

## SOMAIYA VIDYAVIHAR

Padmabhushan (Late) Shri. K. J. Somaiya, an entrepreneur and philanthropist, established Somaiya Vidyavihar for imparting value-based education to today's youth. It is one of the largest private educational campuses in Mumbai. He had the vision and grit to achieve his dreams single-mindedly. (Late) Dr. Shri. S. K. Somaiya was a great visionary who further developed campus with more than 34 institutions. The Somaiya Vidyavihar offers school education, diplomas and under graduate/post graduate degree programs in various disciplines.

### ABOUT KJSCE

K.J Somaiya College of Engineering (KJSCE) established in 1983 is an Autonomous College Affiliated to University of Mumbai and has permanent affiliation to the University of Mumbai. Presently institute offers five undergraduate courses Computer, Electronics, E&TC, Information Technology and Mechanical Engineering which are provisionally accredited up to November 2016. The institute also offers post graduate courses in Mechanical, Electronics, E&TC, IT, and Computer Engineering.

### THEME

K. J. Somaiya College of Engineering and the ISTE Student Chapter – KJSCE is organizing **PRAKALPA 15** on 05, 07 March, 2015. The competition is being organized since 2006 and now becoming more and more popular among the students.

#### **I) Conference on Security Systems on 05/03/2015**

The theme of this year's Prakalpa is Security Systems. Papers are invited from students based on any one of the following categories. Send the paper via e-mail only for scrutiny in standard two column IEEE format. In covering letter of e-mail quote your **affiliation and the category**.

1. **Electronic and Mechanical Security Systems:** Wide range of security systems used in Home, Bank, Airport Security etc.
2. **Cyber/Computer Security:** Cyber Attacks; Hacking; Network Security; Security by Design etc.
3. **Multimedia Data Security:** Security of image, video, audio data through various techniques like encryption, authentication, cryptography etc.
4. **Cellular Security Systems:** Wireless Security Systems; Security Systems based on Mobile Phones
5. **Security Management in Organizations:** Loss Prevention; Security Risk Management; Security Policy Implementations

**II) Open theater play competition on Women Security and Use of Technology 05/03/2015.** The competition is for **Open theater play** of about **fifteen minutes** having script written with central idea as how technology can be used in improving safety and security of women. The minimum participants **per group are 02 and maximum 08**. The participants need not send the complete script but central idea should be sent via e-mail for scrutiny. The script can be in Hindi, Marathi or English with ethical language. All rights are reserved with organizers to disqualify entry at any level.

#### **III) Theme Based Project Competition on 07/03/2015**

The **PRAKALPA 15** will have separate section of theme based working project competition. The theme is **Security Systems**. The participants are requested to send

separate entries via e-mail for this theme based project competition.

#### **IV) Working Model/Project Exhibition/Competition on 07/03/2015**

This competition is open to FE to BE students from engineering colleges. Send the synopsis of project in **any diverse field** via e-mail for scrutiny. For the evaluation of this competition there will be separate category for FE/SE/TE and BE, each with software and hardware based projects. Please mention year and type of project (software/hardware) in e-mail clearly while sending synopsis. **Same group with multiple entries on same topic/project/theme in all competitions is not permitted.**

### PRIZES

Cash prizes for winners and participation certificate for all participants will be given. All rights are reserved with the organizers.

#### **I) Conference on Security Systems**

Cash prize of Rs. 1500 per category for best paper.

#### **II) Open theater play on Women Security and Use of Technology**

Cash prizes: 1<sup>st</sup> prize Rs.2000, 2<sup>nd</sup> prize Rs.1500 and 3<sup>rd</sup> prize Rs.1000.

#### **III) Theme Based Project Competition**

Cash prizes: 1<sup>st</sup> prize Rs.3000, 2<sup>nd</sup> prize Rs.2000 and 3<sup>rd</sup> prize Rs.1000.

#### **IV) Project exhibition/competition**

Cash prizes: 1<sup>st</sup> prize Rs. 3000, 2<sup>nd</sup> prize Rs.2000 and 3<sup>rd</sup> prize Rs.1000 and consolation prize Rs. 500 in each category. The projects will be classified into different categories (all rights reserved with organizers)

### SCHEDULE

#### **I) Conference on Security Systems**

- Date of conference: March 05, 2015 (Thursday)
- Last date for sending paper via e-mail in standard two column format (A4 size paper, 12 font size, Times New Roman) on or before February 26,2015

#### **II) Open theater play on Women Security and Use of Technology**

- Date of competition: March 05, 2015 (Thursday)
- Last date for sending entry via e-mail on or before February 26,2015

#### **III) Theme Based Project Competition**

- Date of theme based project competition: March 07, 2015 (Saturday)
- Submission of synopsis via e-mail in standard one column format (A4 size paper, 12 font size, Times New Roman) on or before February 26,2015

#### **IV) Project Exhibition/Competition**

- Date of project exhibition / competition: March 07, 2015 (Saturday)
- Submission of synopsis via e-mail in standard one column for project exhibition on or before February 26,2015

Registration Fee for conference / Open theater play/project competition: **Rs. 600/- per group (other than KJSCE students) and Rs. 400/- per group (KJSCE students).**

Payment of registration fee should be done on the day of competition. Competitions will start at 9.30 a.m. sharp. Participants may plan for return journey after 7.00 p.m.

**Prize distribution ceremony on both days will be at 5.30 p.m.**

**For brochure/entry form and queries: e-mail to [prakalpa2015@gmail.com](mailto:prakalpa2015@gmail.com) or visit [www.iste-kjsce.org](http://www.iste-kjsce.org) or contact on 8097345396, 9619552576**

**Patrons**

**Dr. Shubha Pandit**, Principal  
**Prof. A. S. Thosar**, Vice Principal  
**Dr. N. R. Gilke**, Vice Principal

**Advisors**

**Dr. R. G. Karandikar**  
**Prof. M. S. Marathe**  
**Prof. A. S. Phadke**  
**Prof. A. S. Desai**

**Convener**

**Prof. Vicky Chheda**  
**Prof. Manjitsingh Valvi**

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Head, EXTC Dept.  
**Prof. Lekha Das**  
Head, ETRX Dept.  
**Prof. H. N. Bharathi**  
Head, Computer Dept.  
**Prof. Sangeeta Nagpure**  
Head, IT Dept.

**Prof. Ramola Sinha**

Head, Mechanical Dept.  
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**Bro. Ghanshyam Dave**  
Chairperson, ISTE Students' Chapter  
**Sis Priya Asher**  
Treasurer, ISTE Students' Chapter



**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

Presents

# Prakalpa 2015

State Level Conference and Working Model Exhibition  
March 05 & 07, 2015

Organized by

ISTE Students' Chapter KJSCE (MH-60)

**Contact**

**Convener, Prakalpa 2015**  
**K. J. Somaiya College of Engineering**  
**Vidyavihar, Mumbai - 400 077**  
**www.somaiya.edu/vidyavihar/kjsce**  
**[prakalpa2015@gmail.com](mailto:prakalpa2015@gmail.com)**  
**[www.iste-kjsce.org](http://www.iste-kjsce.org)**

**Registration procedure:**

- The link for the registration is available on [www.iste-kjsce.org](http://www.iste-kjsce.org)
- Fill the Google form by clicking on the link and submit it with details of the entire team (only one form to be submitted per team).
- A confirmation email will be sent to you within a few days.

**Note:**

- Food coupons will be provided on Prakalpa day to each member of the team.
- The competitions will be judged by professionals from esteemed institutions and various industries.
- For any queries contact on 8097345396, 9619552576 or send an e-mail to [prakalpa2015@gmail.com](mailto:prakalpa2015@gmail.com)