

DST - SERB SPONSORED
National Seminar on
**ARTIFICIAL INTELLIGENCE
IN CONSTRUCTION**

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CONTACT DETAILS

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KCG College of Technology
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REGISTRATION FEE

Students : Rs. 400
Academicians : Rs. 800
Engineers : Rs.1000

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Department of Civil Engineering
Dr. P. Sivakumar, *Professor*
Department of Civil Engineering

Coordinators

Dr. P. S. Aravind Raj
Assistant Professor (S.G)
Mr. R. Deepak
Assistant Professor

Organizing Committee

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KCG
COLLEGE OF TECHNOLOGY



(A Unit of Hindustan Group of Institutions)
A Christian Minority Institution

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited by National Board of Accreditation (NBA), New Delhi
An ISO 9001:2015 Certified Institution



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**NATIONAL SEMINAR
on
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10th - 12th April, 2019

**Organized by
Department of Civil Engineering**



KCG COLLEGE OF TECHNOLOGY

KCG College of Technology was founded in 1998 to fulfill the Founder-Chairman, Dr KCG Verghese's vision of "To Make Every Man a Success and no Man a Failure". It is a Christian minority institution, affiliated to Anna University, Chennai and approved by AICTE, New Delhi. KCG College of Technology aspires to become a globally recognized centre of excellence for science, technology & engineering education, committed to quality teaching, learning and research while ensuring for every student a unique educational experience which will promote leadership, job creation, social commitment and service to nation building.

ABOUT THE DEPARTMENT

The Department of Civil Engineering offers undergraduate program to meet the demand for quality Civil Engineers with emphasis on fundamental theory and practice in Civil Engineering keeping in view the current and continuously changing scenarios in this discipline. The department has highly qualified faculty and excellent infrastructure facilities like state of the art laboratories, class rooms with modern teaching aids. In addition to teaching and instruction, the faculty are also engaged in active research with an aim to generate innovative concepts and ideas or apply the existing technologies to new applications. The Department also undertake industrial consultancy work and also organizes Conferences / Workshop for professional interaction. Experts from industry are regularly invited to present lectures and to interact with students and faculty. The Department is also proud to have a Distinguished Visiting Professor, Dr. M. V. Ramanamurthy, Scientist G & Head, ICMAM under AICTE- INAE, distinguished visiting professorship scheme.

ABOUT THE SEMINAR

The main objective of this programme is to provide an opportunity for students and faculty to have an insight about the application of the 'Artificial Intelligence' in the field of Civil Engineering and Construction. Experts from the field of 'Artificial Intelligence' and 'Civil Engineering' disseminates their knowledge of effectively implementing the concepts in solving problems in the construction industry.

WHO CAN ATTEND?

- Students (U.G. & P.G.)
- Faculty members
- Practicing Engineers &
- Entrepreneurs

TOPICS TO BE COVERED

- AI in Construction - General
- AI in Planning and Design (VR, AR)
- 3D Printed Concrete
- AI in Construction Management and Scheduling
- AI in Surveying (Drones)
- AI in Construction Equipment (Robots)
- AI in Transportation (Autonomous Vehicles)
- AI in Disaster Management
- AI in Risk Management
- AI in Environment Monitoring and Safety

KEY-NOTE SPEAKERS

Dr. Deepak Khemani
Professor, IIT Madras

Dr. Manu Santhanam
Professor, IIT Madras

Mr. K. Padhmanaban
CEO, Stratnel Technologies, Bengaluru

Dr. G. P. Ganapathy
Director
Center for Disaster Mitigation and Management
VIT, Vellore

Dr. M. Krishnamurthy
Head, Department of CSE
KCG College of Technology, Chennai

Dr. V. Vandhana Devi
Head, Department of Civil Engineering
KCG College of Technology, Chennai

Mr. Srinivasan Sundarraj
Technical Advisor, GAVS Technologies, Chennai

Mr. T. R. Silambarasan
Assistant Manager, L&T Constructions

Mr. Arvind Kumar Rai
Chief General Manager, CMRL, Chennai

Dr. G. A. Vijayalakshmi Pai
PSG College of Technology, Coimbatore

Mr. Sekar Kumbeshvara
Chief Engineer & Administrator (Retd.), ALHW
Ministry of Shipping