ANNAMALAI UNIVERSITY

(Accredited with 'A+' Grade by NAAC)

RUSA2.0 sponsored Two days National Workshop on Internet of Things (IoT) using Tinkercad and Arduino (NWIoT'22)

31-10-2022 & 01-11-2022

REGISTRATION FORM

Name : ....

Designation : ....

Department : ....

Institution : ....
Address for
Communication:..

....

Mobile : ....

E-mail ID : ....

Category : Academic/ Industry/
Research scholar/ UG & PG students

Fee Particulars:

DD No :   DD Date :

Amount :   Bank Name:

Need of Accommodation: Yes / No

DECLARATION BY PARTICIPANT

The information above is true to the best of my knowledge. If selected, I agree to abide the rules and regulations of the programme and shall attend the entire duration.

Place: Date:

         Signature

SPONSORSHIP CERTIFICATE

Dr/Mr/Ms ------------------------ is a bonafide full time faculty/student of ------------------------. He/She is sponsored to attend the wokshop, 'Internet of Things (IoT) using Thinkercad and Arduino' from 31.10.22 to 01.11.22.

Place: Date:

     Signature of the Principal/Head of the Institution

ORGANISING COMMITTEE

Chief Patron: **Prof. RM. KATHIRESAN,Ph.D.,D.Sc.,**
Vice-Chancellor,
Annamalai University.

Patron : **Dr.K.SEETHARAMAN, Ph.D.,**
Registrar i/c,
Annamalai University.

President : **Dr.A.MURUGAPPAN,Ph.D.,**
Dean, FEAT,
Annamalai University.

Convener : **Dr. S. ABRAHAM LINCON, Ph.D.,**
Prof & Head
Department of EIE,
Annamalai University.

Organising
Secretaries : **Dr. G. SAKTHIVEL**
Dr. R. VINODHA
Professors,
Department of EIE,
Annamalai University.

ADDRESS FOR COMMUNICATION

Dr. G. SAKTHIVEL
Dr. R. VINODHA

Organising Secretaries (NWIoT'22)
Department of Electronics and Instrumentation Engg.
Annamalai University.
Mobile: 9443270714/9488493827
Email: nwiot2022@gmail.com
website:www.annamalaiuniversity.ac.in

SCAN TO REGISTER

ANNAMALAI UNIVERSITY
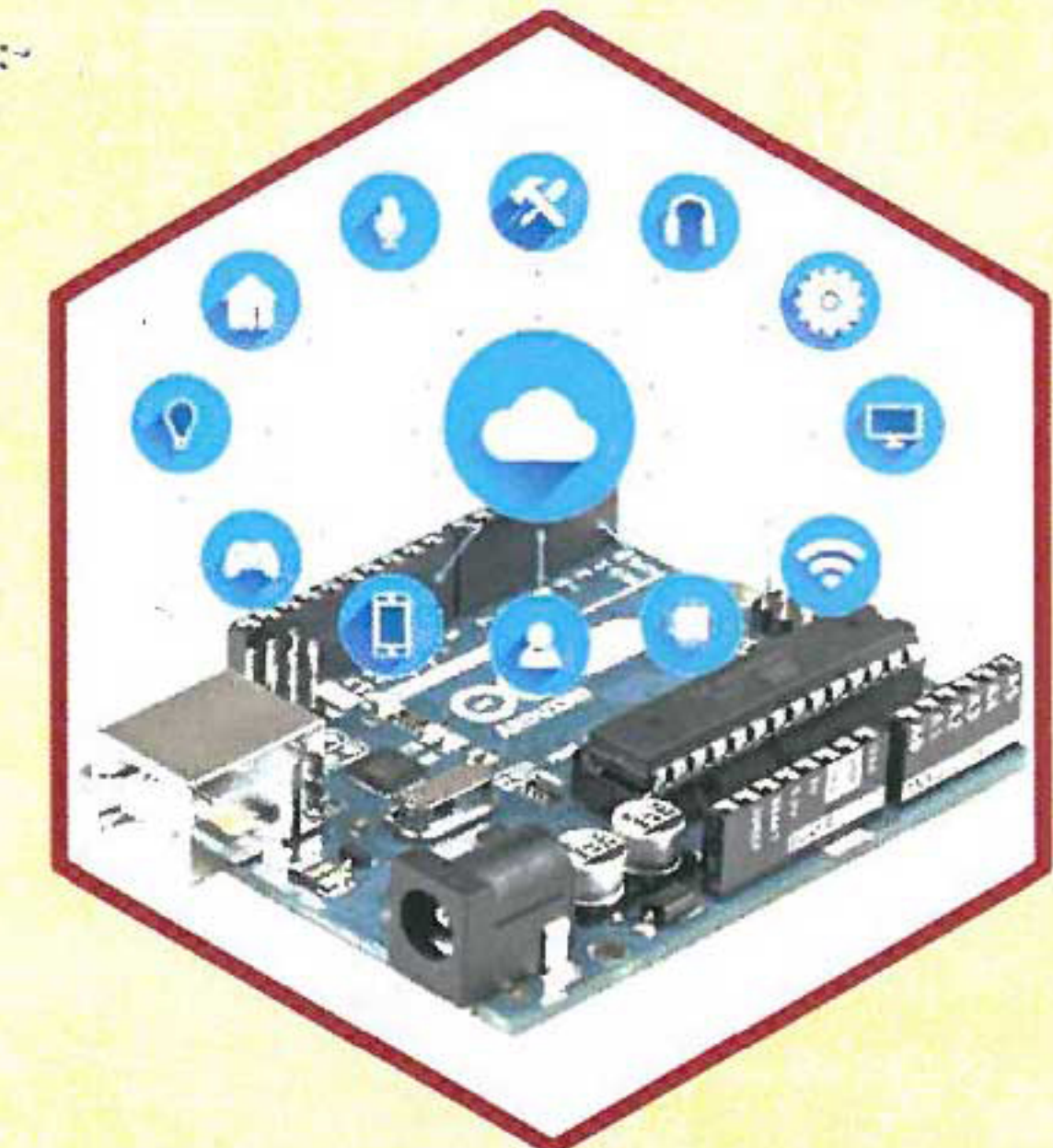
(Accredited with 'A+' Grade by NAAC)

Rashtriya Uchchatar Shiksha Abhiyan (RUSA) 2.0 Sponsored

Two days National Workshop on

Internet of Things (IoT) using Tinkercad and Arduino (NWIoT'22)

31-10-2022 & 01-11-2022

Organising Secretaries
Dr. G. SAKTHIVEL
Dr. R. VINODHA

Organized by
Department of Electronics and Instrumentation Engineering
FACULTY OF ENGINEERING AND TECHNOLOGY
ANNAMALAI UNIVERSITY
Annamalainagar-608002 Chidambaram, Tamilnadu

ABOUT ANNAMALAI 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. 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 2022 In 2020 NIRF (National institutional ranking frame work) of the Ministry of Human Resource Development, Government of India ranked Annamalai University, category wise as 101-150 band (overall), 12th (Pharmacy) and 35th (Medical). In 2021, Times Higher Education World University ranking placed Annamalai university at 1000+ (overall), 601 (clinical and health subjects), 801-1000 band (Engineering sciences) and 1000 plus (Physical sciences). In 2021, U.K. based Quacquarelli Symonds (QS) company has placed Annamalai university at 301- 350 band (Asia) and 39 (India). In 2019, centre for Science and Technology studies of Leiden University in Netherlands (CWTS). ranked Annamalai University as 23rd (Number of publications) and 7th (frequency of citation). In 2019, Scimago, a research group working on scientific influences in University of Granada, Madrid in Spain ranked Annamalai university as 29th (India) and 9th (Tamilnadu). 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 youths 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 Electronics and Instrumentation Engineering, a DST-FIST supported and UGC-SAP sponsored department was established in the year 1988. Department of Electronics and Instrumentation Engineering, Annamalai University is the second of its kind in the state of Tamil Nadu to offer an Under Graduate programme in Electronics and Instrumentation Engineering. It offers UG programme B.E (Electronics and Instrumentation), PG Programme M.E (Process Control and Instrumentation) and Ph.D programme in regular and part-time mode. The curriculum is being updated regularly with inputs from industries and reputed educational institutions. The Department has state-of-the-art laboratories. This Department has obtained the following distinctions

- DST-FIST sponsorship
- UGC SAP support
- UGC Non-SAP Support
- UGC supported Major Research Projects
- UGC innovative PG program grant support

ABOUT THE WORKSHOP

This workshop is about Arduino Uno board which is one of the most popular platforms used for prototyping of electronic circuits. A detailed coverage of Arduino programming has been provided, so that one can easily deploy Arduino Uno board in applications such as Robotics, Automation, Internet of Things (IoT), Healthcare and many more. The workshop provides detailed information on programming aspects as well as hardware features of Arduino Uno board. Special emphasis has been given to interfacing of external peripherals and sensors, so that it is easy to understand the insights of real world applications that are designed using Arduino Uno board. All the examples that are covered in this course have been tested on the hardware, so that participants can directly take them as a reference for their own applications.

The objectives of this workshop are as follows.

a) To get in-depth knowledge about Arduino Uno board.
b) To get exposure on Arduino Programming Concepts.
c) To interface Arduino with LED, Push button and Sensors.
d) To learn about ADC and PWM functionality of Arduino.
e) To learn the art of designing projects and prototypes using Arduino Uno board.
f) To learn about Autodesk TINKERCAD platform and simulating Arduino projects on TINKERCAD.

IMPORTANT DATES
Last Date for Registration : 22-10-2022
Intimation to selection (Email): 25-10-2022

ACCOMMODATION
Interested participants will be offered accommodation in the University hostels on payment basis.

CATEGORY	INR
Faculty from academic institutions	500/-
Delegates from Industry	1000/-
UG / PG Students / Research Scholars	200/-

Payment in DD drawn in favour of the "The Registrar, Annamalai University", payable at Annamalainagar, along with application form in the prescribed format duly recommended by the head of the institution should reach the organizing secretaries within the specified time.

The Participants are requested to fill the online registration form (including DD details) through the following link:
https://forms.gle/LCYcuSjgXbXuffLg8

SELECTION IS LIMITED TO 50 PARTICIPANTS ON FIRST COME FIRST SERVE BASIS