

ABOUT THE INSTITUTION

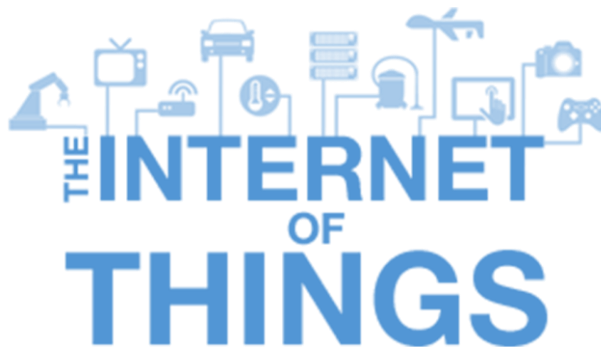
Bharathidasan Institute of Technology (BIT) Campus has been established as a Technical Institute under Anna University, Chennai by the Government of Tamil Nadu and recently sponsored with Technical Education Quality Improvement Programme (TEQIP) grant. It offers a variety of UG, PG and research programmes with an approximate of 5000 students in the campus. The Institution work towards developing partnerships with industries and academic institutes to provide quality education and opportunities for entrepreneurial development. The main objective of the institute is to generate a horde of highly creative professionals, who can contribute not only to the Human resource Development and also to Nation building exercise. BIT has carved a niche for itself in providing technical education in the disciplines that are rare of their kind in our country with a high level of competence since 1999.

ABOUT THE DEPARTMENT

The Department of Physics is established in 1999. It is one of the major departments of BIT Campus, Anna University Tiruchirappalli, having 9 dedicated faculty members with rich research expertise who are trained at renowned institute in India and abroad and well equipped with research laboratories. Their research papers are well cited. The Department has several publications in reputed journals along with National patents. In addition to that Engineering Physics offered for the B.E and B.Tech. students, the department offers post graduate programme namely M.Tech. Nano Science and Technology and regular Ph.D. Programme. The Department is financially well supported by DST and substantial financial support from TNSCST and CTDT-Anna University Chennai.

REGISTRATION

- ◆ First come First Serve basis
- ◆ No TA/DA will be provided
- ◆ Fill up the Registration form through online in the link given below
<https://docs.google.com/forms/d/1kwuEGpX0ohq7CpM9PxFu9PFPaI7GHaP2FziDpOorqTI/edit>
- ◆ Send the copy of filled in registration form along with DD through post.



REGISTRATION FEE

Registration can be made through DD drawn favor of “**Head, Department of Physics, Anna University, BIT Campus**” payable at **Tiruchirappalli. (or) through RTGS/NEFT to**

Head, Department of Physics

A/C No: 160211500000449

IFSC: KVBL 0001602

| | |
|-----------------------------------|-------|
| Participants from the industry | 700/- |
| Faculty members | 500/- |
| PG Students and Research Scholars | 300/- |

Accommodation will be provided on charge basis.

Spot registration is also available between 8.30 am to 9.30 am on 20.04.2018

Science and Engineering
Research Board



Two - Day National Level Technical Workshop On
“Recent Advancements in
Embedded Systems with IoT
(Internet of Things) and its
Applications”

20-21 April 2018



Convener

Dr. V.R. Sarma Dhulipala

Assistant Professor

Department of Physics
Anna University - BIT Campus
Tiruchirappalli – 620024

Mob. No. +91 9994320197

Fax: 0431- 240 7935

e-mail : dvsarma@gmail.com

Website

www.aubit.edu.in / www.annauniv.edu

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr.-----

-----is an employee of our Institute/Organization and is hereby sponsored. He/She will be permitted to attend the programme in full, if selected.

Place:

Date:

Signature of the Sponsoring Authority
Office Seal

HOW TO APPLY

The applicants should send their registration form in the specified format through their Principal / Sponsors to reach us on or before 18.04.2018.

SCHEDULED DATES

Last date for receipt of Registration form : 18.04.2018

Confirmation through e-mail : 19.04.2018

Registration form completed in all aspects is to be sent to:

Dr. V.R.Sarma Dhulipala

Assistant Professor,
Department of Physics
Anna University - BIT Campus

ABOUT THE WORKSHOP:

In recent years, wireless sensor networks (WSNs) applications in Embedded domain are beginning to be deployed at an accelerated pace. It is expected that the world will be covered with wireless sensor networks with access to them via the IoT (Internet of Things). WSN plays a key role in the execution of the application. This new technology is exciting with unlimited potential for numerous application areas including medicine, environment, military, transportation, entertainment, crisis management, homeland defense, and smart spaces. There also has been

much attraction on WSNs during the past decades. Several international conferences and workshops were held in the light of this stream. In view of growing interests in these topics, we plan to organize this special workshop.

PROGRAMME DESCRIPTION

Global communication systems through embedded systems have not only changed the world but are also advancing at an exceptional rate. Future communication systems will form the foundation for a sustainable and intelligent society where people and equipment can be connected anywhere, anytime – with anything. A high degree of connectivity will be a key enabler for new innovative technologies and applications that can benefit from information sharing. Evolving technologies are e.g. 5G mobile communications, machine communications, fiber optical links and networks, and sensor network communication, with emerging new embedded applications such as remote and assisted medical diagnosis and treatment, traffic and vehicle safety, environmental monitoring, maximizing efficiency and reliability in smart grid infrastructure, and tele-presence systems that reduce the need for energy consuming transportation of people. In order to gain insight into communication systems of the future through embedded systems, and to develop such systems, solid analytical skills and an understanding of the fundamental principles of digital information transmissions are essential. Besides the fundamentals in communication engineering we focus on e.g. significance of embedded systems in random signal analysis, stochastic methods for digital modulation and coding, applications of digital signal processing, optical fibres and lasers and information theory and coding.

INVITED SPEAKERS

Eminent scientists and academicians are being invited from the various premier institutions and laboratories national Wide.

EXPECTED PARTICIPANTS

This program is intended to impart familiarity on recent advancements in the field of Embedded systems. Researchers, Teachers, Students and industrialists who are dealing with materials and related areas are expected to attend and to present their work.

ORGANISING COMMITTEE:

Chief Patron

Vice-Chancellor, Anna University,
Chennai

Patron

Dr. S. Ganesan
Registrar, Anna University Chennai

Chair

Dr. T. Senthilkumar
Dean, BIT Campus, Anna University,
Tiruchirappalli

Co-Chair

Dr. S. Brahadeeswaran,
Head of the Department , Physics, BIT
Campus, Anna University,
Tiruchirappalli

Convener

Dr. V. R. Sarma Dhulipala
Assistant Professors in Physics,
BIT Campus, Anna University,
Tiruchirappalli

Members (Dept of Physics)

Dr.G.Senguttuvan, Assoc.Prof
Dr.J.Joseph Prince, Asst.Prof
Dr.P.Mani, Asst.Prof
Dr.I.Vetha Potheher, Asst.Prof
Dr.A.Viswanathan, Assist.Prof
Dr.V.Sivakumar, Vis.Prof
Dr.V.Suresh Kumar, Vis.Faculty