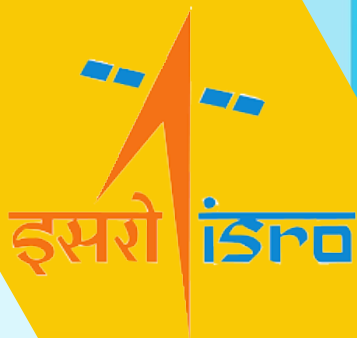


# NATIONAL CONFERENCE

Department of Electrical  
&  
Electronics Engineering



ISRO-Sponsored NATIONAL CONFERENCE on

FUTURE TRENDS IN  
CONTROL, COMMUNICATION  
AND POWER SYSTEMS

01-04-2016 & 02-04-2016



# Excël

COLLEGE OF ENGINEERING & TECHNOLOGY

## About the Institution

Excel has state-of-the-art infrastructure - architectural extravaganza matching international standards - modernized laboratories for all the departments besides an exclusive aero pavilion with MIG 23, MIG 21, Cessna aircrafts, Jet engines, Piston Engines and all aircraft accessories; expert faculty with Ph.D and support from guest faculty from industries. Excel Campus has more than 11 lakhs sq.ft built-up area, Air conditioned auditoriums and seminar halls apart from large area for sports and games facilities, over a sprawling land of 100 acres. The Data centre has Blade Server connecting 1500 computers by optic fibre.

Excel Group Institutions is awarded with Brands Academy Education Excellence Award for "The fastest growing Engineering College in Tamilnadu" for the academic year 2011-2012. It is ranked 5th among the Top Engineering Colleges in Tamilnadu by Silicon India Survey 2015 and ranked 14 by All India Ranking of B-Schools-2014 by Silicon India Ltd. Bengaluru. Students from other states from India and abroad throng for admission in our institutions and make life at Excel at the International Standards. The Hostels accommodate about 50% of the students studying at Excel.

## About the college

Excel College of Engineering and Technology's vision since its inception has been to be one of the world's great colleges for the public good. In the words of our Hon. Chairman, Prof. Dr. A. K.Natesan, Excel Group Institutions is directed towards the "Excellence in Higher Education", towards uplifting of the whole rural people in Tamilnadu, across India and around the world. We at Excel, Dare to Discover new avenues in technical education and Dare to Deliver by innovative methods...At its foundation lie talented people—students, faculty, and staff—who with their creativity, ingenuity, and drive will join in advancing human knowledge and pursuing scientific discovery for the benefit of all.

## About the department

EEE Department was established in the year 2009 by the EXCEL GROUP INSTITUTIONS. The department provides extracurricular activities and personality development. EEE Department has well equipped Laboratory such as Electrical Machines Laboratory, Measurement and instrumentation Laboratory, Control System Laboratory, Power Electronics Laboratory. The Association of Electrical and Electronics Engineering is named as "SPATIANZ". Under "SPATIANZ" many Association activities like seminars and guest lecturers were conducted. Thus department is constantly conducting several programs for the benefit of students.

## About the conference

The scope of the conference includes all the areas in Control Systems, Communication and Power Systems,

- The primary goal of the conference is to promote research and development activities in Control Systems, Communication and Power Systems in India.
- The conference also aims to offer a collaborative platform for the people in academics, research and industry to address emerging issues and solutions in the above mentioned areas.
- The conference will provide an opportunity to share views and ideas in Control Systems, Communication and Power Systems. This naturally facilitates sustained research and exchange of ideas in the said areas. The two day program will consist of paper presentations and panel discussion.

## Advisory Committee

Dr. T. Manikandan,  
Principal, PA College of Engineering & Technology  
Dr. S. Vijayan,  
Principal, Suriya College of Engineering  
Dr. M. Shankar,  
Principal, Sri Nandhanam College of Engineering & Technology  
Dr. N. Arun, Asso.Prof/SEE - VIT  
Dr. R. Anitha, HoD/EEE - IRTT  
Dr. N. Senthilnathan, HoD/EEE, Kongu Engineering College  
Dr. U. S. Raghupathy, HoD/E&I, Kongu Engineering College  
Dr. R. Bharanikumar,  
Prof/EEE, Bannari Amman Institute of Technology

Dr. R. Balamurugan,  
Prof/EEE, KSR College of Technology  
Dr. C. Karthikeyan  
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Dr. M. Vijayakumar  
Asso.prof/EEE, KSR College of Engineering  
Dr. C. Nagarajan  
HoD/EEE, Muthayammal College of Engineering  
Dr. R. Prakash  
HoD/EEE, Vivekananda College of Engineering for women  
VEE VEE Technologies  
RG Motors  
Alpha Engineering

## Topics for Conference

The topics of the FTCCPS '16 include, but not limited to, the following:

- |                                      |   |   |
|--------------------------------------|---|---|
| 1. Cooperative Control               | 10. Antenna Applications                  | 20. Hydro, Thermal and Nuclear power plants |
| 2. Drives & Controls                 | 11. Coding Techniques                     | 21. Distributed generation                  |
| 3. Intelligent Control               | 12. Modeling & Simulation                 | 22. Renewable energy sources                |
| 4. Linear & Nonlinear Control        | of Communication Systems                  | 23. Transmission distribution               |
| 5. Process Control & Instrumentation | 13. Network Architecture & Protocol       | 24. FACTS and HVDC                          |
| 6. Industrial Automation             | 14. Optical Fiber/Microwave Communication | 25. Power Quality                           |
| 7. Controls in Aerospace             | 15. Satellite Communication               | 26. Nanotechnology for energy applications  |
| 8. Robotics                          | 16. Speech/Image Processing               | 27. Wireless transmission of power          |
| 9. Sliding Mode Control              | 17. Wired & Wireless Communication        | 28. SCADA                                   |
| and related topics                   | 18. Electromagnetic                       | 29. Hybrid vehicles                         |
|                                      | 19. Radar and related topics              | 30. Embedded System and related topics      |

## Full Paper Submission:

One copy of Full Paper (typed in MS Word) is to be submitted in IEEE Double column format as Electronic submission - Attachments to email: [ncftccps@gmail.com](mailto:ncftccps@gmail.com)  
(Note: One Soft copy in CD and two hard copies of the paper has to be sent to conference address)

## Important Dates

Last Date for Full Paper Submission: 15/03/2016 Intimation of Acceptance: 20/03/2016  
Last Date for Camera Ready paper : 26/03/2016

## Registration:

Please send the duly filled-in registration form to the Organizing Chairs on or before March 12, 2016. The demand draft is to be drawn in favor of "The EEE department, Excel College of Engineering and Technology" payable at Bhavani. The registration fee, which covers the cost of registration kit, participation in all the activities of the conference, lunch and tea, is as follows:

**UG Students Rs. 1000**  
**Academicians Rs.1250**

**PG Students Rs.1500**  
**R&D / Ph.D research scholars Rs.1250**

All the selected papers will be published in any one of the following reputed journal after peer review:  
IJMRME - International Journal of Multi-disciplinary Research and Modern Education  
IJSRME - International Journal of Scientific Research and Modern Education  
IJERME - International Journal of Engineering Research and Modern Education  
IJCRME - International Journal of Current Research and Modern Education

## Contact Address:

Conference coordinator - FTCCPS'16  
Department of EEE  
Excel College of Engineering & Technology  
NH-47, Salem Main Road, Pallakapalayam (po), Komarapalayam Taluk  
Namakkal Dt, Tamilnadu - 637303

## **Chief Patron:**

**Prof. Dr. A.K. Natesan**  
Hon. Chairman, Excel Group Institutions

## **Patron:**

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## **Chief Patron:**

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HoD/EEE / ECET

## **Co-ordinator:**

**Prof. R. Gunasekaran**  
Asst. Prof, EEE / ECET

**Prof. M. Balamurugan**  
Asst. Prof, EEE / ECET

## **Organizing Committee:**

Staff and Students of EEE department

## **Who can Register:**

The conference is open for Engineering College Faculty members, UG students, PG Scholars & Research Scholars of EEE department, E&I department, C&I department, and ECE department.

With best Compliments from:

- ◆ **Excel Engineering College** ◆ **Excel Business School**
- ◆ **Excel College of Architecture & Planning** ◆
- ◆ **Excel Polytechnic College** ◆ **Excel College of Education**
- ◆ **Kandhaswamy College of Education** ◆

