



Research Forum (KCG-RF)

23-Sep-2013

In order to promote research activities research forum is formed with research coordinators from various departments

- Objective of the research forum is to bring together all the experts under one platform so as to have centre of excellence in all departments in near future.

Centre of excellence is aimed in the following areas

- Electrical Sciences
- Information and Communication
- Computer science and Applications
- Mechanical Sciences
- Civil Engineering

In order to achieve the Centre of excellence various research groups are identified in the following technical areas.

- Aerodynamics /CFD
- Propulsion
- Structures and composites
- Aircraft Maintenance
- Water resources and environment research group
- Structural engineering and Infrastructure material research
- Datamining and software engineering
- Cloud computing and wireless sensor networks
- Image processing
- Information and network security
- Embedded and VLSI design
- Power and renewable energy
- Surface engineering and Tribology
- Automobile and alternate fuels
- Process planning design and manufacturing

Features of research activities

- Mechanical department is recognized as research centre by Anna university
- Research centre for CSE and ECE under progress
- AICTE sponsored research project on Experimental and Numerical Investigation of coextruded bimetal macro composite (Rs 8.5lakhs)
- AICTE sponsored FDP on Hardware verification techniques to Department of ECE (Rs 4 lakhs)
- AICTE sponsored Staff development programme on Recent development in hydro engines to department of mechanical engineering (Rs 1lakh) in Dec 2009
- AICTE sponsored national conference on computer communication and networking to department of computer science(1.25lakhs) in March 2007

Guest lectures by Industrial experts and Scientist

Sl. No	Date	Time	Venue	Guest	Topic
1	05.08.2013	2 - 3 p.m.	Conference Hall	Mr Sam Bhaskar, Assistant Manager, Invensys India P Ltd.	MEMS
2	12.08.2013	2 - 4 p.m.	Conference Hall	Mr.Chandrasekaran, Vice President, Corporate Affairs, TAKE Solutions, Chennai	Supply Chain Management
3	24.08.2013	9 - 10 a.m.	Conference Hall	Dr.Debasis Chakraborty, Technical Director, DRDL, Hyderabad	CFD for missiles
4	12.09.2013	1.30 - 2.30 p.m.	Conference Hall	Mr Mr. T K Sundaramurthy Mission Director, GEO Spacecraft, ISRO Bangalore	Indian Communication Satellites

Research Forum - Seminars

Sl. No.	Resource Person	Topic	Venue	Date and Time	Participants
1.	Mr. B. Vinod Kumar, Assistant Professor, Dept. of Aero. Engg., KCG College of Technology	Energy Harvesting using Peizo Embedded Glass Fiber Composite in a High-Speed Rotor	Conference Room, KCG College of Technology	17 July 13 2.30 p.m. – 4.00 pm	Research Coordinators and Interested Faculty members from KCG College of Technology
2.	Dr. M. Nagarathinam, Dean & Prof. (Aero), KCG College of Technology	Research Activities in DRDO Labs.	Conference Room, KCG College of Technology	22 July 13 2.30 p.m. – 4.00 pm	Research Coordinators
3.	Mrs. P. Deiva Sundari, Associate Professor, Dept. of EEE, KCG College of Technology	Analysis of Non- linear Instabilities in Power Electronic Converters	Conference Room, KCG College of Technology	29 July 13 2.30 p.m. – 4.00 pm	Research Coordinators and Interested Faculty members from KCG College of Technology
4.	Mr. Ramaratnam, Outstanding Scientist ISRO- VSSC (Retired), Associate Professor, KCG College of Technology	Inertial Systems	Conference Room, KCG College of Technology	12 Aug 13 2.30 p.m. – 4.00 pm	Research Coordinators and Interested Faculty members from KCG College of Technology
5.	Prof. R. R. Elangovan, Ex. ISRO-VSSC, HOD/Aero, KCG College of Technology	Satellite Launch Vehicles	Conference Room, KCG College of Technology	26 Aug 13 2.30 p.m. – 4.00 pm	Research Coordinators and Interested Faculty members from KCG College of Technology

Conference/Workshop/Seminar attended by staff

S.No	Name of the staff & Dept.	Name of Conference / Workshop /Seminar	Date	Host Details	Paper presentation / Participants
1	Mr R R Elangovan,Aero	Workshop on Opportunities for Academia in Composite ++	24-25-Jul-13	Indian Technology Congress 13, Bangalore	Participator
2	Mr D Easu, Mech	International conference on Design and Manufacturing	18-20-Jul-13	IIITD&M, Kanchipuram	Presenter
3	Mr A Praveen Kumar, Mech	One day workshop on Advanced Biocompatible materials for human Implants	29-Aug-13	Coimbatore Institute of Technology, Coimbatore	Participator
4	Mr Prince Jeyalal L, Mech	CAE - Simulation using comsol	13-Sep-13	VIT Chennai	Participator
5	Mr S Srinivasan, MCA	National Conference on Intelligent system 2013	12-Jul-13	Hindustan University	Presenter
6	Mr S Srinivasan, MCA	International Workshop on Cloud computing	20-Aug-13	MIT Campus, Anna University	Participator
7	Mr.T.Thomas Leonid, ECE	Special Workshop on Embedded system	26-27-July-13	Mahalingam College of Engg.Tech	Participator

8	Mr.K.Sivachandar, ECE	Recent trends in wireless Networking and communication engineering	8-10-Aug- 13	VIT, University	Participator
9	Mr.K.Sivachandar, ECE	International Conferenceon Human Computer Interactions ICHCI'13	23-Aug-13	Saveetha University	Presenter
10	Mr Jose Anand, ECE	Educators day	2-Sep-13	National Instruments	Participator
11	Mr Jose Anand, ECE	Conference on Intel Tech Phi Drive	18-Sep-13	Wipro & Intel	Participator
12	Mr Sakthisaravanan, EEE	Workshop on Solar Energy Technologys Evaluations	21-Aug-13	Hindustan University, Padur	Participator
13	Mr S Rajesh, EEE	Workshop on Solar Energy Technologys Evaluations	21-Aug-13	Hindustan University, Padur	Participator
14	Dr. R.Senthil, EIE	Workshop on Opportunities for Academia in Composite ++	24-25-Jul-13	Indian Technology Congress 13, Bangalore	Participator
15	Dr. R.Senthil, EIE	Educators day	2-Sep-13	National Instruments	Participator
16	Dr. R.Senthil, EIE	FICCI Summit	4,5,6-Sep-13	New Delhi	Participator

17	Ms R Adline Freeda, IT	Cloud Computing	14-Aug-13	TCS,Siruseri	Participator
18	Mr V Kishor Kumar, Civil	Workshop on Warm Mix Asphalt - Challenges and Way Forward	8-9-August 13	Indian Institute of Technology Madras, Chennai 36	Participator
19	Ms. Y Rekha, Civil	Sustaining the ecology of chennai and its peri-urban areas	27-Aug-13	MIDS	Participator
20	Dr R Amrutha, S&H	International conference on Nanomaterials for Frontier Applications	11-12-July- 13	Coimbatore Institute of Technology	Presenter
21	Ms Revathy, Ravichandran, S&H	International conference on 21st Century learners - styles and strategies	18-20-July- 13	SRM University	Presenter
22	Ms.D Hethesia, S&H	International conference on 21st Century learners - styles and strategies	18-20-July- 13	SRM University	Presenter
23	Ms Grace Angeline, S&H	Bridge course	29-30-July- 13	MIT, Chennai	Participator
24	Ms Sudha S, S&H	Bridge course	29-30-July- 13	MIT, Chennai	Participator
25	Ms Grace Angeline, S&H	BEC, Teacher support	30-31-July- 13	Saveetha Engineering College	Participator

26	Ms Sudha S, S&H	BEC, Teacher support	30-31-July-13	Saveetha Engineering College	Participator
27	Dr Albert P Rayan, S&H	Research Methodology in ELT, Modern Litt and Cinematization	13-Sep-13	Dr MGR University	As resource person
28	A Joseph Anburaj,, Library	Next Generation Services (NGLS) - National conference	16-17-8-2013	JBAS College for women &SALIS	Participator
29	Vejeey Subash Gandyer, CSE	Workshop on Cloud Computing with AWS	20-Sep-13	Computer Society of India	Participator

Executive committee Members

- 1. Dr.T.Rengaraja(Principal)**
- 2. Dr.R.Senthil Dean(Research)**
- 3. Dr.M.Krishnamoorthy(President KCG-RF)**
- 4. Dr.P.Deivasundari (Secretary KCG-RF)**

Research Coordinators

- 1. Dr.A Kulasekaran, Professor, S&H**
- 2. Mr Ravindran/Mr Vinod, AP, Aero**
- 3. Mr.Muthuraman, Assoc Prof. Mech**
- 4. Mr Srinivasan, Assoc Prof.MCA**
- 5. Mr Kumaran, AP, Civil**
- 6. Mr Sampath, AP, IT**
- 7. Mr. Jose Anand, Assoc Prof, ECE**
- 8. Mr Benjamin Arul, AP, EIE**