

ABOUT THE COLLEGE

The Bannari Amman Institute of Technology (BIT) is an impressive campus situated in a serene surrounding at the foothills of the Eastern Ghats encompassing a sprawling area of 180 acres. It is run by Bannari Amman Group, a leading corporate house under the dynamic leadership of a great visionary Dr. S.V. Balasubramaniam, in south India to establish a Center of Excellence in Engineering and Technology. The institute offers 13 Undergraduate, 15 Postgraduate programmes in Engineering & Technology, Applied Science & Management and Ph.D & M.S.(By research) programmes in all the eligible discipline of Engineering & Technology. The institute has been approved by All India Council for Technical Education (AICTE), New Delhi accredited by NBA, NAAC with 'A' Grade and it is an autonomous institution affiliated to Anna University, Chennai. BIT won the Silver Medal for the Best overall Industry-linked Engineering College, jointly by AICTE and the Confederation of Indian Industry (CII) for the year 2012. The institute obtained the best Engineering College Award from Indian Society for Technical Education in the year 2009.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering which was started in the year 1998 offers a UG Programme (B.E.) in Electronics and Communication Engineering and two PG Programmes (M.E.) in Communication Systems & VLSI Design. The UG Programme Electronics and Communication Engineering Programme have been accredited by NBA, New Delhi. In addition, the department has been recognized as a research centre for carrying out Ph.D. /M.S. (By Research) programmes under Anna University, Chennai. The department has a team of committed faculty members who are well qualified and are backed by rich teaching/research/industry experience. In addition to the major laboratories the department has established PCB Design Lab,

Freescale Embedded Systems Lab. To promote interdisciplinary research, the department nests a Liquid Crystal Research laboratory to carry out the research in the frontier areas of Liquid Crystals. The department has undertaken many research projects worth Rs.1.42 Crores from various funding agencies viz. AICTE, ICMR, DRDO and DST. The Department has signed MoU with leading industries such as Freescale Semiconductors, Bangalore, Texas Instruments, Bangalore, Agilent Technologies, Bangalore, Soliton Technologies, Bangalore, UTL Technologies, Bangalore, Robert Bosch, Bangalore and BSNL, Coimbatore.

ABOUT MEDICAL IMAGE PROCESSING

Medical image processing is the technique and process of creating visual representations of the interior of a body for clinical analysis and medical intervention, as well as visual representation of the function of some organs or tissues (physiology). Medical imaging seeks to reveal internal structures hidden by the skin and bones, as well as to diagnose and treat disease. Medical imaging also establishes a database of normal anatomy and physiology to make it possible to identify abnormalities. Medical image processing has experienced dramatic expansion, and has been an interdisciplinary research field attracting expertise from applied mathematics, computer sciences engineering, statistics, physics, biology and medicine.

TOPICS

- **Fundamentals of Medical Image Processing & applications**
- **Image enhancement and segmentation of medical images**
- **Feature extraction and classification of PPG signals**
- **Non-Linear classification of Alcoholic EEG signals**

One day National Seminar

Recent Advances in Medical Image Processing

22nd December 2018



Organized By

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

**Bannari Amman Institute of
Technology**

*(Autonomous Institution affiliated to Anna
University, Chennai, Approved by AICTE, Accredited
by NAAC with A Grade)*

Sathyamangalam-638401. Erode{Dt}

Phone: 04285 226000, FAX: 04295 226666

ORGANIZING COMMITTEE

Advisory Committee: **Dr.C.Palanisamy**
Principal, BIT.

Dr.K.Sivakumar,
Dean PDS, BIT.

Dr.P.Thangaraj,
Dean - Academics, Skill
Development and Training.

Convenor(s): **Dr.R.Harikumar,** Prof./ECE
Dr.C.Ganesh babu, Prof./ECE

Co-ordinators: **Mrs.K.Nirmalakumari,**
AP (Level III)/ECE
Mrs.R.Deepa,
AP (Level II) / EIE
Mr.N.Bharanidharan,
AP /ECE
Mr.S.R.Sannasi Chakravarthy
AP/ECE
Mr.A.Vigneshkumar,
AP/CSE

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

Email: nirmalakumarik@bitsathy.ac.in

For any queries please contact:

Ms.K.Nirmalakumari, AP(Level III)/ECE
Mobile No: 9965296448

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

RESOURCE PERSON

- **Dr. P. T. Vanathi,** Associate Prof., PSG
College of Technology, Coimbatore
- **Dr. R. Harikumar,** Professor, Bannari
Amman Institute of Technology

ELIGIBILITY & SELECTION

Faculty and students from AICTE approved
Engineering Colleges, Polytechnics and participants
from Industries and R&D organizations can apply.
Number of participants is restricted to 40. The
selection process will be done on first come first
serve 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 includes
registration kit and working lunch. Accommodation
will be provided on payment basis.

Registration Fee:

Faculty and Industry Persons : Rs.750/-

UG and PG Students : Rs.500/-

HOW TO APPLY

The applicants can send their registration form in
the specified format through their Principal / HOD.
If selected, they should confirm their participation in
time.

SCHEDULED DATES

Last date for receipt of Applications: 13.12.18

Intimation of Selection : 14.12.18

Confirmation by Participants : 15.12.18

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Sathyamangalam 638401

National Seminar on

Recent Advances in Medical Image Processing

22nd December 2018

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