

Eligibility

Staffs, Research scholars and Students from Engineering Colleges/ Technical Institutions/ Universities are eligible.

Important Dates

Last date for Registration: 24-08-2023

Selection Notification: 26-08-2023

* Laptop is Mandatory

Resource Persons

- Livin Nector D, Course Instructor, BS Degree, IIT Madras.
- Anand Sankar, ML Engineer(LLM), AI4Bharat, IIT Madras

Registration

- Participants are requested to produce the Demand Draft (DD)
- Participants are requested to fill the online registration form provided on the following link: [Registration Click Here](#)

QR Code for Registration



Registration Fee

- UG & PG Students: Rs. 500 per person.
- Research scholars and staff : Rs. 1000 per person.
- The Registration fee should be sent through a Demand Draft drawn in favors of "The Registrar, Annamalai University" payable at Annamalainagar-608002.

Venue

Phoenix'99 Hall
Department of Computer Science and Engineering, FEAT, Annamalai University.

Organizing Committee

- Chief Patron:** Prof. RM. Kathiresan
Vice-Chancellor
Annamalai University
- Patron:** Prof. R. Singaravel
Registrar (i/c)
Annamalai University
- Co-Patron:** Dr. C. Karthikeyan
Dean
Faculty of Engineering
and Technology
- Convener:** Dr. R. Bhavani
Professor & Head
Department of Computer
Science and Engineering
- Co-ordinators:** Dr. A. Punitha
Associate Professor
Department of Computer
Science and Engineering
Dr. S. Sathiya
Assistant Professor
Department of Computer
Science and Engineering
Dr. V. Rathikarani
Assistant Professor
Department of Computer
Science and Engineering
Dr. K. T. Meena Abarna
Assistant Professor
Department of Computer
Science and Engineering

Address for Communication

Dr. A. PUNITHA

Associate Professor
Department of Computer Science & Engineering
Faculty of Engineering and Technology
Annamalai University, Annamalainagar-608 002
Chidambaram, Tamilnadu.
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ANNAMALAI UNIVERSITY



(Accredited with 'A+' Grade by NAAC)

Annamalai Nagar - 608002



**A TWO DAY NATIONAL LEVEL WORKSHOP
WITH HANDS-ON TRAINING PROGRAMME
ON
FROM FOUNDATIONS TO DEPLOYMENT:
DEVELOPING DATA-BASED APPS WITH DASH**

30th & 31st August, 2024



Co-ordinators

Dr. A. PUNITHA

Associate Professor

Dr. S. SATHIYA

Assistant Professor

Dr. V. RATHIKARANI

Assistant Professor

Dr. K. T. MEENA ABARNA

Assistant Professor

Organized By.

**Department of Computer Science and Engineering
Faculty of Engineering and Technology
Annamalai University
Annamalainagar - 608 002
Tamilnadu, India**

About the University

Annamalai University, one of the largest Universities in terms of disciplinary diversity and student enrolment, is also one of the oldest universities in South India. Sprawling over a vast and sylvan campus of 1000 acres, the University houses about 50 Departments of Study under Eight Faculties. Founded by the legendary philanthropist and farsighted visionary, Rajah Sir Annamalai Chettiar in 1929, Annamalai University has played a key role in social, cultural, and economic uplift of the people across the rungs of society for nearly a century. Annamalainagar, the University Town, is located just to the east of Chidambaram, the Abode of the Cosmic Dancer, Lord Nataraja.

To serve the downtrodden and to promote Tamil Language and Literature, Rajah Sir S. RM. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram in the early 1920s. In 1928, Rajah Sir S. RM. Annamalai Chettiar agreed with the local Government to handover the above said institutions for establishing a University. Thus, on 01.01.1929 Annamalai University came into existence as the first-ever to have been founded by a private philanthropist. Ever since its establishment, Annamalai University has played an incredible role in the lives of the people near and far. Until 2013, the University was governed by the Annamalai University Act, 1928. In 2013, the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), was passed and has come into force from September 25, 2013. The University, which remained “unitary” in status until 2021, was made an “affiliating” one with Mayiladuthurai, Cuddalore, Villuppuram, and Kallakurichi districts as its jurisdiction and 81 colleges are affiliated to the University now.

Annamalai University, a “university” in the true sense of the term, has been sustaining a

unified ecosystem of education by offering diverse programmes under one roof. Availability of diverse disciplines of study along with sports pavilion, gymnasiums, libraries, yoga/meditation halls, the University ensures a fertile ground and favorable climate for learners to become all rounded and competent individuals rather than mere “programmed specialists”

Annamalai University has also been a forerunner in making education accessible to countless citizens through distance education mode. All the programmes offered in by the Directorate of Distance education (DDE) are approved and accredited by the Distance Education Board (DEB). The on-campus programmes are duly approved/accredited by the competent bodies such as NAAC, NBA, AICTE, NCTE, ICAR, etc. In 2022, the University is accredited with ‘A+’ Grade by NAAC in the fourth cycle of accreditation.

About the Faculty of Engineering and Technology

The Faculty of Engineering and Technology (FEAT) was established the year 1945, as the second Engineering College of the then composite Madras State. The FEAT celebrated its Golden Jubilee in the Year 1996 and Diamond Jubilee in the year 2005. The FEAT has 11 department of study namely Chemical, Civil, Civil & Structural, Mechanical, Manufacturing, Electrical, Electronics & Instrumentation, Electronics & Communication, Computer Science & Engineering, Information Technology and Pharmacy.

About the Department

The Department of Computer Science and Engineering was established in the year 1984 to meet the demand for well-qualified computer professionals. The various associations and clubs promote the leadership and organizational skills of the students by conducting various academic events throughout the year. Apart from academics, students also involve themselves in activities that inculcate service and team spirit. The department library has more than 7500 books.

In addition, it also has e-resources to access journals / magazines with internet facilities. The department houses more than 300 high end computers to meet the requirements of various laboratories. In addition, it has speech and vision laboratory, deep learning laboratory, IoT laboratory for the benefit of the students to explore in the latest technology. The department has organized two international conferences and several national conferences and workshops. The department has many research projects funded by AICTE, UGC, DST and TNSCST. The department offers UG, PG and Ph.D. programmes in regular mode. B.E. (CSE) programme has been granted NBA accreditation for three years from academic year 2022-2023.

About the Hands-on Training

In an era where data is ubiquitous and its interpretation can drive decision-making across industries, understanding the fundamentals of data processing, visualization, and application development is invaluable. Through hands-on sessions, participants will delve into essential tools such as NumPy and Pandas for data manipulation, Plotly for interactive visualization, and the Dash framework for web application development. Additionally, they will learn about database management systems, version control with Git and GitHub, and deployment strategies for their applications.

This workshop not only empowers participants to build robust data-driven solutions but also prepares them for the demands of today’s tech-driven workforce. In essence, this workshop serves as a gateway for participants to enter the dynamic world of data-driven application development, where they can innovate, solve real-world challenges, and make meaningful contributions to the digital landscape.

Topics to be covered

- Day 1: Foundations of Data-Based Apps
- Day2 :Developing and Deploying Data-Based Apps with Dash