

## REGISTRATION DETAILS

Academicians, R&D Research Scholars / Student	Rs. 750/-
(Registration Fee includes Workshop Kit and Lunch)	
Last date for Registration	: 05-06-2017
Date of Intimation	: 06-06-2017

### All communications should be sent to :

THE COORDINATOR,  
FDP on GRAPH THEORY AND APPLICATIONS  
CSE DEPARTMENT  
**S.A. ENGINEERING COLLEGE**  
Poonamallee - Avadi Main Road,  
Thiruverkadu, Chennai - 600 077  
Phone : 044-26801999  
Mobile : 9962784888  
Email Id : [fdp-gta@saec.ac.in](mailto:fdp-gta@saec.ac.in)  
Website : [www.saec.ac.in](http://www.saec.ac.in)

### FOUNDER

(Late) **Shri D. SUDHARSSANAM**

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**Shri. D. PARANTHAMAN**, Vice Chairman  
**Shri. D. DASARATHAN**, Secretary  
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### ORGANIZING COMMITTEE

**Dr. E.A. MARY ANITA**, Prof./CSE  
**Dr. V. MANJULA**, Prof./CSE  
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**Dr. R. GEETHA**, Asso. Prof./CSE

## FACULTY DEVELOPMENT PROGRAMME

### on CS6702 GRAPH THEORY AND APPLICATIONS

Date : 7 - 9<sup>th</sup> June 2017

Sponsored by



STUDENTS CHAPTER



STUDENTS CHAPTER

Coordinators

**Dr. G. UMARANI SRIKANTH**, HOD/CSE  
**Prof. R. PRASANNA KUMAR**, Asso.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.

## OBJECTIVE OF THIS FDP

Graph theory is an area which deals with mathematical structures used to model pairwise relations between objects. This FDP will enable the participants to write precise and accurate mathematical definitions of objects in graph theory, to use exploit mathematical definitions to identify and construct examples and to distinguish examples from non-examples. The lectures in this FDP are designed to validate and critically assess a mathematical proof and to use a combination of theoretical knowledge and independent mathematical thinking in creative investigation of questions in graph theory.

### RESOURCE PERSONS :

1. **Dr. G. SETHURAMAN**  
Department of Mathematics, Anna University, Chennai
2. **Dr. K. SANKAR**  
Department of Mathematics, Anna University, Chennai
3. **Dr. V. VIJAYALAKSHMI**  
Department of Mathematics, MIT, Anna University, Chennai
4. **Dr. G. UMARANI SRIKANTH**  
Department of CSE, S.A. Engineering College, Chennai
5. **Ms. D. VAISHNAVI**  
SMART Training Resources Institute, Chennai

## COURSE COVERAGE

- ❖ Introduction to Graph Theory
- ❖ Isomorphism
- ❖ Connectivity & Planarity
- ❖ Matrices, Colouring And Directed Graphs
- ❖ Permutations & Combinations
- ❖ Non-homogeneous recurrence relations
- ❖ Generating Functions

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Date : 7-9<sup>th</sup> June 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