

## ABOUT THE INSTITUTE

Bannari Amman Institute of Technology is an autonomous engineering college founded in 1996 and is affiliated to Anna University. The institution is ISO 9001:2000 certified for its quality education, and most of the eligible courses are accredited by NBA and reaccredited by NAAC with "A" Grade. The institute secured **1<sup>st</sup> among top 100 Private Engineering colleges** in India by DQ-CMR best technical school survey 2018, 46<sup>th</sup> position among top 165 best Private Engineering Colleges in India by India Today Survey 2018, 76<sup>th</sup> rank among Top 100 best Engineering Colleges in India by NIRF 2018 and Best Overall Industry-Linked Engineering College from AICTE-CII in 2012.

## ABOUT THE DEPARTMENT

The Department of Mechatronics was established in the year 2012. The department has grown significantly and offers B.E. Mechatronics and M.E. Industrial Automation & Robotics. The department has a core team of highly qualified, dedicated and industry trained faculty members and well equipped laboratories. The department has established industry sponsored laboratories such as FESTO - Centre for Industrial Automation & Mechatronics and SEW Eurodrive - Centre for Drives and Automation. The department has signed a MoU with Merrimack College, North Andover, USA for research collaboration and faculty exchange programme.

## REGISTRATION FEE \*

**Diploma / UG / PG Students** - Rs. 500 / head

**Faculty / Industry delegates** -Rs. 750 / head

Participants are limited to 15 based on first come first served.

Last date for submission : 10.01.2019

Confirmation of Participants : 12.01.2019

### Mode of payment:

**Demand Draft / Cash /Online**

DD has to be drawn in the name of  
**The Principal, Bannari Amman Institute of Technology, Payable at Sathyamangalam.**

The filled registration form can be sent along with DD on or before 08.01.2019 to

**M.Sengottuvelan,**

**Assistant Professor – Level II**

Department of Mechatronics

Bannari Amman Institute of

Technology,

Sathyamangalam - 638401.

\* **The registration fee includes registration kit, tea, snacks, and participation certificate. Participants need to take care of their food and accommodation.**

\* **Online Transaction Details shall be provided upon request**

**For further details, please contact**

**Email:** [sengottuvelanm@bitsathy.ac.in](mailto:sengottuvelanm@bitsathy.ac.in)

[hodmt@bitsathy.ac.in](mailto:hodmt@bitsathy.ac.in)

**Mobile :** 9843094945 / 9443398857

**Two-day Workshop on**

**“Simulation and Execution of Fluid Power System using FluidSIM”**

**18<sup>th</sup> & 19<sup>th</sup> January, 2019**

### Coordinators

**K. L. Senthil Kumar**

Professor

**M.Sengottuvelan**

Assistant Professor – Level II

**K.Nithishkumar**

Assistant Professor

### VENUE

**FESTO Centre**



### ORGANIZED BY

**Department of Mechatronics**

Bannari Amman Institute of Technology  
Sathyamangalam – 638 401 Erode District

Tamil Nadu

[www.bitsathy.ac.in](http://www.bitsathy.ac.in)

## FESTO CENTRE

FESTO Centre for industrial automation and Mechatronics lab is fully sponsored by FESTO Germany to carry out collaborative research activities in the area of Electrical drives, Robotics, Bio sensors, Process automation, Fluidic Design, Mechatronics and automation systems for the benefit of Students, Faculties and Society.



FESTO is an engineering driven company based in Esslingen, Germany which manufactures pneumatic and electric actuators primarily to the automation industry. FESTO Didactic is a global leader in basic and advanced training in industry. As a provider of skills development for manufacturing and process automation, the services they render range from educational institutions to industrial production.

## COURSE CONTENT

- ❖ Basics of Hydraulics and Pneumatics
- ❖ Electro Hydraulic and Electro Pneumatics
- ❖ Design and Simulation using FLUIDSIM

- ❖ Introduction to Modular Production System
- ❖ Hands on training related to industrial applications

## COURSE OUTCOME

After Completion of Course the participants are expected to

- ❖ Choose the valve for particular application
- ❖ Design a circuit for the given application
- ❖ Simulate the design using Fluid SIM

## ADVISORY COMMITTEE

### Patron

Dr.C.Palanisamy, Principal

### Convenor

Dr.K.L.Senthilkumar, Professor

### Co-Convenor

Mr.M.Sengottuvelan, Asst.Prof –II

### Organizing Secretaries

Mr.K.Nithishkumar, Asst.Professor

Mr.K.Nijanthan, Asst.Professor

## HOW TO REACH BIT?

Sathyamangalam is well connected by Road from Coimbatore and Erode. BIT is situated at 5 KM away from Sathyamangalam Bus stand in Athani road. Follow the link

<https://goo.gl/maps/k6dTqHDSZ8C2>

## RESOURCE PERSON

Sessions will be handled by Expert persons from Industry and FESTO trained faculty members in BIT.

## Two-day Workshop on “Simulation and Execution of Fluid Power System using FluidSIM”

18<sup>th</sup> & 19<sup>th</sup> January, 2019

## Registration Form

(Photocopy of this form can also be used)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile No : \_\_\_\_\_

Email : \_\_\_\_\_

### Details of Registration

DD No	Date	Bank Name

Amount of Rs. \_\_\_\_\_

**SIGNATURE**