

REGISTRATION FORM

Name : _____

Department : _____

Organization : _____

Mailing Address: _____

Phone No: _____

Email : _____

Accommodation Required : Yes / No

Registration fee details

Draft No : _____ Bank: _____

₹. _____

(DD should be drawn in favor of 'The Principal, BIT'
payable at Sathyamangalam)

Signature of the Applicant

Signature of the HOD
with Seal

ORGANISING COMMITTEE:

Chief Patron:

Dr. S. V. Balasubramaniam
Chairman, Bannari Amman Group

Patrons:

Dr. A. M. Natarajan
Chief Executive, BIT

Dr. D. Saravanan
Principal, BIT

Convener

Dr. D. Sharmila
Professor & Head

Organizing Secretary:

Dr. S. P. Selvaraj
Associate Professor

Dr. V. T. Balamurugan
Associate Professor

Co-ordinators:

Ms. J. Haritha
Assistant Professor

Mr. R. ArunChendhuran
Assistant Professor

Mr. M. Kalimuthu
Assistant Professor

Ms. E. Ramya
Assistant Professor

Contact Details:

Ms. J. Haritha : 09942121678

Email : haritha@bitsathy.ac.in

Mr. M. Kalimuthu : 07845384804

Email : kalimuthu@bitsathy.ac.in

Address for Correspondence

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Associate Professor

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Bannari Amman Institute of Technology,

Sathyamangalam - 638 401,

Erode District., Tamil Nadu

Telephone: 04295 – 226226 Fax No.: 04295 – 226666

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

*(An Autonomous Institute Affiliated To Anna
University, Chennai, Approved By AICTE New
Delhi, NBA Accredited and NAAC with 'A' Grade,
Sathyamangalam – 638 401)*

One week STTP

on

**“IoT Based Real Time Applications using
ARM”**

11 – 17 December, 2017

Organized by

**Department of Electronics and Instrumentation
Engineering**



ABOUT THE INSTITUTION:

The Bannari Amman Institute of Technology is the fruit of dedicated works done by the Bannari Amman Group, a leading corporate house in South India, to establish a Centre of Excellence in Engineering and Technology. It is an AICTE approved, ISO 9001:2008 certified, Autonomous Institution affiliated to Anna University, Chennai and accredited by NBA and NAAC with 'A' grade. BIT offers 15 UG and 15 PG programmes in Engineering and Technology, MBA and PhD/M.S. The Institute has also been bestowed with "Bharathiya Vidya Bhavan Best Engineering College" award by ISTE, New Delhi in 2009.

ABOUT THE DEPARTMENT:

The Department of Electronics and Instrumentation Engineering has been established in the year 2007 and has been offering a 4 year bachelor programme and 2 year post graduate programme in Instrumentation Engineering and Embedded Systems. In spite of being a late bloomer, it has become one of the pioneer departments in the college and has attracted numerous students from all parts of India. Our department has achieved 100% placement for the past six consecutive years. The department has a dedicated team of 32 faculty members who are highly qualified and have a wealth of experience. The department has well equipped laboratories to enhance the technical expertise of the students. The Process Control laboratory and Centre of Excellence for Industrial Automation is the highlight of the department with advanced controllers and real-time process stations that are built to mimic an industry. The computer centre comprises of 80 systems with all latest software and internet facilities that aid the students to perform better in their logical aspects. The department has organized several Guest Lectures, Leader of the Week programs, Seminars, Workshops, National Conference and several placement and training activities to ensure that the student augment their potential in various aspects of their professional career.

WORKSHOP OBJECTIVE:

The aim of the program is to provide an opportunity for the academicians to gain knowledge on IoT in the academic level, have hands on experience in IoT with different real time examples and further enhance the vision on the research activities in the field of Embedded Technologies.

HANDS ON SESSIONS

- ✚ Internet of Things (IoT): Current Business Trends in IoT, Benefits of IoT, Barriers of IoT, Case Study and IoT Architecture
- ✚ Sensors and Actuators: Sensors & its Significance
- ✚ Advanced RISC Machines (ARM): General-purpose input/output (GPIO), ADC programming
- ✚ Switches, Pressure and Temperature Sensor Interfacing with ARM
- ✚ Introduction to Wireless Communication
- ✚ Communicating to Cloud in Real Time
- ✚ Cloud Computing: Cloud Servers and IoT

ELIGIBILITY:

Research Scholars/Faculty Members
PG Students
UG Students

RESOURCE PERSONS:

Sessions will be handled by academicians of host institution and Technical Expert from **M/s Technopac Automation & Controls, Coimbatore**

REGISTRATION DETAILS:

Registration Fee: Rs 2000/-

Filled up registration form is to be sent along with DD for registration fee in favour of "**Principal, Bannari Amman Institute of Technology**" payable at Sathyamangalam to the organizing secretary. The Registration fee includes Lunch and Refreshment.

NOTE:

Limited registration only. Registration will be based on first come first serve basis.

IMPORTANT DATES:

Last date of Registration : 04.12.2017

Date of Intimation : 06.12.2017

ACCOMMODATION:

Accommodation will be arranged on college premises for participants on request