

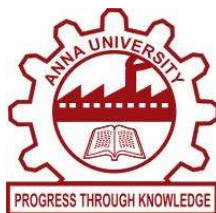
**FIVE- DAY SHORT TERM
TRAINING PROGRAMME (STTP)
ON
CS 8494 SOFTWARE ENGINEERING**

16th - 20th, DECEMBER 2019

REGISTRATION FORM

CO-ORDINATORS

**Dr.DHANANJAY KUMAR
Dr.G.RAJESH**



Jointly sponsored by

**AICTE, NEW DELHI
&
ANNA UNIVERSITY
CHENNAI**

Organized by

**Department of Information Technology
MIT Campus
Anna University, Chennai**

ORGANIZING COMMITTEE

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Dr.I.Arul Aram
Addl. Director, CFD

CO-CHAIRS **Dr. Dhananjay Kumar**
Head of the Department,
Dept. of IT, MIT campus.

CO-ORDINATORS: **Dr.Dhananjay Kumar
Dr.G.Rajesh**

VENUE : Conference Hall (I floor)
Dept. of IT, MIT campus,
Anna University

IMPORTANT DATES:

Last date for Submission: **30.11.2019**

Intimation of selection : **01.12.2019**

Confirmation by Participants: **02.12.2019**

REGISTRATION FORM

Name :

Designation:

Qualification

E-mail

Mobile no.

DOB and Age

Institution address

Communication address :

Accommodation required?: **Yes / No**

I declare that the details furnished above are true to the best of my knowledge and belief and agree to abide by the rules and regulations governing the conduct of short term training program sponsored by AICTE, New Delhi and CFD, Anna University, Chennai.

Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr. /Prof. /Mr. /Ms_____ is a bonafide faculty member of our Engineering College. He /She is identified to teach the subject "**Software engineering**". He/She is sponsored to attend this STTP programme from 16th -20th, DECEMBER 2019

Date:

Place:

Signature & Seal of the principal

Anna University

Anna University was established on 4th September 1978. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

MIT Campus

The Madras Institute of Technology campus of Anna university was established in 1949 by a visionary entrepreneur and eminent industrialist Shri. Chinaswami Rajam. It was merged with Anna University in the year 1978. Sixty years hence, while it continues to be a pioneer in courses that it gave birth to, it is already renowned for producing the crème de la crème of the scientific community in more nascent courses such as Computer Science and Information Technology.

About the Department

Department of Information Technology, MIT, Anna University, thrives to accomplish its vision of developing dexterous and proficient students. Its progress is growing exponentially in contributing efficient and technically sound students to the corporate world. The department has a team of dynamic, young and dedicated staff, with specialization in wide array of areas. It offers full time and part time courses for UG, PG and Research. The department receives funds from DST under FIST programme.

ABOUT THE COURSE

Software engineering is associated with development of software product using well-defined scientific principles, methods and procedures. The outcome of software engineering is an efficient and reliable software product. The need of software engineering arises because of higher rate of change in user requirements and environment on which the software is working. Computer information and control systems have become increasingly embedded and integrated into fabric of the human society. They control our clocks, washing machines, traffic lights, refrigerators, micro ovens, electric power to our homes. It involves

the elicitation of system requirements, the specification of the system, its architectural, detailed design, implementation, testing and delivery of the system. Software development being a human intensive process, management and quality control techniques are required to run successful projects and construct quality systems.

Good software engineering practices and tools can therefore make a substantial difference, even to the extent they may be driving forces of the project success of today's and tomorrow. This STTP is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on software engineering.

COURSE CONTENTS

- Foundations and trends of Software engineering
- Principles of modern software management
- Software process models and Agile development
- Understanding Software requirements and planning
Software development process
- Software Implementation Standards
- Software Architectural design
- Design Models Serverless, micro-service and domain driven Architectures
- AGILE model and Methodologies
- Software management practices
- Automation testing for AGILE methodology
- Defects management techniques
- Test Case Development
- Software testing and Quality Assurance
- Software risk management
- Software configuration management
- Software independent verification and validation

RESOURCE PERSONS

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

ELIGIBILITY

Faculty members from Circuit branches of engineering Colleges affiliated to Anna University.

GUIDELINES

- **No participant fees** will be collected.
- Faculty from Affiliated Engineering colleges of Anna University are only eligible.
- Session time will be from 09 AM to 4:45 PM
- Total number of participants is strictly 40.
- Eligible participants will be selected based on first come first serve basis.
- Lunch will be provided during the course.
- **Travel allowance will be reimbursed to the participants as per the AICTE and AU norms**
- **Accommodation on Shared basis will be provided free of cost subject to availability.**

For Details Contact

**The Co-ordinator,
STTP on Software Engineering,
Department of Information Technology,
MIT Campus, Anna University,
Chennai – 600 044**

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