...r updates of conference, please visit our website: www.kirc.ac.in

Send filled details at:
Dr. Shruti Oza/Prof. Chetan Vora
Convener, NCAET-2012
Kalol Institute of Technology & Research Centre,
B/H Old Janpath Hotel,Near Ahmedabad-Mehsana Highway, Kalol-382721, North Gujarat

Paper Submissions: Submit your full paper in IEEE format at below mentioned E-mail ID (Track wise) before **Feb. 10, 2012**

E-mail:
1. **ncaet.ee@kirc.ac.in** for Electrical Engg.
2. **ncaet.ec@kirc.ac.in** for EC Engg.
3. **ncaet.civil@kirc.ac.in** for Civil Engg.
4. **ncaet.mech@kirc.ac.in** for Mechanical Engg.
5. **ncaet.ce@kirc.ac.in** for Computer Science & Engg.
6. **ncaet.it@kirc.ac.in** for IT Engg.

Registration Fees*:
For Authors:
PG Students/Researcher-Rs. 1200/-
Academicians-Rs. 1500/-
Industry delegates-Rs. 2000/-
For attendee: Rs. 600/-
* Registration fees include lunch, high tea and conference material.

How to Register? Send filled registration form along with DD/Local Cheque (hard copy) at above mentioned address after receiving paper acceptance e-mail. DD/Local Cheque must be in favor of Principal,KIT&RC payable at Kalol. Please send scan copy of payment proof and registration form at track wise E-mail ID.

Important dates:
Full paper submissions: **Feb. 10, 2012**
Notification of acceptance: **Feb. 20, 2012**
Registration and camera ready paper submission
...n : **Feb. 28, 2012**

(NCAET-2012)
March 9-10, 2012.
National Conference
on
Advances in Engineering and Technology

Organized by

Kalol Institute of Technology
&
Research Centre, Kalol

(Managed by Umiya Mata Kadva Patidar Education and Samaj Seva Trust)

About Trust: Umiya Mata Kadva Patidar Education And Samaj Seva Trust is established since 2006 with main objective to promote professional education in Gujarat and particularly in and around Ahmedabad-Gandhinagar region. The trust has following institutes in the same campus.
1. Kalol Institute of Technology and Research Centre
2. Kalol Institute of Pharmacy
3. Kalol Institute of Management & Master of Computer Application

About Institute: KIT&RC-engineering institute has been established in 2006. The institute is located at Kalol (North Gujarat), offering four-year full time engineering courses in EC, CE, Civil, Mechanical, IT & EE. During year 2010,the institute has started PG programs and atpresent institute is offering masters in EC, IT and CE branches.

About Conference: We announce first National Conference "National Conference on Advances in Engineering and Technology-NCAET-2012" during March 9-10, 2012. NCAET-2012 is a multidisciplinary conference encompassing themes related to disciplines of Computer Science and Technology,Information Technology,Civil Engineering, Electronics & Communication, Mechanical and Electrical Engineering. The objective of the conference is to bring professional Engineers, academicians and research scholars of matching interests on a common platform to share new ideas,experiences,and knowledge in various fields of Engineering and Technology. The conference program will consist of peer-reviewed paper presentations inparallel technical sessions. In addition, keynote lectures and expert lectures will be conducted during the conference. Such interactions will facilitate better understanding about technological developments amongst the peers. This conference will certainly ignite the minds of the researchers for undertaking more interdisciplinary collaborative research for up gradation of technology

Conveners:
Dr. Shruti Oza (+91 98258 52922)
Prof. Chetan Vora(+91 94274 94789)

Detailed Tracks:

Track-1: Electrical Engineering

Major Topics (Not limited to):
1. Power System
2. Power Electronics
3. Smart Grid, Distributed Generation
4. Non-Conventional Energy Resources
5. High Voltage Engineering
6. Advanced Protection for Power System
7. Design and Analysis of Advanced Electrical Machines

Track-2: EC Engineering

Major Topics (Not limited to):
1. Electronics Circuits and Systems
2. Communication System
3. Signal/Image Processing
4. RF Circuits
5. System On Chip
6. Wireless Communication and Networking
7. Information Theory and Coding
8. Optical Communication
9. Embedded System
10. VLSI Design and Technology
11. Testing and Verification

Track-3: Computer Science and Information Technology

Major Topics (Not limited to):
1. Algorithms
2. Artificial Intelligence & Expert Systems
3. Data Communication and Networks
4. Compiler and Interpreters
5. Advanced Computer Architecture
6. Data Mining & Warehousing
7. Distributed and Parallel Computing
8. Distributed Systems
9. Grid/Cluster/Cloud Computing
10. High Performance Computing
11. Operating Systems
12. Security & Cryptography
13. Software Engineering
14. Web Services
15. Intelligent Patterns/Image Recognition, Biometrics
16. Sensor Network

Track-4: Civil Engineering

Major Topics (Not limited to):
1. Transportation Engineering
2. Water Resource Engineering/Management
3. Geotechnical Engineering
4. GIS & Remote Sensing
5. Structural Engineering
6. Concrete Technology
7. Environment Engineering

Track-5: Mechanical Engineering

Major Topics (Not limited to):
1. CAD/CAM/CIM/Robotics
2. Machine Design
3. Thermal and Fluid Engineering
4. Manufacturing Processes & Simulation
5. Non Traditional Machining
6. Automobile Engineering
7. Heat Transfer/Combustion
8. Materials and Metallurgy
9. Welding Technology
10. Industrial Engineering
11. Advances in IC Engine

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