

## REGISTRATION DETAILS

Academicians, R&D Research Scholars / Student	Rs. 500/-
(Registration Fee includes Course Contents and Lunch)	
Last date for Registration	: 06-12-2017
Date of Intimation	: 08-12-2017

## RESOURCE PERSONS

**Dr. KAMALA KRITHIVASAN**, IITM  
**Dr. RAJESWARI SRIDHAR**, Anna University  
**Dr. WI SURESH KUMAR**, IITT  
**Dr. G. UMARANI SRIKANTH**, SAEC  
**Dr. R. PRASANNA KUMAR**, SAEC  
**Ms. D. VINODHA**, SAEC

## All communications should be sent to :

**THE COORDINATOR**,  
FDP on AUTOMATA THEORY AND COMPILERS  
CSE DEPARTMENT

### **S.A. ENGINEERING COLLEGE**

Poonamallee - Avadi Main Road,  
Thiruverkadu, Chennai - 600 077  
Phone : 044-26801999  
Mobile : 9962784888 / 9840202178  
Email Id : [fdp-automata@saec.ac.in](mailto:fdp-automata@saec.ac.in)  
Website : [www.saec.ac.in](http://www.saec.ac.in)

### **FOUNDER**

(Late) **Shri D. SUDHARSSANAM**

### **CHIEF PATRONS**

**Shri. D. DURAISWAMY**, Chairman  
**Shri. D. PARANTHAMAN**, Vice Chairman  
**Shri. D. DASARATHAN**, Secretary  
**Shri. S. AMARNAATH**, Treasurer  
**Shri. S. GOPINATH**, Joint Secretary

### **PATRON**

**Shri. P. VENKATESH RAJA**, B.E., M.S.,  
Director

### **PRINCIPAL**

**Dr. P. K. NAGARAJAN**, M.E., Ph.D.,

### **ORGANIZING COMMITTEE**

**Dr. E.A. MARY ANITA**, Prof. / CSE  
**Dr. S. VEENA**, Prof. / CSE  
**Dr. R. GEETHA**, Prof. / CSE  
**Dr. M. PREETHA**, Assoc. Prof. / CSE  
**Mr. C. BALAKRISHNAN**, Assoc. Prof. / CSE  
**Ms. N.S. USHA**, Assoc. Prof. / CSE  
**Mr. A. MANI**, Assoc. Prof. / CSE

## FACULTY DEVELOPMENT PROGRAMME

on

## AUTOMATA THEORY AND COMPILERS

Date : 13 - 15<sup>th</sup> December 2017

*Coordinators*

**Dr. G. UMARANI SRIKANTH**, HOD/CSE  
**Dr. R. PRASANNA KUMAR**, Prof./CSE  
**Ms. D. VINODHA**, Assoc.Prof./CSE

*Organized by*

**Department of Computer Science and Engineering**



## S.A. ENGINEERING COLLEGE

(Accredited by NBA, NAAC with 'A' Grade &  
ISO 9001: 2008 Certified Institution)

Poonamallee - Avadi Main Road,  
Thiruverkadu, Chennai – 600 077.  
Phone : 044-2680 1999, 2680 1499  
Fax : 044-2680 1899  
Website : [www.saec.ac.in](http://www.saec.ac.in)

## ABOUT THE INSTITUTION

S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. The college is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamil Nadu. The college is well-planned with 4 lakhs sq.ft. of constructed area which includes classrooms, drawing halls, laboratories, workshops and associated facilities. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001:2008 Certification. The college is accredited by NBA, NAAC with 'A' Grade. The college offers following 6 U.G programmes and 7 P.G programmes.

B.E. - Civil Engineering  
B.E. - Computer Science and Engineering  
B.E. - Electronics and Communication Engineering  
B.E. - Electrical and Electronics Engineering  
B.E. - Mechanical Engineering  
B.Tech. - Information Technology  
M.E. - CAD/CAM  
M.E. - Communication Systems  
M.E. - Computer Science and Engineering  
M.E. - Embedded System Technologies  
M.E. - Power Electronics and Drives  
M.B.A. - Master of Business Administration  
M.C.A. - Master of Computer Applications

The college maintains high standard of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for providing quality education.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering has dedicated and specialized faculty members in different areas with rich experience in academics, industry and research. The department has excellent class rooms equipped with modern audio-video aids, tutorial rooms, well equipped and spacious laboratories with the latest IBM servers, separate library and seminar hall with all latest equipments.

## VISION & MISSION OF CSE DEPARTMENT

### VISION

To conceive our department as centre of academic excellence by catering quality education with ethical standards.

### MISSION

To create a conducive atmosphere to achieve active professionalism by fortifying academic proficiency with ethical standards and to enhance the confidence level to develop sustainable solutions to upgrade the society forever.

## PROGRAMME EDUCATIONAL OBJECTIVES

**PEO I :** Our graduates will have professional competency in the field of Computer Science and Engineering to investigate, analyse and demonstrate problem solving skills across broad range of application areas with sound technical expertise.

**PEO II :** Our graduates will have ethical standards, leadership qualities, communication, presentation and team work skills necessary to function effectively and professionally.

**PEO III :** Our graduates will adapt to new technologies, tools and methodologies, to assess and respond to the challenges of the changing environment and needs of the society by providing sustainable innovative solutions to upgrade the society forever.

## COURSE COVERAGE

The FDP shall cover the following topics :

- ❖ Finite Automata
- ❖ Regular Expression
- ❖ Grammars
- ❖ Push Down Automata
- ❖ Turing Machine
- ❖ Languages
- ❖ P and NP Problems
- ❖ Compiler Phases
- ❖ Pre-processing of Grammar for Parsing
- ❖ Top down Parsers
- ❖ Bottom up Parsers

## FACULTY DEVELOPMENT PROGRAMME

on

## AUTOMATA THEORY AND COMPILERS

Date : 13 - 15<sup>th</sup> December 2017

## REGISTRATION FORM

Name :

Designation :

Institution :

Address for communication :

Mobile :

Mail ID :

Details of DD (in favor of "PIXELS, S.A.ENGINEERING COLLEGE", payable at Chennai)

1. Amount :

2. DD No. :

3. Bank and branch :

Signature of Applicant