REGISTRATION LINK

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Online session details will be communicated to selected participants through registered email.

The certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test

Contact Details

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ORGANIZING COMMITTEE

Chief Patron:
Dr. M. Manickam,
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Ms. K Durgalakshmi
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Mr.D.Gnanaprakasam, AP/EEE
Mr.C.Kannan, AP/EEE
Mr. S.Dinesh, AP/EEE

IMPORTANT DATES:	
Last date for Submission:	10.09.2020
Intimation of selection:	11.09.2020

AICTE Training and Learning (ATAL) Academy

ONE WEEK FACULTY DEVELOPMENT PROGRAMME (Online)
On
INTERNET OF THINGS

14th - 18th, SEPTEMBER 2020

Organized by

Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY
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Coimbatore (Dt), Tamil Nadu.

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Website: www.mcet.ac.in

ABOUT THE COLLEGE:

Dr.Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M.Manickam with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr.N.Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Engineering College and it is approved by AICTE, New Delhi & affiliated to Anna University.

The Institute has been accredited by NAAC with A++ and 7 UG Programmes (CSE, EEE, EIE, ECE, Civil, Mech, Auto.) are accredited with Tier-1 by NBA. The MCET currently offers 9 UG, 6 PG and 5 Doctoral programme in Engineering, Technology and Science.

ABOUT THE DEPARTMENT:

The department of Electrical and Electronics Engineering was established in 2002 and offers B.E (EEE) and M.E (Embedded System Technologies), Approved by AICTE, affiliated to Anna University, & accredited by the NBA. The department of Electrical and Electronics Engineering offers an excellent atmosphere for students to learn and acquire the necessary skills that are much sought after by the industry. The department has experienced faculty members who are fully committed to teaching and research, and dedicated to impart quality education to the students. The students have access to well equipped, state-of-the-art laboratories.

ATAL Academy

AICTE Training and Learning (ATAL) Academy is established with the vision "To empower faculty to achieve goals of Higher Education such as access, equity and quality". AICTE is committed for development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understand that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines. Training is required for increasing the knowledge and skills of faculties and students to make them more employable to acquire global competencies.

ABOUT WORKSHOP:

The Internet of Things (IoT) is predicted to be the next big thing in technology and will be the most important factor impacting fundamental business logic in the coming decades. IoT technologies and applications are changing the way users, services and applications interact with the real world environment in a trusted way. This technology frontier (IoT) with immense engineering applications is the need for today's industry and academia. This FDP serves as a platform to train and educate the research scholars, faculty and people from industry to interact on cutting edge technologies in this emerging area.

COURSE CONTENTS:

- Introduction to IoT
- Introduction to IoT protocols and cloud servers
- Hands on dash board creation in cloud services
- Hands on practices of interfacing sensors to the evolution board
- Hands on practice for sending the board sensor data to web server
- Mini project to carry forward
- Discussion on IoT Security Challenges
- Basic Communication using LoRa Protocol
- Hands on training of Real time Device Control and Data Monitoring using LoRaWAN.
- IoT case studies

RESOURCE PERSONS:

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

GUIDELINES:

- No participant fees will be collected
- The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry and staff of host institutions.
- Session time will be from 10 AM to 4:45 PM