

## 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.

## ABOUT THE DEPARTMENT

The Department of Mechatronics was established in the year 2012. The department has grown significantly and offers B.E. Mechatronics, 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 an MoU with Merrimack College, North Andover, USA for research collaboration and faculty exchange programme.

## REGISTRATION FEE \*

**Diploma / UG / PG Students / Research scholar** - Rs. 300 per head

**Faculty / Industry delegates** - Rs. 500 per head

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 in registration form can be sent along with DD to the below address.

**Organizing Secretaries - TMCP'18,**  
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**

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**For further details, please contact**

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

**Mobile :** 9443398857 /9345755738

Two-day Workshop on  
**“Tooling, Machining and CNC  
Programming (TMCP'18)”**

**17<sup>th</sup> & 18<sup>th</sup> August, 2018**

**ORGANIZING SECRETARIES**

**K. L. Senthil Kumar**

Professor

**A.Tajdeen**

Assistant Professor

**A. Mohamed Ismail**

Assistant Professor

**VENUE**

**Aero Seminar Hall**



**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)

## COURSE CONTENT

- Fundamentals of CNC
- Reading and understanding industrial drawings
- Challenges and difficulties in CNC tooling
- Software training in CAPSTURN and CNCTURN
- Hands-on training in CNC Programming
  - for lathe operations
  - for milling operations
- Practical session on machining in CNC lathe and VMC

## COURSE OUTCOME

After successful completion of this course, the participants are expected to

- ❖ Develop a CNC Program from the given Industrial Drawing
- ❖ Simulate the CNC program using CNC Turn Software
- ❖ Select the appropriate tool for machining various profiles.

## RESOURCE PERSON

The sessions will be handled by experts from industry and academic institutions.

## ADVISORY COMMITTEE

### Chief Patrons

**Dr. M. P. Vijayakumar**, IAS (Retd), Director

### Patron

**Dr. C. Palanisamy**, Principal

## ORGANIZING COMMITTEE

### Convenor

**Dr. K. L. Senthil Kumar**, Professor

### Co-convenor

**Dr. K. P. Arulshri**, Professor

**Mr. M. Sengottuvelan**, Assistant Professor

### Organizing Secretaries

**Dr. K. L. Senthil Kumar**, Professor

**Mr. A. Tajdeen**, Assistant Professor

**Mr. A. Mohamed Ismail**, Assistant Professor

## HOW TO REACH BIT?

<https://bitsathy.ac.in/contact.php>

Sathyamangalam is well connected by road from COIMBATORE & ERODE.

## Two-day Workshop on “Tooling, Machining and CNC Programming (TMCP’18)”

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### REGISTRATION FORM

*(Photo copy of this form can also be used)*

1. Name: \_\_\_\_\_

2. Designation: \_\_\_\_\_

3. Organisation: \_\_\_\_\_

4. Mailing Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

5. Email: \_\_\_\_\_

6. Details of Registration:

DD Number	Date	Bank Name

For Rs. \_\_\_\_\_

**For online registration:**

<https://goo.gl/forms/spMev5A0kMwjmlFJ3>

**Signature**