Anna University

Anna University was established on 4th September, 1978 as a unitary type of University. 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 therefrom, it fosters cooperation between the academic and industrial communities. Also this university aims to

- constantly raise the quality of engineering education thereby to produce superior human resource to match rapid technological developments
- share its academic experience and infrastructure with other institutions for providing quality education across the State and help students to fulfill their dreams
- uphold the highest ethical and professional standards while imparting engineering education and while fulfilling its obligations to students and staff
- serve the society with technological advancement and to actively take part in building knowledge-based society

Madras Institute of Technology (MIT) Campus

MIT campus of Anna University offers higher education with the objective of devising and implementing programs of education in engineering & technology, constituting a blend of the conventional and unconventional career courses in UG, PG & Ph.D levels that are relevant to the current and projected need of society.

Dr. Kalam Computing Centre

The Dr. Kalam Computing Centre (formerly known as Computer Centre) at the MIT Campus was established in 1983 to serve as a central facility to cater the computational and communication requirements of this campus. Dr. Kalam Computing Centre is involved continuously in providing computer skills for the first year students of all branches using languages and tools as per the regulation and curriculum in force. Every graduate from this campus will have a foot print in this centre and leaves with their unforgettable memories about their budding experiences in the field of computing and exposure to information technology. This centre is also entrusted with the Training and Placement activities for the graduates and internships through CUC, Anna University.

At present, this centre is managing LAN based internet facility for around 2500 computers and WiFi based internet for around 2000 users, including students, scholars, faculty members and other staff members. In terms of campus communication, 441 analog connections and 100 IP based telephone connections are established and maintained though the SIEMENS IP-PBX UNIFY Open cape 4000 Eco server V8.0.

The website for the MIT Campus is developed and maintained by Dr. Kalam Computing Centre, serving all the departments, centres, hostel, health centre, alumni, and various student clubs. This centre has commitments in enhancing the students’ performance and imparting technical awareness to society through various outreach programmes.

Speakers

Experts from relevant field.

Registration Fee: ₹ 1000/-

Total number of participants will be restricted to 30 numbers. Participants will be selected on First Come First Served Basis.

The Participants are requested to send the scanned copy of filled in registration form to

trainingca2023@mitindia.edu
REGISTRATION FORM

Five Days

C PROGRAMMING WORKSHOP
22nd to 26th May 2024

Organized in Commemoration with Platinum Jubilee Year of MIT

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Date: Place: Signature of the Participant

Eligibility
Students studying in the classes from 8th to 12th during the academic year 2024 - 25

Link for Registration
https://forms.gle/bd8iHGnkBhRme7neA

Participants will be selected on first-come-first-served basis.

Contact Numbers:
Landline: 044 – 22516008

Mailing Address:
The Professor and Head
Dr. Kalam Computing Centre
Anna University, MIT Campus
Chromepet, Chennai – 600 044

Mail ID: trainingca2023@mitindia.edu

Important Dates:
Submission of Application: 20.05.2024
Intimation of Selection: 21.05.2024
Confirmation by Participant: 21.05.2024

Registration Fee: ₹1000 (Rupees One Thousand)

Mode of Fee Payment

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<td>Anna University</td>
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Venue
Dr. Kalam Computing Centre
2nd Floor, Administrative Block
Anna University, MIT Campus
Chromepet, Chennai 600044

C PROGRAMMING WORKSHOP

Syllabus to be covered

An Overview of the Computer System
Evolution of Computers, Components of Computer System, Classification of computers, Representation of data/Information concepts of data processing

Bringing the Machine to Life – software
Types of software (Application software, Compiler, Assembler, Linker, Loader)

Decision-making and Problem-solving
Relational operator, Logical operator - Decision making (if, if-else) Ternary operator, if-else –if Nested if, switch case

Loop control statements
While loop and do while loop, break, continue, goto, for loop, Nested loops

Introduction to arrays
1D array, 2D array, String Handling functions

Storing different type of data in same memory
Structure and Union, Pointers

Code Reusability
Function –types (built-in & user defined)
User defined function types
Call by value and reference Recursive function

File management and dynamic memory allocation
Dynamic memory allocation
File Processing
Enumerated data types, Macros and Preprocessors