

## INSTITUTION PROFILE

Anna University was established on 4<sup>th</sup> September, 1978 as a unitary type of University. This University was named after Late Dr. C. N . AnnaDurai, former Chief Minister of Tamil Nadu. It offers higher education in Engineering, Technology, Architecture and Applied 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.

This University shall strive towards a World Class Institution by producing technically, professionally and ethically strong professionals. The University shall be a preferred partner to the industry and community for contribution towards their economic and social development by providing high quality manpower through excellence in teaching, research and consultancy.

Madras Institute of Technology (MIT) was started in 1949, by Shri. C. Rajam with a vision to provide strong technical base in various engineering disciplines for Independent India to compete in par with International Community. It was merged with Anna University in the year 1978. MIT has developed into an important centre of engineering education and earned reputation both in India and abroad.

The Department of Computer Technology at the MIT campus offers Under Graduate programme in Computer Science and Engineering, Post Graduate programme in Computer Science and Engineering along with PhD Programme. The present student strength of this department itself is about 600. This department promotes the pursuit of excellence in the field of Computer Science and Engineering. The department has established research laboratories in the areas of Big Data Analysis, Data Science, Grid Computing, Internet of Things, Media as a Service, Next Generation Networks, and Vision Intelligence.

## ABOUT THE PROGRAMME

Understanding compilers is essential for designing any language recognizer and for developing efficient programs. Programs in any high level language need some kind of translators. In this programme, the front end and back end of compilers will be focused along with machine dependent and machine independent features of compilers. The question of how an efficient object code equivalent for the source program is obtained will also be addressed. Some of the very familiar compiler construction tools will be taken as case studies in the appropriate places. This course is being offered to the students of B.E. Computer Science and Engineering of affiliated institutions of Anna University.

## OBJECTIVES

This Faculty Development Training Programme is intended to provide opportunity for teachers employed in Institutions affiliated to Anna University to start handling this course with utmost confidence and also for upgrading their knowledge in the areas of Compilers. This programme is intended to all faculty members who would also wish to pursue research in Compilers, Code optimization and Design of various recognizers.

## TOPICS TO BE COVERED

- Translators
- Compiler Construction tools
- Scanners
- Finite Automata
- Context Free Grammars
- Parsers
- Error Handlers
- Symbol Table Management
- Runtime Storage Organization
- Intermediate Code Generation
- Code Optimization
- Code generation

## TWO-WEEK FACULTY DEVELOPMENT TRAINING PROGRAMME

On

**CS 6660 COMPILER DESIGN**

**19.11.2018 to 01.12.2018**

**Coordinator**

**B. THANASEKHAR**



**Sponsored by**

**CENTER FOR FACULTY DEVELOPMENT  
ANNA UNIVERSITY  
Chennai – 600 025**

**Organized by  
DEPARTMENT OF COMPUTER TECHNOLOGY  
ANNA UNIVERSITY, MIT CAMPUS  
Chennai – 600044**

## APPLICATION FORM

### Faculty Development Training Programme on CS 6660 Compiler Design

19.11.2018 to 01.12.2018

1. Name
2. Date of Birth & Age
3. Gender
4. Designation
5. Institution Name & Address
6. E-mail ID
7. Mobile No
8. Qualification with Branch of Study
9. Professional Experience (in years)  
Teaching -  
Industry -
10. Declaration

Mr./Ms./Dr. \_\_\_\_\_  
working as \_\_\_\_\_ in the college of \_\_\_\_\_

declare that I am participating in the FDTP on Compiler Design at Department of Computer Technology, Anna University from 19.11.2018 to 01.12.2018. I also confirm that the above mentioned period I will not be involved in any official work. All the information provided by me are true to the best of my knowledge. I agree to abide by the rules and regulation governing the Faculty Development Training Programme. If selected, I shall attend the program for the entire duration.

Date : \_\_\_\_\_  
Place : \_\_\_\_\_ Signature of the Applicant

## SPONSORSHIP

Mr./Ms./Dr. \_\_\_\_\_ is an employee of our Institution/Organization since \_\_\_\_\_ and is hereby sponsored for the Faculty Development Training Programme on Compiler Design (CS6660). He / She will be permitted to attend the entire duration of the programme, if selected.

Date : \_\_\_\_\_ Signature & Seal of the  
Place : \_\_\_\_\_ Sponsoring Authority

## GUIDELINES FOR PARTICIPANTS

- Only Anna University affiliated college faculty members from the departments offering this course will be considered for selection
- Only 25 Participants will be selected, based on the eligibility criteria and the order of receiving completed application forms
- Participation fee will not be collected
- Lunch will be provided on all the days in which sessions will be conducted
- The classes start at 9.00AM and will be over by 4.45PM with lunch break from 12.15PM to 1.30PM on all the days

## IMPORTANT DATES

Submission of Application	14 <sup>th</sup> Nov 2018
Intimation of Selection	16 <sup>th</sup> Nov 2018
Confirmation by Participants	16 <sup>th</sup> Nov 2018

## ADDRESS FOR COMMUNICATION

The FDTP@CS6660 Coordinator  
Department of Computer Technology  
Anna University, MIT Campus  
Chromepet, Chennai 600044  
04422516232, 9442244436  
thanasekhar@gmail.com

## ORGANIZING COMMITTEE

**CHIEF PATRON** **Dr. M.K. SURAPPA**

Vice Chancellor  
Anna University  
Chennai

**PATRONS** **Dr. J. KUMAR**

Registrar In-charge  
Anna University  
Chennai

**Dr. A. RAJADURAI**

Dean, MIT Campus  
Anna University  
Chennai

**CHAIRS** **Dr. D. SRIDHARAN**

Director, CFD

**Dr. I. ARUL ARAM**

Addl. Director, CFD

**COCHAIR** **Dr. P. ANANDHAKUMAR**

Head of the Department  
Dept. of Computer Technology

**COORDINATOR** **B. THANASEKHAR**

Dept. of Computer Technology

**VENUE** **CONFERENCE HALL**

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MIT Campus  
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