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Link for Registration:

<https://atalacademy.aicte-india.org>

Important dates:

Last date of registration : 26-07-2021

Date of confirmation via e-mail : 28-07-2021

ABOUT THE INSTITUTION

College of Engineering Kidangoor is one among the premier educational institutions in the field of technical education, under the Co-operative Academy of Professional Education (CAPE), a Government of Kerala establishment. Started in 2000, the quality of performance and training is widely accepted and appreciated, which is further reiterated with the records set every year in the higher rate of university ranks and campus placements with MNCs. The institute is ISO 9001:2015 certified and continues to maintain the highest standards in imparting quality education.

Affiliated to the A P J Abdul Kalam Kerala Technological University, presently the institution offers B.Tech courses (ECE, CSE, EEE and CE) and M.Tech courses (CS & ECE) dedicating about 300 quality professionals every year for the nation building. The college, now two decades old has already established itself as one among the leading Engineering Colleges in Kerala.



Online Faculty Development Programme

on

Modern Trends in Civil Engineering

&

Construction Industry

Sponsored by

AICTE

2nd to 6th August 2021

Organised by

DEPARTMENT OF CIVIL ENGINEERING

(NBA Accredited)

COLLEGE OF ENGINEERING KIDANGOOR

(Under CAPE -Established by Govt. of Kerala)

Kidangoor South P.O

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ABOUT THE PROGRAM

Modern trends in the form of materials and technologies are fast evolving in Civil Engineering and Construction industry. Right from inception to the realization of projects various smart materials and smart technologies are adopted. Virtual Reality, Augmented Reality, Building Information Modelling, Drones in Infrastructure Development, Intelligent Transportation Systems, Smart Cities, Developments in the area of Foundation Engineering, Environmental Engineering, Water Resource Engineering, Structural Engineering are some of the areas where lot of new developments are taking place. This FDP intends to expose the participants to various developments in the above areas and their field applications.

The aim of this training programme is to update the latest studies going on in the various areas of Civil Engineering and the modern trends in the construction industry. This will provide an opportunity for the participants to interact with the experts from academia and industry and will motivate the participants to know more and carry out research in the above areas

COURSE CONTENT

- Drones in Infrastructure Development
- Modern trends in Traffic Engineering
- Modern Trends in Foundation Engineering
- Forensic Investigation of Concrete Structures
- Emerging Trends and Sustainable Practices in Construction Industry
- Recent advances in Cement industry
- Sustainable and Lean ways of Construction Management
- Digital Construction
- Industrialised Construction

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in 2010 with well qualified faculty members and is equipped with state of the art laboratories. The Undergraduate Program offered by Department of Civil Engineering is accredited by the National Board of Accreditation (NBA). The department is always blessed with industrious students of high caliber and good academic records. The department also encourages its students to engage in co-curricular activities essential for holistic development, nurturing of team spirit, developing organizational skills and interest for higher studies.

Our Vision

To be a leading centre of eminence, by providing competent Civil Engineering professionals, with state of the art knowledge of the industry and commitment to sustainable development of the society.

Our Mission

To provide quality education to students at undergraduate level through constant knowledge upgradation and to strive to maintain pace with the latest and most sophisticated innovations, research and development in the field of Civil Engineering within the ambit of sustainable development.

WHO CAN APPLY?

Faculty members from educational institutions approved by AICTE. Researchers, professionals from industries/ government departments are eligible to attend this training programme.

HOW TO APPLY?

Register at <https://atalacademy.aicte-india.org>

- The details of online platform and meeting link will be communicated to the selected candidates through their registered email.
- An online test will be conducted at the end of the programme.
- All participants need to submit an online feedback.
- The certificates shall be issued to those participants who attend the programme with minimum 80% attendance and score minimum 60% marks in the test.



COLLEGE OF ENGINEERING KIDANGOOR
DEPARTMENT OF CIVIL ENGINEERING

**Five Day Online Faculty Development Programme on
"MODERN TRENDS IN CIVIL ENGINEERING & CONSTRUCTION INDUSTRY"**
Sponsored by AICTE Training and Learning Academy (ATAL)



2nd - 6th AUGUST 2021
SCHEDULE

	Session timings	9.00am - 11.00am		11.00am - 1.00pm	2.00pm - 4.00pm	
DAY 1 02/08/2021 Monday	Resource Person	9.30am Inauguration	Dr. Praveen A, Registrar, APJ Abdul Kalam Technological University, Kerala	Dr. Sripriya Rengaraju, Post Doctoral Researcher, Cambridge University, UK	Er. Freddy Soman, Assistant General Manager-Quality, ULCCS Ltd, Calicut	
	Session Title		Keynote Address	Structural Health Monitoring	Concrete Structural Condition Assessment Methods	
DAY 2 03/08/2021 Tuesday	Resource Person	Padmasree Dr. G Sankar, Architect, Founder and Chairman, Habitat Technology Group		Dr. Anil Joseph, Managing Director, Geostructurals Pvt. Ltd.	Dr. Albert Thomas, IIT Bombay	
	Session Title	Traditional Idioms in Building Design		Emerging Trends and Sustainable Practices in Construction Industry	Sustainable and Lean ways of Construction Management	
DAY 3 04/08/2021 Wednesday	Resource Person	Dr. Arun C Emmanuel, Assistant Manager-Technology & Skilling, ULCCS Ltd.		Er. Arun Baboo, Chief Technical Officer, HABOG Consultants Pvt.Ltd. & Er. Rajesh N, Director, M/s Asia Infrastructure Advisory Services, Bangalore	Dr.Ranjith K Soman, Post. Doc., Imperial College, London	
	Session Title	Cement Industry: Challenges and Recent Advances		Modern Materials and Trends in Highway Construction	Industrialised Construction	
DAY 4 05/08/2021 Thursday	Resource Person	Dr. Muhamed Safer P.K, NIT Calicut		Dr. Bino I Koshy, Professor Emeritus, RIT, Pampady	Ms. Sujisha V, Technical Manager, BIMLABS Engineering Services Pvt.Ltd.	
	Session Title	Siesmic Response Assessment of Steel Moment Resisting Frames		Emerging Trends in Traffic Management	Digital Construction	
DAY 5 06/08/2021 Friday	Resource Person	Er. Nishadh S, Director, SenseImage Technologies Pvt Ltd Chennai		Er. Hemanth Narayan, Director, BAUER, Indonesia	Er. Rajan K George, Project Manager, Singapore	4.00-4.30pm Test, feedback and valedictory function
	Session Title	Drones and its Applications in Civil Infrastructure Projects		Retaining Wall for Deep Basement using Secant Pile Wall and Top Down Construction	Modern Trends in Civil Engineering and Construction- A Singapore Perspective'	