, poster making and quiz were organized for **Independence Day** and **Republic Day.** A violin recital organized on the occasion of **Women's Day** was a feast to the ears of all who had assembled to celebrate this day.

STAFF TEAM KCG ROCKS!!!!!

KCG faculty members participated in an Inter-Corporate Cultural Event -**'Vodofone RED ICC'**, which unleashed the hidden potentials of the participants and provided an avenue for healthy competition. Out of the 6 events KCG registered in - Dance, Music, Variety Entertainment, Adzap, Fashion and Quiz - Team KCG got shortlisted in 5 during the prelims and was awarded with a 'Best Fair Play Team' title in the Finals, which took place on 8 Sept'13 at Sir Mutha Venkatasubba Rao Concert Hall, Harrington Road, Chetpet.

GEARED TOWARDS PROFESSIONAL DEVELOPMENT OF STAFF

With rapid changes and developments in every field of knowledge, faculty needs to be aware of the recent trends in their field of study. Recognizing the need for this, the management encourages the staff to work towards their professional development. Not only do the staff receive support to participate in conferences, seminars and workshops all over the world, many faculty development programmes (FDPs) are also organized in the campus.

SEMINARS & WORKSHOPS ATTENDED BY KCG STAFF

- Becoming Creative
- Solar Energy Technology & Evaluation
- Empowering Communication Skills in English
- Cryptography and Network Security
- Application of Fuzzy Clustering
- Design & Manufacturing Data Structures

FROM RESEARCH FORUM ➡

Research Forum, KCG College of Technology, organized guest lectures periodically, to enhance the research acumen of post graduate students and staff at KCG. The following were the lectures organized during this semester:

FDPs ORGANIZED AT KCG TO HONE STAFF SKILLS

Research Proposal Documentation, Research Methodology – Problem Identification, Open Source Lab, Problem Solving Technique in Data Mining, Instructional Design and Delivery System, Outcome Based Accreditation Process and Procedures of NBA, Installation, Maintenance & Application of Cadence Software (for both Lab technicians & Staff), Career Development in CFD/CAE(ANSYS _FLUENT) and Big Data and Big Future.

- Machine Intelligence
- Cloud Computing
- Advanced Bio-compatible Materials for Human Transplant
- BEC Teachers Support Programme
- Recent Advances in Microwave Devices & Antennas Technology and Computer Aided Engineering Simulation Using COSMOL

MONTH	TOPIC	RESOURCE PERSON
AUG	MEMS	Mr Sam Bhaskar Assistant Manager Invensys India Pvt. Ltd.
SEPT	Indian Communication Satellites	Mr.T.K.Sundaramurthy Mission Director GEO Spacecraft, ISRO, Bangalore.
OCT	Energy Management System and Ongoing Research in CSIR	Dr. Kota Srinivas ScientistCentral Scientific Instruments Organisation, Chennai.
	Technology Management	Mr.Luke Azariah Manager, Development Engineering EEC Invensys India Ltd., Chennai.
NOV	AICTE - Activities How to Write a Proposal for DST	Dr. S K Patnaik, Director, AICTE. Dr.Gowtham, Director, Centre for Biotechnology Anna University, Chennai.

PAPERS PRESENTED BY KCG STAFF IN VARIOUS CONFERENCES

· Mr. D. Easu (Mech) and R Amrutha (S&H) presented a paper titled *Performance of MR Fluid Dampers Using Nano Ferrous Powder* in the International Conference on Nano Materials in Frontier Applications, organized at Coimbatore Institute of Technology on 10 July'13.

· Mr. Srinivasan (MCA) presented paper titled *Prominent Transformation of Cloud Computing Platforms & its Forces* in the National Conference on Intelligent Systems organized at Hindustan University on 11 &12 July'13.

· Mr. D.Easu (Mech) presented a paper titled *Vibration Isolation Using Hybrid Magnet* in the International Conference on Design and Manufacturing, organized at IIITD&M, Kancheepuram from 18 to 20 July'13.

· Ms. Revathy Ravichandran (S&H) presented a paper titled *Care for your students? Figure Out Their Stress!* in the International Conference titled 21st Century Learners: Leading Styles & Strategies conducted at SRM University from 18 to 20 July'13.

· Ms. Hethesia (S&H) presented a paper titled *Using Literature for Language Teaching* at the International Conference titled 21st Century Learners: Leading Styles & Strategies conducted at SRM University from 18 to 20 July'13.

· Ms M.Geethalakshmi (S&H) presented a paper on *A Study based on Chennai IT Professionals Problems using Fuzzy Cognitive Bimaps (FCBMs)* at the International Conference on Innovative Trends in Natural/Applied Sciences & Energy Technology for Sustainable Development (ITNASETSD-2013), organized at Jawaharlal Nehru University, New Delhi on 27&28 July'13.

· Ms. Kanchana (S&H) presented a paper titled *An Alternative Approach for Teaching in Heterogeneous Classroom* at the National Level Conference on Instructional Methods & Materials for Outcome Based ELT, conducted at B.S. Abdur

· Ms. V. Grace Angeline (S&H) & Ms. S. Sudha (S&H) presented a paper on *Managing Heterogeneous Learners* at the National Level Conference titled Instructional Methods & Materials for Outcome Based ELT, conducted at B.S. Abdur Rahman University on 10 &11 Aug'13.

· Ms. Lavanya Suja (MCA) presented paper titled *Cloud-Computing- Challenges and Merits* in the International Conference on Recent Trends in Computer Applications organized at Hindustan Arts and Science College on 27 & 28 Sept'13.

PUBLICATIONS BY STAFF

· Mr. R. Murugan (EEE) published a paper titled *Artificial Bee Colony Optimization Embedded with Simulated Annealing for the Combined Heat and Power Economic Dispatch Problem* in the International Journal: International Review of Modeling and Simulation, Vol. 6, June'13.

· Ms. J. Anbarasi (AERO) published a paper on *Influence of Control Surfaces in Aircraft Wing Control Reversal Problems –FEA and CFD Analysis*, in the International Journal of Advances in Aerospace Science and Applications, Vol. 3 Sept'13.

· Mr. Jose Anand (ECE) published a paper titled *An Edge Vector and Edge Map Based Boundary Detection in Medical Images* in the International Journal: Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol. 1, June'13.

· Mr. Jose Anand (ECE) published a paper titled *Contour-based Target Detection in Real-time Video* in the International Journal: Computer Trends and Technology (IJCTT), Vol. 4, Aug'13.

· Mr. Jose Anand (ECE) published a paper titled *Signed Pipelined Multiplier Using High Speed Compressors* in the International Journal: Research in Computer Applications and Robotics

· Ms Jose Pravin Praveena (S&H) published a paper titled *A study on Miracles through Holy Bible Using Neutrosophic Cognitive Maps (NCMS)* in the International Journal of Computer Applications (IJCA), Vol. 69, May '13.

· Ms Jose Pravin Praveena (S&H) and Ms Geethalakshmi (S&H) published a paper titled *A Systematic Study on Problems of IT Professionals in Chennai Using Induced Fuzzy Cognitive Maps (IFCMS)* in the International Journal of Engineering Research and Technology (IJERT), Vol. 2, Issue 7, July '13.

· Ms Jose Pravin Praveena (S&H) published a paper titled *A study on Problems Faced by People with Disabilities (PWDs) using Combined Overlap Block Fuzzy Cognitive Maps (COBFCMS)* in the International Journal of Computer theory and Engineering, Vol. 5, Aug '13.

· Ms Jose Pravin Praveena (S&H) published a paper titled *A Study on Miracles through Holy Bible Using Modified Induced Fuzzy Relational Maps (MIFRM)* in the International Journal of Computer Applications (IJCA), Vol.75, Aug'13.

· Ms Geethalakshmi (S&H) published a paper titled *Analysis of Factors Giving Pressure to IT Professionals Using Fuzz Bi-directionals Associative Memories*, in JECET, Vol.1, Issue 3, Nov '13.

· Mr. Sreekantha Kumar V.P. (CSE) published a paper titled *Delay Performance of Multi-hop Wireless Sensor Networks with Mobile Sinks* inAdvanced Computer Engineering and Communication Technology (IJACECT), Feb '13.

· Mr. Sreekantha Kumar V.P. (CSE) published a paper titled *Tracking of Non cooperative Target to Prevent the Gang Injection of False Data Attacks in Wireless Sensor Networks* in Advanced Computer Engineering and Communication Technology (IJACECT), Feb '13.

கல்லூரியில் படிக்கும் போதே பிசினஸ்!

செய்து தந்து விடுகிறார். உங்களுடைய செல்லப் பிராணிகளுடன் நீங்கள் இருப்பதைப் போன்ற ஓவியங்களையும் வரைந்து அத்தி விடுகிறார். அந்த ஓவியத்தை அவரவர் விருப்பத்துக்கேற்ப லேமினேட் செய்தோ, ஃபிரேம் செய்தோ தருகிறார். ஆயில் பெயின்டிங்கும் செய்து வருகிறார். சொந்தமாக ஒரு காலரி ஆரம்பிக்கவேண்டும் என்பது இவரது வருங்கால லட்சியம்.

''இளம் பெண்கள் வெயிலிலிருந்து தங்கள் சருமத்தைக் காத்துக்கொள்ள முகத்தை மூடி அணியும் ஸ்டோல்கள், ஸ்கார்ப்புகள், துப்பட்டாக்கள், மொபைல் பவுச்சுகள் போன்றவற்றை மொத்த விற்பனையாளர்களிடமிருந்து வாங்கி, வை விற்கிறோம்'' என்கிறார்கள்

'செல்லப் பிராணிகளை வளர்த்து வருவோருக்கு உதவும் வகையில், 'பெட்ஸ் பர்த்டே' போன்ற விழாக்களையும் எடுத்து நடத்த உதவுகிறோம். அத்துடன் சாஃப்ட் டாயிஸ், செராமிக் பொருட்கள் தயாரித்தல், கண்ணாடிப் பொருட்களில் வண்ணம் தீட்டி விற்பனை செய்தல், இன்டீரியர் டிசைனிங் ஆலோசனை... பணம் சம்பாதிக்கிறோம்'' என்கிறார்கள்

எம்.ஓ.பி

CHENNAI IS TALKING ABOUT

KCG COLLEGE OF TECHNOLOGY

MOVERS 'N' SHAKERS

n electrifying atmosphere gripped the auditorium of KCG College of Technology as more than a hundred students contested to win the ...th Face 2013. The KCGians made it difficult for ...dges, city-based model Shweta Sridhar and ...dio Mirchi RJ Vaidhi, to shortlist

...ormances gave the first ...r Chennai ...13 a ...ly when

...'s
...ai made her a
...rls and she was
...d K and
...s didn't seem to
...eclared war
...magnificent
...s way to
...e boys.
...umbeats
...ner-up
...cond

WINNER
Elvis Jonathan David A

WINNER
Simerna Jayanthi Sushil

FRESH FACE 2

...ST RUNNER-UP
...ar K

FIRST RUNNER-UP
Malavika Menon K

Shweta Sridhar

Photos: Johan ...

Holding all the aces

EVENT Design ACE 2013 saw engineers come up with solutions for everyday problems

he fifth edition of Design ACE, a South India-level design competition, concluded recently, with students creating great ideas and designs. It was organised by Barry Wehmellers International Resources in partnership with SolidWorks, a ...duces a ...cred ideals or ...design and belief in core engineering.

In what was arguably a congregation of mechanical engineers, the theme of this year's edition was to create a mechanical design that could improve our everyday lifestyle. The contest attracted around 320 registrations. An impressive 94 models were submitted from which 45 models were chosen to go through to the pre-finals stage. Nine teams were selected for the final round from which top three ideas bagged the prizes.

Improving lives

...king around the ...the lives of

WINNERS All the way

...tomobiles seems to have pushed M. Navin Kumar and K. Suresh (first place) from Sri Shakthi Institute of Engineering and Technology, Coimbatore, and the ... (Pragadish and Sara-... place)

While Navin and ... created a foldable car that would reduce the size of the car to up to 30 per cent, Pragadish and Saravana Kumar displayed a working model of a shock absorber that could convert the energy to electricity to power devices and equipments in a vehicle.

"With more vehicles plying, we wanted to free up some space on the road," said Navin and Suresh who received a prize of R 40,000.

The duo from KCG ... out to improve fuel efficiency and use the energy generated to good use. "On... per cent of fuel is us... power the car. Since ...bers generate se...

gadish, who ... signing an e... can be use... tive. "I am ... Motors," h...

Self-help

M. D...
Kumar...
Sona C...
Salen...
eated...
lift...
th...

...dent chapter award for ...engg college: The student chapter of Institution of Engineering and Technology (UK) at ... KCG College of Technology wa... awarded Exemplary Student ... Chapter of South Asia prize in ... ...olombo on September 7. Th... ...warded based on the ...ic conducting

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...an-Thurs-... govern-... e sale of gutka ...sala, shops were ...o sell the products.

KCG MAKES NEWS