

ABOUT THE COLLEGE

BIT, an impressive campus situated in a serene surrounding at the foothills of the Eastern Ghats encompassing a sprawling area of 180 acres, is the fruit of a dedicated effort to provide quality education and to develop transferable skills to the future technocrats. It is run by Bannari Amman Group, one of the largest Industrial Conglomerates in South India with wide spectrum of manufacturing, trading, distribution and financing activities, under the leadership of Shri Dr.S.V.Balasubramaniam, Chairman. BIT is currently offering 15 UG and 15 PG programmes in Engineering, Technology and Ph.D, MS (By Research) programmes in all the eligible discipline of Engineering and Technology. The Institute has been approved by All India Council for Technical Education (AICTE), New Delhi, accredited by NAAC with A Grade and it is an autonomous institution affiliated to Anna University Chennai.

ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 1996. It offers a 4 year B.E (Electrical and Electronics Engineering) and 2 year M.E (Power Electronics and Drives) and M.E (Applied Electronics) Programmes. It has a distinguished team of faculty consisting of 10 Doctorates and 25 Post Graduates of which 17 have registered for Ph.D., in different areas of Electrical and Electronics Engineering and rich industrial / research / teaching experience.

ABOUT THE WORKSHOP

The Main Objective of the Workshop is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation to the students and provide them with a platform to work on, in "The near Future".

The most used guiding force behind an automated industrial plant is a programmable logic controller generally known as PLC. A Long with certain other sensors, motors, actuators, valves, conveyors, boilers, SCADA systems, computers and many more makes a real automated manufacturing plant.

TOPICS TO BE COVERED

- Introduction to Automation
- Evolution in Industrial Automation
- Introduction to DELTA PLC Hardware
- Sensors and its application in Automation
- Descriptions to I/O Pins of DELTA PLC
- Introduction to DOPL Soft
- Developing the Ladder Diagram Programming
- Downloading and Uploading Concept
- Introduction to SCADA Software
- Need of SCADA in Real Time applications
- Troubleshooting and Maintenance.

One day National Workshop On *Industrial Automation using PLC and DCS* 11th August 2017



Convenor
Dr.R.Senthil Kumar

Coordinators
Dr.S.Senthilkumar
Dr.V.Kamatchi Kannan

Dr.K.Chitra
Mrs.K.T.Maheswari

Organized by



**Department of Electrical and Electronics
Engineering**

Bannari Amman Institute of Technology
*(Autonomous Institution affiliated to Anna University,
Chennai, Approved by AICTE, Accredited by NBA & NAAC
with A Grade) Sathyamangalam, Erode (DT), PIN: 638401.*
Phone: 04295 226000. FAX: 04295 226666

ADVISORY COMMITTEE

Dr. A. M. Natarajan, Chief Executive
Dr. D. Saravanan, Principal

ORGANIZING COMMITTEE

CONVENOR

Dr.R.Senthil Kumar

Professor & Head / EEE

COORDINATORS

Dr.S.Senthilkumar

Associate Professor/EEE

Dr.V.Kamatchi Kannan

Assistant Professor (Sl.G)/EEE

Dr.K.Chitra

Assistant Professor (Sr.G) / EEE

Mrs.K.T.Maheswari

Assistant Professor / EEE

The duly filled application form completed in all aspects is to be sent to:

Dr.K.Chitra

Assistant Professor (Sr.G) / Department of EEE
Bannari Amman Institute of Technology
Sathyamangalam, Erode (Dist), 638 401.

Mobile No : 9976719928, 9788459307

Email: chitrak@bitsathy.ac.in

The selected candidates will be intimated through e-mail only.

RESOURCE PERSONS

The workshop will be handled by well experienced industry experts.

ELIGIBILITY & SELECTION

Faculty and students from AICTE approved Engineering Colleges, Polytechnics and participants from Industries and R&D organizations can apply. The selection process will be done on first come first served basis.

REGISTRATION

All the participants have to pay the registration fee by Demand Draft drawn in favour of "The Principal, Bannari Amman Institute of Technology", payable at Sathyamangalam.

Registration Fee:

UG Students	: Rs.300/-
PG Students	: Rs.400/-
Faculty / Research Scholar	: Rs.500/-

HOW TO APPLY

The applicants can send their registration form in the specified format through their head of the department. If selected, they should confirm their participation in time.

SCHEDULED DATES

Last date for receipt of Applications	: 05.08.2017
Intimation of Selection	: 07.08.2017
Confirmation by Participants	: 09.08.2017

Bannari Amman Institute of Technology
(Autonomous Institution affiliated to Anna University, Chennai, Approved by AICTE, Accredited by NBA and NAAC with A Grade), Sathyamangalam 638401

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

National Workshop

On

Industrial Automation using

PLC and DCS

(11th August 2017)

REGISTRATION FORM

Name :

Designation :

Qualification :

Organization :

Address for
Communication :

Mobile No. :

E-mail :

DD Number & Date :

Signature of Participant

Signature of HOD

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration.

Place:

Date :

Signature of the Applicant