

ABOUT THE INSTITUTION

Sree Buddha College of Engineering, Pattoor is established in the year 2002 by Sree Buddha Educational Society, Kollam, which is registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Act, 1955. Under the leadership of Prof. K Sasikumar, a group of educationalists envisaged the emergence of an engineering college on the bank of Karingali puncha in the rural area of Nooranad; the birds village of Kerala, to promote weaker section of the society by providing quality education at global standards. The college which began its stride with three B.Tech programmes in 2002, now offers B.Tech/ M.Tech/PhD programme in six branches of Engineering and Technology. The College is affiliated to APJ Abdul Kalam Technological University and is approved by the All India Council for Technical Education (AICTE), New Delhi. The College offers NBA Accredited B.Tech Programs and is Reaccredited by NAAC for another five years since November 2019. The College is also recognized under Section 2(f) of the UGC act, 1956.

ABOUT THE DEPARTMENT

Department of Mechanical Engineering is accredited by NBA and offers Under Graduate program in Mechanical Engineering with an intake of 120 students and also a Post Graduate program in Computer Integrated Manufacturing. The department is an approved research centre of APJ Abdul Kalam Technological University (KTU) for the PhD program. The department has initiated research in many areas such as nano coatings, friction stir processing, advanced materials, polymer composites, and graphene based heat pipes.

ABOUT AICTE-STTP:

Short Term Training Programme (STTP) intends to conduct faculty training through financial assistance from AICTE to enable faculty in the field of technical education to introspect and learn techniques.

CHIEF PATRON:

*Prof. K Sasikumar, Chairman,
Sree Buddha Educational Society*

PATRONS:

*Dr. K. B. Manoj, Secretary
Sri. K. K. Sivadasan, Treasurer
Dr. S. Suresh Babu, Principal,
Sree Buddha College of Engineering, Pattoor*

PROGRAMME ADVISORY COMMITTEE:

*Dr. Saji Varghese
Professor & Head, Dept. of Mechanical Engineering
Dr. Gouri Antherjanam
Professor & Head, Dept. of Civil Engineering
Dr. M S Senthil Saravanan
Subject Expert
Professor, Dept. of Mechanical Engineering*

PROGRAMME COORDINATOR

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PROGRAMME CO - COORDINATOR

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ORGANIZING COMMITTEE MEMBERS

*Prof. Anilkumar A V
Prof. Vidya V
Prof. Sreekumar E N
Prof. Kalesh K K
Prof. Gokul O
Prof. Ratheesh R
Prof. Jinan S
Prof. Hari Krishnan G
Prof. Kalpana Ashokan
Prof. Madhav K*



SREE BUDDHA COLLEGE OF ENGINEERING

Nooranad | Pattoor | Alappuzha
Approved by AICTE, New Delhi
& Affiliated to APJ Abdul Kalam Technological University



Google Meet

**AICTE Sponsored
One Week ONLINE**

**Short Term Training Programme (STTP)
On**

SMART MATERIALS, AUTOMATION AND ITS FUTURE IMPACT ON HUMANS (PART-1) SAFIH 2020



12th - 17th October 2020

Registration link and QR code



<https://forms.gle/t4wDcWuAB3sG8ACH8>



**Organized by:
Department of Mechanical Engineering
Sree Buddha College of Engineering**

NACC accredited institution and NBA accredited Programs

Pattoor | Nooranad | Alappuzha | Kerala

OBJECTIVES OF THE PROGRAMME

Smart materials and Automation Techniques systems is an interdisciplinary domain under science and engineering streams. Smart materials and Automation Systems find applications in diverse areas such as automotive, defense, aerospace, civil, medical, etc. The main objectives of this program are to provide awareness about the latest technologies in smart materials and systems as well as to motivate the faculty members to opt this area for their research. This course covers technical advances in smart materials, systems and structures, sensing and actuation, control and information processing.

Expected Outcomes:

- + Gain knowledge in Smart Materials and Automation for Industrial Applications
- + Be able to identify the potential research area in the interdisciplinary domain of industrial robotics, automation and smart materials
- + Get knowledge in the design and simulation of various programs in a robotic industrial setup for different applications

RESOURCE PERSONS

Dr. Rajan T P D
CSIR-NISST

Dr Ananthakumar S
CSIR-NISST

Dr. R. Edwin Raj
St. XCCE, Tamilnadu

Dr. Santhakumar Mohan
IIT-Palakkad

Dr. Jose Mathew
IHRD Adoor

Dr. J S Binoj
SVEC, AP

Dr. Pramod Sreedharan
Amrita Vishwa
Vidyapeetham

Dr. Vettivel S C
CCET, Chandigarh

Dr. Sreejith Mohan
NITT

Dr. J Yoganandh
SREC, TN

Ms. Vidya V
SBCE, Pattoor

Dr. Jaya Mary Jacob
SBCE, Pattoor

IMPORTANT DATES

Last date for Registration : 9th October, 2020

Schedule of the event : 12th to 17th October, 2020

ELIGIBILITY

- + Teaching Faculty from AICTE approved Engineering Colleges
- + Industry Personnel
- + Research Scholars
- + M-Tech students

REGISTRATION PROCESS

- + No Registration Fee
To register for STTP(SAFIH 2020)
<https://forms.gle/t4wDcWuAB3sG8ACH8>
- + Registration will be on a first come first serve basis.
- + Registration are limited to 200 participants

STTP GUIDLINES

- + Feedback and quiz link will be shared only in the chat box of platform used at the end of the session
- + Attending all the sessions and submitting the feedback on all sessions by the participants is mandatory.
- + A quiz will be conducted at the end of each session of STTP consisting of questions from that particular session.
- + Certificates will be issued to the participants who attend all the sessions .

ADDRESS FOR CORRESPONDANCE

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DEPARTMENT OF MECHANICAL ENGINEERING

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On**

**SMART MATERIALS,
AUTOMATION AND ITS FUTURE
IMPACT ON HUMANS (PART-1)
SAFIH 2020**

REGISTRATION FORM

1. Name :
2. Email ID :
3. Contact No :
4. Designation :
5. Category :
 - + Faculty
 - + Industry Person
 - + Research Scholar
6. Institution/Industry ID (Upload)

Declaration

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

Place :

Date :

Signature of candidate