



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



PHASE THREE

Sponsor: All India Council for Technical Education
New Delhi

Dates of the event: 07 - 12 December 2020
Last date of registration: 04 December 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.

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. The entire objective of the STTP is covered in the three phases. An Introduction to Outcome Based learning and the methods to achieve the Program Outcomes was presented by eminent and experienced resource persons in Phase 1 which was conducted from October 19th to 24th. The phase 2 of this STTP focussed on NEP and accreditation procedures which was conducted from November 16th to 21st. The Phase 3 of the STTP focuses on 'The Need for Modern Tool Usage in Engineering Education'.

SCHEDULE & SPEAKERS

Day 1: 7th December 2020

SESSION 1 : SHAPING THE CULTURE OF ENGINEERING - THE RISE OF OBE

10 AM - 12 PM **Dr. M S Rajasree, Vice-Chancellor, APJ Abdul Kalam Technological University**

SESSION 2 : INNOVATE @ APPLE - THE STEVE WAY

1.30 PM - 3.30 PM **Shri. Rajit Karunakaran, Founder and CEO, Probiz Knowledge Centre, India**

Day 2: 8th December 2020

SESSION 1 : DESIGNING THE FUTURE – DESIGN THINKING SIMPLIFIED

9.30 AM - 11.30 AM **Shri. Rajit Karunakaran, Founder and CEO, Probiz Knowledge Centre, India**

SESSION 2 : PROFESSIONAL DOCUMENTATION USING LYX

1.30 PM - 3.30 PM **Mr. Sreerag V, Assistant Professor (ME), Amal Jyothi College of Engineering**

Day 3: 9th December 2020

SESSION 1 : ENGINEERING TOPICS - LEARNING, DEVELOPMENT METHODS, ASSESSMENT AND EVALUATION PRACTICES

9.30 AM - 11.30 AM **Dr. Sajeev Nair, Chairman and CEO, Competent HR Solutions and ASSET**

SESSION 2 : LEARN AND DESIGN WITH CANVA APP

1.30 PM - 3.30 PM **Shri. Ashok P. Das, Chairman and Managing Director, Next Step Career Academy Pvt. Ltd.**

Day 4: 10th December 2020

SESSION 1 : TOOLS FOR LEARNING WITH VR/AR

9.30 AM - 11.30 AM **Mr. Thomson Tom, Infusory Future Tech Labs Pvt. Ltd.**

SESSION 2 : BECOMING A SUPERCHARGED FACULTY - OPPORTUNITIES & APPROACHES

1.30 PM - 3.30 PM **Mr. Anu Abraham Mathew, Assoc. Professor (ECE), Amal Jyothi College of Engineering**

Day 5: 11th December 2020

SESSION 1 : DIGITAL TOOLS FOR TEACHERS/ EDUCATORS

9.30 AM - 11.30 AM **Mr. Jishnu P, Director - R&D, Techagelabs**

SESSION 2 : TECHNOLOGICAL DEVELOPMENTS IN EDUCATION: PSYCHOLOGICAL CHALLENGES

1.30 PM - 3.30 PM **Mr. Niranjana Reddy Challa, Consultant Psychologist, The English and Foreign Languages University, Hyderabad.**

Day 6: 12th December 2020

SESSION 1 : VISUAL STORYTELLING – IMPACTFUL VIDEOS FOR TEACHING

9.30 AM - 11.30 AM **Shri. Rajit Karunakaran, Founder and CEO, Probiz Knowledge Centre, India.**

SESSION 2 : CLASS TO SCREEN - A MODEL FOR MORE EFFECTIVE TEACHING ONLINE

1.30 PM - 3.30 PM **Shri. Biju Neelambaran, Business Owner at RB Global Trading DMCC, UAE**

REGISTRATION

Interested candidates must fill up the Google form available at following link: <https://forms.gle/8h3qWD3MS2XT2dARA> on or before 4th December 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 5th December 2020. There is no registration fee.



QR CODE FOR
REGISTRATION
FORM

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

Patron

H.E. Mar Jose Pulickal, *Bishop, Diocese of Kanjirappally*

Core Team

Rev. Fr. Dr. Mathew Paikatt, *Manager*
Rev. Fr. Jacob Kodimarathumoottil, *Bursar*
Dr. Z. V. Lakaparambil, *Principal*
Prof. Tomy Joseph, *Registrar*
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*

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Dr. Therese Yamuna Mahesh
Associate Professor (Member Secretary & Course Coordinator)
Dr. Jacob Philip
Dean Academics (Subject Expert)
Prof. K.G. Satheeshkumar
HOD - ECE (Member)
Prof. Shiju George
HOD - Information Technology (Member)

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