DTE Sponsored Six Days Faculty Development Programme on Digitalization in Civil Engineering

15th to 20th January, 2024

About the Institution
Rajiv Gandhi Institute of Technology, Kottayam, named after late Prime Minister Rajiv Gandhi started functioning in the year 1991. The college is affiliated to the APJ Kerala Technological University. The Institute is owned and managed by the Government of Kerala. The Government started this institution with the view of making it a centre of excellence for post-graduation and research studies. Over the years, the institution has emerged as one of the premier institutes for technical education in the state with good infrastructure and a team of dedicated faculty. The Institute currently offers 7 undergraduate and 9 post graduate programmes, Ph. D and MCA programmes. The college is situated at Nedumkuzhy, 15 km away from Kottayam railway station on NH 183 (KK road).

About the Department
The Department of Civil Engineering has been in existence since the inception of RIT. The Department offers B. Tech programme in Civil Engineering and two M.Tech programmes in Transportation Engineering, and Structural Engg. & Construction Management. The Department is also an approved research centre under APJKTU and is recognized as a Quality Improvement Programme centre for PhD by AICTE.

Vision
To be a Centre of high-quality academic programmes, consultancy, extension services in civil engineering.

Mission
Develop and deliver undergraduate, postgraduate, and research programmes capable of evolving various sustainable habitat and infrastructural solutions. Execute better pedagogic practices. Build up better facilities. Encourage constant knowledge upgradation to staff.

Course Description
The main objective of this FDP is to enhance knowledge and understanding in the area of digital technologies, automations and Artificial Intelligence in Civil Engineering. This FDP would benefit the faculty and researchers about the recent trends in this area. The sessions include technical presentations by experts from academic institutions and industry.

Course Content
- Introduction to Digital Technologies
- 3-D printing technology in Concrete
- Building Information Modeling (BIM)
- LEAN construction
- Structural Forensic Inspection
- Augmented reality in construction
- Applications of AI, ML and Deep Learning
- Fundamentals of GIS and Applications in Civil Engineering
- Stress management

Organised by
Department of Civil Engineering
Rajiv Gandhi Institute of Technology
Government Engineering College, Kottayam
Velloor PO, Pampady, Kottayam – 686501
www.rit.ac.in
Important Dates
Start Date of Registration: 30th December, 2023
Last Date of Registration: 10th January, 2024
Selection Intimation: 13rd January, 2024
Dates of FDP: 15th to 20th January 2024

Who can apply?
Faculty of Engineering Colleges and Polytechnic Colleges, Research Scholars and Persons from Industry.

Registration fees
There is no registration fee for faculty from Govt./Aided/ Govt. Controlled institutions. A nominal fee of Rs. 1000/- will be collected from faculties of private self-financing colleges and persons from Industry. The details of the fee payment are as follows
A/C Name: Sneha S
Account Number: 2779101006677
IFSC Code: CNRB0002779
Bank Name: Canara Bank
Branch: Ericaud, Vettathukavala

How to register?
Department candidates apply through DTE Portal before the last date
http://admissions.dtekerala.gov.in/tpms
Other participants please fill up the Registration form before the last date:
https://forms.gle/PQTPRc8mpYKEsKhq9

Note: All candidate must upload a scanned copy of Registration Form along with the Sponsorship Certificate duly signed by the Head of the Institution. Faculty of self-financing colleges and persons from Industry, must pay the registration fee and upload the same.

Resource Persons
Prof. Manu Santhanam
Professor, Department of CE, IIT Madras

Dr. Ranjith K Soman
Assistant Professor, Delft University of Construction

Er. Dilba R. K.
OUC | Liverpool John Moores University

Dr. T. Palanisamy
Associate Professor, Department of CE, NIT Karnataka

Dr. Mahesh Balasubramani
Programme Director- ACM, NICMAR, Hyderabad

Dr. Vishnu Baburajan
Lead Data Scientist, Nissan Digital India LLP

Dr. Niniv Philip
Professor, Sainitghts College of Engineering

Prof. Vinay Mathews
Assistant Professor, CCET, Punnnapra

Dr. Abin Varghese
School of Environmental Sciences, MG University

Ms. Jisha Joseph
Trainer, ADP India

Coordinates
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Advisory Committee
Dr. Prince A, Principal, RIT Kottayam
Dr. Vinish V Nair, Professor & HoD CE, RIT Kottayam
Prof. Geeva George, Centre Coordinator, RIT
Dr. Dhanya B.S., Associate Professor, RIT Kottayam

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Rajiv Gandhi Institute of Technology, Kottayam
Velloor PO, Pampady, Kottayam – 686501

Six days FDP on Digitalization in Civil Engineering
(15th – 20th January, 2024)

REGISTRATION FORM
Name:
Designation:
Address:
Phone:
Email:
Date:
Signature of Candidate
Note: No TA/DA will be provided for the participants

SPONSORSHIP CERTIFICATE
Prof./Dr./Mr./Ms................................................
................................................ is an employee of our institute and
he/she is sponsored for the six days FDP on Digitalization
in Civil Engineering. He/She will be permitted to attend
the course if selected.

Date:
Signature of the Head of Dept./Institution

Office Seal