

Preamble

With the motto of creating a critical mass of robotic researchers and professionals across the globe, a Faculty Development Programme on "Robotics, Artificial Intelligence and Control (RAIAC 2020)" has been proposed by NIT Calicut, sponsored by TEQIP-III in association with The Robotic Society (TRS) and IKJNCR. This programme focuses on the introduction and advanced developments in the areas of Robotics, Artificial Intelligence (AI) and Control which have gained worldwide importance primarily due to their wide spectrum of applications. This workshop will act as a platform to bring together the experts from across the globe to deliberate on recent advancements in various fields of robotics. Scientists, engineers, academicians, researchers and students interested in the field of robotics and AI should relish this experience.

About NIT Calicut

Kozhikode also known as Calicut, is a city in the state of Kerala in southern India on the Malabar Coast. The district of Kozhikode has a unique place among other regions of Kerala. It was here that Vasco da Gama, the Portuguese navigator set foot in 1498, resulting in the beginning of close trade relationships with European powers. The district was the former capital of the powerful Zamorins and is known for its beautiful beaches, historic monuments, unique culture and many more. National Institute of Technology Calicut campus is situated at Chathamangalam, 22km north east of Kozhikode on the Kozhikode-Mukkam road. The institute was established in 1961 and was known as Calicut Regional Engineering College (CREC) until 2002. It is one of the National Institutes of Technology established by the Government of India for imparting high standard technical education to students.



TEQIP SPONSORED NATIONAL WORKSHOP ON Robotics, Artificial Intelligence and Control (RAIAC 2020)

REGISTRATION FORM

1. Name Mr/Ms/Dr.....
 2. Category: Student/Faculty/Industry
 3. Designation.....
 4. Department
 5. Specialization.....
 6. Organization.....
 7. Experience in years.....
 8. Address for communication.....
 9. Mobile No.....
 10. WhatsApp No.....
 11. Email ID.....
 12. Fee Payment Details.:(Online Transfer)
Transaction Date.....
Transaction Ref. No.....
Name of the Bank
 13. Accommodation required: Yes/No.....
 14. Type of meal: Veg/Non-Veg.....
- Signature of the applicant

Recommendation of HoD/Principal

Faculty Development Programme and Training at NIT Calicut on

Robotics, Artificial Intelligence and Control (RAIAC 2020)



Organized by



Department of Mechanical Engineering
National Institute of Technology Calicut
Kerala
www.nitc.ac.in

3rd to 8th February, 2020

Sponsored by TEQIP-III NIT Calicut and India-Korea Joint Network Centre for Robotics (IKJNCR)- IIT Delhi

Significance & Objectives of the programme

- To provide a unique opportunity of learning through lectures, demonstrations and hands-on training in various aspects of Robotics
- To strengthen the linkage between working academia and industry who are currently in the area of Robotics, AI and Control
- To understand the latest developments in the fields of Robotics, AI and Control
- To motivate students and faculty to do research in the field of robotics

Course Contents

- Kinematics, Dynamics and control of serial, parallel and mobile robots
- Artificial Intelligence and Control
- Vision and navigation
- Humanoid Robotics
- Medical Robotics
- Cobotics
- Under-water / Aerial robotics
- Hands-on session / Training

Expected Outcome

This course will provide a forum for participants to exchange ideas on the state of the art research and developments in the field of Robotics, AI and Control. This course will also help to identify future research needs in this interdisciplinary emerging field. The research scholars and Robotics Interest Group (RIG) of NIT Calicut will also get wider exposure and interaction opportunities with industrial experts and eminent academicians in the field of Robotics

Resource Personnel

Resource persons include experts from Korea and leading Industries in India, The Robotic Society (India), scientists from Research Organizations and eminent faculty from IITs and NITC

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on

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Registration fee

TEQIP Institutions:

Faculty: Rs.6000/- +18% GST+1 % Cess

PG/PhD Scholars: Rs.3000/- +18% GST+1 %Cess

Non-TEQIP Institutions:

Faculty: Rs.3000/- +18%GST+1 % Cess

PG/PhD Scholars: Rs.2500/- +18% GST+1 % Cess

Industries/R&D/others:

Rs.10000/- +18% GST+1 % Cess

The Registration fee is Non-refundable

The registration fee should be paid by the selected candidates only through online bank transfer. The bank account details are given below:

Account Name: Director NIT Calicut,
Continuing Education Programme,

Account No: 37618269594;

Branch: SBI NIT Calicut, IFSC code:
SBIN0002207

Who should attend

Academicians
PG/PhD Scholars
Delegates from industry

The registration fee includes course material, food and refreshments for all days. No TA/DA will be paid for the participants

Boarding & Lodging

All participants will be accommodated in the Institute Hostels/Guest house on payment basis (subject to availability).

Application Procedure

Interested applicants should fill the pre-registration form which can be accessed through the QR code or the link given below. After a scrutiny the selected candidates will be intimated about the registration procedure through an email.

<https://forms.gle/2Td9bQvMNBHLf8wq7>



Important dates:

Start of Pre-registration: 20th December, 2019

Intimation of selection : 10th January, 2020

Last date for Pre-registration:18th January,2020

Coordinators

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