Eligibility

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

Important Dates

Last date for Registration: 05-11-2022

Selection Notification: 07-11-2022

Resource Persons

All hands-on training sessions will be delivered by Experts in the relevant fields from premier Industries and Institutions

Registration

Participants are requested to fill the online registration form provided on the following link: https://shorturl.at/fhpT1

QR Code for Registration

Registration Fee

UG & PG Students and Research Scholars from Annamalai University: Rs. 300 per person.

UG & PG students and research scholars from other Institutions: Rs. 500 per person.

The Registration fee should be sent through a Demand Draft drawn in favour of "The Registrar, Annamalai University" payable at Annamalainagar-608002.

Venue

Phoenix'99 Hall
Dept. of Comp. Sci. & Engg.

Organizing Committee

Chief Patron: **Prof. RM. Kathiresan**
Vice-Chancellor
Annamalai University

Patron: **Prof. K. Seetharaman**
Registrar (i/c)
Annamalai University

Co-Patron: **Prof. A. Murugappan**
Dean
Faculty of Engg. and Technology

Convener: **Dr. S. Palanivel**
Professor & Head
Dept. of Comp. Sci. & Engg.

Coordinators: **Dr. R. Ragupathy**
Associate Professor
Dept. of Comp. Sci. Engg.

Dr. R. Arunkumar
Associate Professor
Dept. of Comp. Sci. Engg.

Dr. C. Anbu Ananth
Associate Professor
Dept. of Comp. Sci. Engg.

Dr. S. Mohan
Assistant Professor
Dept. of Comp. Sci. Engg.

Address for Communication

Dr. S. Mohan
Assistant Professor
Department of Computer Science and Engineering
Faculty of Engineering and Technology
Annamalai University, Annamalainagar-608 002
Chidambaram, Tamilnadu.
Mobile: 9994325202
E-mail: raamaucse2020@gmail.com

ANNAMALAI UNIVERSITY

(Accredited with 'A^{+}' Grade by NAAC)

RUSA 2.0 Sponsored Two Day
National Level Hands-on Training Programme
on

Full Stack Development

10th & 11th November, 2022

Coordinators

Dr. R. Ragupathy, Associate Professor
Dr. R. Arunkumar, Associate Professor
Dr. C. Anbu Ananth, Associate Professor
Dr. S. Mohan, Assistant Professor

Organized by

Department of Computer Science and Engineering
Faculty of Engineering and Technology
Annamalai University
Annamalainagar - 608 002
Tamil Nadu, India.

Full Stack Development

About the University

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013.

Annamalai University is accredited with 'A$^+$'Grade by NAAC in 2022. "The NIRF-2020" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 12th in India. In the Medical Category the ranking is 35th "The Times Higher Education World University Ranking - 2021" has ranked Annamalai University in 1000+ for Overall category. In the Subject Category Ranking, 2021, the University is ranked 601+ for Clinical & Health Subjects, in the band of 801-1000 for Engineering, 801+ for Life Sciences and 1000+ in the Physical Sciences Subjects. "The QS World University Ranking - 2021" has ranked

Annamalai University in the band of 301-350 in Asia Ranking, and 39 in India Ranking. "The CWTS Leiden Ranking 2019", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 23rd based on the number of publications and 7th based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. Among the top 212 ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2019)" has ranked Annamalai University as 9th in Tamil Nadu and 29th in India. Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

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

This Hands-on Training Programme is aimed to impart knowledge on the essentials of Full Stack Development and explore the basic and advanced concepts of Full Stack development. Full Stack development is the development of both front-end (client side) and back-end (server side) portions of web application. The main objective is to make the participants familiar with best practices on Full Stack Development. Participants will get hands-on experience with languages/tools/frameworks like Java, JS, Angular, Spring Boot, Hibernate, Servlets, JSPs, MySQL, MVC, web services, and other critical skills like Git, Jenkins and etc.

Topics to be covered
- **Overview of Full Stack Development**
- **Front-end Technologies and Frameworks**
- **Back-end Technologies and Frameworks**
- **Database Technologies**
- **DevOps Tools**
- **Full Stack Projects**