



SIX DAYS AICTE SPONSORED STTP ON PARADIGM SHIFT IN ASSESSMENT AND EVALUATION PRACTICES FOR ENGINEERING GRADUATES



PHASE ONE

Sponsor: All India Council for Technical Education
New Delhi

Dates of the event: 19 - 24 October 2020
Last date of registration: 14 October 2020

An Online Event on Zoom Platform

Host Institution: Amal Jyothi College of Engineering,
Kanjirappally, Kerala, India

Organized by: Dept of Electronics & Communication Engineering
[Accredited by National Board of Accreditation (NBA), India]



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About Amal Jyothi College of Engineering

Amal Jyothi College of Engineering has established itself as a benchmark of excellence in technical higher education and research. Founded in 2001 by the Catholic Diocese of Kanjirappally, Amal Jyothi is approved by the AICTE and affiliated to APJ Abdul Kalam Technological University (KTU), Kerala. It is the first new generation engineering college in Kerala with the prestigious NBA accredited departments and the first engineering college in Kerala with the recognition of 'A' grade from NAAC.

Amal Jyothi along with numerous other accolades is the first engineering college in Kerala to

establish an IEDC sponsored by the DST, Govt. of India

accomplish a TBI (Technology Business Incubator) for entrepreneurs with Govt. of India funding

establish a Rs. 5 crore Bio-TBI, sponsored by BIRAC of DBT, Govt. of India

set up an industry-in-institute for students to earn while they learn

About Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering started its commendable journey in 2001. With excellent infrastructure and full-fledged faculty, the department has always been in the path of rapid progress, making it one of the premier departments of Amal Jyothi. The department is accredited by the National Board of Accreditation (NBA), India till 2023. The course contents are intended to give the students a holistic and pragmatic view of the present scenario of the Electronics and Communication industry as well as a grounding in the concepts and theories that will shape the future of the industry. With highly sophisticated labs backed by industrial tie-ups, the department offers a plethora of opportunities for excellence of the students and faculty.

About the STTP

The Objective of Engineering Education is to equip the students with skills needed for the smooth functioning of the society. Now-a-days with the increase in the number of centres for Engineering Education, we seem to drift away from the actual ideology. The NBA accreditation focuses on this concept. The aim of the accreditation process is to bring out the best in students by monitoring them constantly by assessing their activities and giving them feedback by measuring their activities right from the time of joining the course to completion. The measurement of outcome continues even after the student leaves the college to ensure that the declared program outcomes have been effectively imparted to the students. In this course we design a system to ensure that the programme is suitably designed and imparted to get the maximum outcome from the students.

A paradigm shift is a fundamental change in the basic concepts and experimental practices of implementing education by faculty. Our education system is undergoing a change as announced by the Higher Education Council of India and the National Research Foundation through the NEP. This STTP is focused on making the faculty empowered for an outcome-based education with new pedagogical approaches to convert research projects to products and thus bring out the best in students. An Introduction to Outcome Based learning and the methods to achieve the Program Outcomes is presented by eminent and experienced resource persons. The phase 1 of this STTP focuses on the understanding and attainment of all the Program Outcomes as defined by NBA. The entire objective of the STTP will be covered in the subsequent phases.

SCHEDULE & SPEAKERS

Day 1: 19th October 2020

SESSION 1 : CREATING AWARENESS OF OUTCOME BASED EDUCATION AND OBA

10 AM - 12 PM **Dr. Preeti Bajaj, Vice-Chancellor, Galgotias University**

SESSION 2 : ROLE OF 'TEACHER' IN THE OBE SCENARIO

2 PM - 4 PM **Dr. C. Thomas Abraham, Retd. HOD, Life-Long Education, Mahatma Gandhi University**

Day 2: 20th October 2020

SESSION 1 : THE NEED FOR IMPARTING ETHICS IN ENGINEERING EDUCATION

10 AM - 12 PM **Shri. Abraham Kurien, IPS, DGP (Retd.) and Member, Amal Jyothi Governing Board**

SESSION 2 : QUALITATIVE PROCESS MANAGEMENT AS A VALUE ADDITION

2 PM - 4 PM **Shri. Amitabh Saxena, Founder & CEO, Anexas Consultants**

Day 3: 21st October 2020

SESSION 1 : EVOLUTION OF OBE AND THE ROLE OF STAKEHOLDERS IN OBE

10 AM - 12 PM **Dr. Jacob Philip, Dean Academics, Amal Jyothi College of Engineering**

SESSION 2 : COMMUNICATION SKILLS AND TEAM WORK- THE ROAD TO THE TOP

2 PM - 4 PM **Shri. Joe A Scaria, Former Senior Assistant Editor, Economic Times**

Day 4: 22nd October 2020

SESSION 1 : FROM PRINCIPLES TO PRACTICE – THE JOURNEY AHEAD

10 AM - 12 PM **Shri. A G Hareendralal, IEEE Intersociety Chairman & Director, Anantha Gangah Institute of Engineers**

SESSION 2 : PROJECT MANAGEMENT AND FINANCE - INSIGHT FOR ENGG. GRADUATES

2 PM - 4 PM **Dr. Mathew P.A., Chairman, Grace International Academy**

Day 5: 23rd October 2020

SESSION 1 : ENVIRONMENT AND SUSTAINABILITY-THE NEED OF ALL TIMES

10 AM - 12 PM **Prof. V.K. Damodaran, Chairman, Centre for Environment & Development, TVM**

SESSION 2 : RESEARCH AND LIFE-LONG LEARNING- HOW TO BE A WINNER

2 PM - 4 PM **Dr. Soney C. George, Dean Research, Amal Jyothi College of Engineering**

Day 6: 24th October 2020

SESSION 1 : OUTCOME BASED EDUCATION – PROGRAM OUTCOMES ATTAINMENT

10 AM - 12 PM **Dr. Biju K., Assistant Professor, Central University of Tamil Nadu**

SESSION 2 : NEED FOR SUSTAINABILITY IN PROJECT DESIGNS

2 PM - 4 PM **Dr. A.P. Jayaraman, Retd. Scientist and Former Head of Media Relations, BARC**

REGISTRATION

Interested candidates must fill up the Google form available at following link: <https://forms.gle/8h3qWD3MS2XT2dARA> on or before 14th October 2020.

The number of participants is limited to 200 and the participants will be selected on First come First serve basis. Registrations will be confirmed based on scrutiny by the Programme Evaluation Committee.

The selected participants will be intimated by email on 16th October 2020.

After receiving the registration confirmation mail, the participant should fill in the registration form given in the confirmation mail and email it to sttp@amaljyothi.ac.in on or before 17th October 2020.

There is no registration fee.

CERTIFICATE

Certificate will be issued to those participants who attend all the sessions and qualify in the test conducted at the end of the programme.

COMMITTEE

Core Team

H.E. Mar Jose Pulickal, *Bishop, Diocese of Kanjirappally*
Rev. Fr. Dr. Mathew Paikatt, *Manager*
Rev. Fr. Jacob Kodimarathumoottil, *Bursar*
Dr. Z. V. Lakaparambil, *Principal*
Prof. Tomy Joseph, *Dean-Admin*
Dr. Jacob Philip, *Dean-Academics*
Dr. Soney C. George, *Dean-Research*
Rev. Fr. James Elanjipuram, *Dean-Basic Skills & Welfare*
Rev. Fr. Rubin Thottupuram, *HOD- MCA*

CONTACT

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Steering Committee

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Associate Professor (Member Secretary & Course Coordinator)
Dr. Jacob Philip
Dean Academics (Subject Expert)
Prof. K.G. Satheeshkumar
HOD - ECE (Member)
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HOD - Civil Engg. (Member)

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