

TECHNICAL PAPER PRESENTATION

OVERVIEW:

IETE and IEEE offer you the opportunity to present your research work and technical papers on the following themes-

- **IC -The Future**
- **Cyber Security**
- **Automation Of Cars Using Embedded Systems**

ABSTRACT:

- **IC -The Future:** Integrated circuits(ICs) are self-contained circuits with many separate components such as transistors ,diodes ,resistors and capacitors etched into a tiny silicon chip. ICs are more reliable because of elimination of soldered joints and the need for fewer interconnections. The future of integrated circuit is very dynamic and holds many opportunities.
- **Cyber Security:** Computer security, also known as cyber security or IT security, is the protection of information systems from theft or damage to the hardware, the software, and to the information on them, as well as from disruption or misdirection of the services they provide. The field is of growing importance due to the increasing reliance on computer systems and the Internet in most societies, wireless networks such as Bluetooth and Wi-Fi - and the growth of "smart" devices, including smart phones, televisions and tiny devices as part of the Internet of Things.
- **Automation Of Cars Using Embedded Systems:** The technical advancements have brought various changes in all the fields. The development in embedded technology has led to the development of various intelligence systems. The advancements in embedded systems have brought a lot of changes in the automation systems. Automated cars have a lot of advantages in terms of ensuring a smooth ride and better management of traffic flows in the cities of the future. The data monitored by these vehicle exponentially decrease chances of occurrence of accidents.

We believe this topics will be taken in great spirits by the students and will be considered as a platform for young engineers to explore this field and put forth their ideas which would certainly contribute towards the betterment.

Different innovative technologies and current trends which are presently being used in various fields can also be studied. Factors like scope of improvement in the various existing technologies, solutions to any problems being faced currently; major contributors and role of leading establishments and firms in implementing these technologies can be considered.

NOTE: Students are expected to produce relevant information of their selected topic in the paper and also offer their views, opinions, innovations, solutions, modifications and/or suggestions which would serve as food for thought for fellow engineers.

RULES AND REGULATIONS:

- Maximum number of members per team:3.
- Eligibility: Students from all the departments and regardless of the year in which they are studying are eligible to apply.
- Final Presentation Structure: Final Presentation should be in the form of a power point presentation not exceeding 15 slides. Participants will be allowed to present for 10 minutes max. and give 5 minutes to Q & A session. Participants will not be allowed to exceed this time limit under any circumstances. The judges and organizers' decision will be final and binding on all teams.
- Email the soft copy of complete paper to: abhiyantriki16@gmail.com
- Only shortlisted teams will be presenting their paper and PPT presentation.
- Shortlisted teams will be given certificate.
- Students from K. J. Somaiya College Of Engineering are expected to submit a hard-copy of the paper at registration desk.



PROCEDURAL STEPS:

1. Pay the registration fees to us
2. Mail us your paper and submit the hard copy.
3. Search for your name in list of shortlisted candidates,
4. If your name is present, Be there on the day of Abhiyantriki.

Important date:

27th September 2016 till 5pm –Deadline for Submission of the papers.

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