

## SELECTION PROCEDURE

The aspirants/sponsored applicants can submit their duly filled-in applications to the designated address using online registration form. Advance applications can also be submitted. However, in such cases, final selection will be confirmed only after the receipt of sponsored applications. The selection will be made by short-listing the aspirant applications, which will be based upon the experience in teaching and research in their respective academic field.

## ELIGIBILITY

Faculty members from Engineering and Polytechnic Colleges / Technical Institutions / Universities working in the Departments of Computer Science and Engineering, Information Technology, Mechanical, Manufacturing, Civil, Civil & Structural, Electrical & Electronics, Electronics & Communication, Electronics & Instrumentation and Chemical Engineering are eligible.

## Address for Communication

**Dr. P. Sudhakar**, Associate Professor,  
**Dr. S. Arivalagan**, Assistant Professor,  
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## Organizing Committee

### Patron

**Prof. V. Murugesan, Ph.D.,**  
Vice-Chancellor, Annamalai University.

### President

**Dr. R. Gnanadevan,**  
Register (I/C), Annamalai University.

### Chairman

**Dr. A. Murugappan,**  
Dean, FEAT, Annamalai University.

### Director

**Dr. S. Palanivel,**  
Professor and Head,  
Dept. of CSE, Annamalai University.

## Registration Form

Participants are requested to use  
this below link for registration

<http://tinyurl.com/aucsefdpiot>

## Duration and Important Dates

A one week programme from 16<sup>th</sup>  
November to 21<sup>st</sup> November, 2020  
during 9.30 am to 4.30 pm.

Last date for Registration : 09-II-2020

Acceptance of Registration : 10-II-2020

Confirmation by Participants : 11-II-2020



## ANNAMALAI UNIVERSITY

(Accredited with "A" Grade by NAAC)

**AICTE - ISTE**

sponsored

**One Week**

**Faculty Development Programme**

on

**Internet of Things (IoT)  
and its applications**

(Online Pedagogy)

**16.11.2020 to 22.11.2020**



**Coordinators**

**Dr. P. Sudhakar**

**Dr. S. Arivalagan**

**Organized by**

**Department of Computer Science  
and Engineering,**

**Faculty of Engineering and Technology,  
Annamalai University,**

**Annamalainagar - 608 002.**

## ABOUT THE UNIVERISTY

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. In 1928, 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 2014. "The NIRF-2020" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the University Category. In the Pharmacy Category the ranking is 12<sup>th</sup> in India. In the Medical Category the ranking is 35<sup>th</sup>. "The Times Higher Education World University Ranking - 2020" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2020, the University is ranked in the band of 501-600 for Life Sciences and 600+ for Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences and Engineering subject. "The QS World University Ranking - 2020" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking and 39<sup>th</sup> 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 23<sup>rd</sup> based on the number of publications and 7<sup>th</sup> 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. "The SCImago Institutional Ranking" (2019) has ranked 9<sup>th</sup> in Tamil Nadu and 29<sup>th</sup> among the top 212 ranked institutions for Higher Education 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 DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1984 to meet the demand for well-qualified computer professionals. It offers B.E. CSE, B.E. CSE (Artificial Intelligence and Machine Learning), B.E. CSE (Data Science) and M.E. CSE that lead to highly rewarding careers. The department also offers the research degree Ph.D. in Computer Science and Engineering to fortify its research dimension. 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 the activities that inculcate service and team spirit. The department

library has more than 7500 books. In addition, it also had E-resources to access Journals / Magazines with Internet facilities. The department houses more than 400 high end computers to meet the requirements of various laboratories. The department has organized a international conference and several national conferences and workshops. The department had many research projects funded by AICTE, UGC, DST and TNSCST.

## ABOUT THE FDP

The Internet of Things (IoT) is aimed at enabling the interconnection and integration of the physical world and the cyber space. It represents the trend of future networking, and leads the third wave of the IT industry revolution. Internet of Things (IoT) is an integrated part of Future Internet including existing and evolving Internet and network developments and could be conceptually defined as a dynamic global network infrastructure with self configuring capabilities based on standard and interoperable communication protocols where physical and virtual "things" have identities, physical attributes, and virtual personalities, use intelligent interfaces, and are seamlessly integrated into the information network. This training program extremely favors the faculty members to acquire knowledge in current research issues in the relevant topics of IoT. In addition to that, it provides hands on training program to faculty members which in turn pave a way a path for the emergencies of newer project from them. The contents going to be covered in this FDP programme are basics of IoT systems, IoT system architecture and applications of IoT systems with hands-on practices.