

PAYMENT DETAILS

A/C Name	BIT- Centre for Advance studies
Bank Name	Axis Bank
A/C No.	911010036862582
Branch Name	Sathyamangalam
IFSC Code	UTIB0000368

SPONSORSHIP CERTIFICATE

Dr/Mr/Ms/Mrs _____ is an employee of our Institute / Organization and his/ her application is hereby sponsored by us. He/She will be permitted to attend the course, if selected.

Office Seal

Signature of the
Sponsoring Authority

Place:

Date:

Address for Communication:

Mr. S.K.Dhinesh / Mr. M.Raghunath
Department of Mechatronics,
Bannari Amman Institute of Technology
Sathyamangalam-638 401, Erode (Dt),
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Mobile: 9715367724, 9566357006

ABOUT THE COLLEGE

The Bannari Amman Institute of Technology was established in 1996 by the Bannari Amman Group, serves as one of the citadels of higher education in the Southern part of India. At present, the institute offers 19 under graduate programmes, 15 postgraduate programmes, and full / part time research programmes in different Science and Technology disciplines. It has a dynamic environment combining traditional academic excellence with an innovative attitude to undertake funded projects from state and central government organisation like DRDO, DST, TNSCST, CSIR, DBT, DIT, MNRE, AICTE, Tamil Virtual University, etc.

ABOUT THE DEPARTMENT

The Mechatronics department was started in the year 2012. The department offers four year B.E. Mechatronics and two year M.E. Industrial Automation and Robotics programmes. The department has a team of highly qualified, dedicated and motivated faculty members and well-equipped laboratories. The field of Mechatronics encompasses Robotics and Automation, Machine Vision, Rapid Prototyping, Hydraulics and Pneumatics, Automotive Electronics, Sensors and Instrumentation, Intelligent Systems and Real Time Embedded System, which are fast growing technologies that enable the development of automation in the modern knowledgeable society.

ABOUT THE LOCATION

The college is situated at Sathyamangalam about 65 km from Erode, Coimbatore and 20 km from Gobichettipalayam. The college is well connected by road & rail from all major cities in Tamilnadu.

DBT SPONSORED NATIONAL SEMINAR ON BIOMATERIALS & 4D PRINTING IN HEALTH CARE: INNOVATIVE AND EMERGING TRENDS

20th & 21st JUNE 2019

Convener
Dr. K.L.Senthil kumar

Co-Ordinators
Mrs. K. Poomani
Mr. S. Raghavendra Prabhu
Mr. K. Nijandhan



Organized by
DEPARTMENT OF MECHATRONICS
BANNARI AMMAN INSTITUTE OF TECHNOLOGY
(Autonomous Institution)
Sathyamangalam – 638401,
Erode (Dt), Tamilnadu
Tel: 04295 – 226000 Fax: 04295– 226666
Website: www.bitsathy.ac.in
E-mail: hodmt@bitsathy.ac.in

INTRODUCTION

In the modern medical era, 3D medical devices are transformed into 4D medical devices such as manufacturing of biomedical splint, stents, bio-printing and orthodontic devices. 4D printing technology drives a significant transformation in the medical field. This technology can efficiently fulfill these requirements because the implants manufactured can change shape with time as the human body grows through the use of a smart material. Now doctors and researchers can explore with 4D printing technology to provide better service to the patient. The key benefits of this seminar is to emphasize on knowledge about low cost health care, improved patient outcomes, real time disease management, improved quality of life, and improved user experience with the usage of 4D Printing technology

TOPICS TO BE COVERED

- Characteristics and fundamentals of additive manufacturing in biomedical systems
- Bio-smart materials
- 4DP in orthopaedics and traumatology
- Anatomical models for surgical preparation and dental product development
- Biomimetic microstructures for cancer cell migration
- Customized implants and prostheses
- Manufacturing of smart medical devices in 4DP
- Recent research issues and challenges

RESOURCE PERSON

Eminent people from reputed industries, hospitals, research laboratories and academic institutions.

ELIGIBILITY

Faculty, Research Scholars and PG students from AICTE approved Engineering Institutions, Candidates from industries and R&D organizations are eligible to attend this seminar.

ACCOMMODATION

Accommodation is provided to the participants based on availability under on chargeable basis.

REGISTRATION FEE DETAILS

No course fee is charged for participants from AICTE approved institutions. However, Registration form can be sent in the format enclosed along with the Refundable deposit of Rs.500/- through Demand Draft / Cheque drawn in favor of **The Principal, Bannari Amman Institute of Technology** payable at **Sathyamangalam**.

HOW TO APPLY

The applicants can send their applications in the specified format along with registration fees through their Principal / Head / Sponsor to reach us, on or before 17.06.2019.

IMPORTANT DATES

Last date for receipt of Applications : 17.06.2019

Intimation of Selection : 17.06.2019

Confirmation by Participants : 18.06.2019

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20th & 21st June 2019

APPLICATION FORM

Name :

Designation :

Organization :

Address for
Communication
(with mobile no. &
E-mail ID) :

Qualification :

Experience :

Teaching : Years

Others (Specify : Years

Need Accommodation: Yes/No

DD No :

Transaction Id :

DECLARATION

The information provided 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.

Signature of the Applicant