



**GHOUSIA COLLEGE OF ENGINEERING
RAMANAGARA**

Affiliated to VTU, Belagavi, & Accredited by NBA & NAAC

**INSIGHTFUL LIVE WEBINAR ON
"ENGINEERING EXPLORATION FOR
SUSTAINABILITY"
11-NOV-2023**



For Registration

CLICK HERE 

Online session details will be communicated to selected participants through registered email

THE CERTIFICATE WILL BE ISSUED TO THOSE WHO REGISTERED AND FULLY ATTENDED.

**Organised by
Department of Civil.
Ghouseia College of Engineering
Ramanagara -562159
Karnataka.
Tel: 080-27273577
www.gce.edu.in**

SPEAKER:

Dr. Inayathulla M

Professor in Civil Engineering and
Director of Water Institute,
UVCE, Bangalore University

PATRONS:

Dr. Zahir Hasan

(President-IIC & Principal, GCE)

Convener-IIC:

Dr. N.S.Kumar

Director (R&D)- HoD(civil)

Co-ordinator-IIC:

Prof. Zahara Amreen

Dept. of CSE

Event Co-ordinator -IIC:

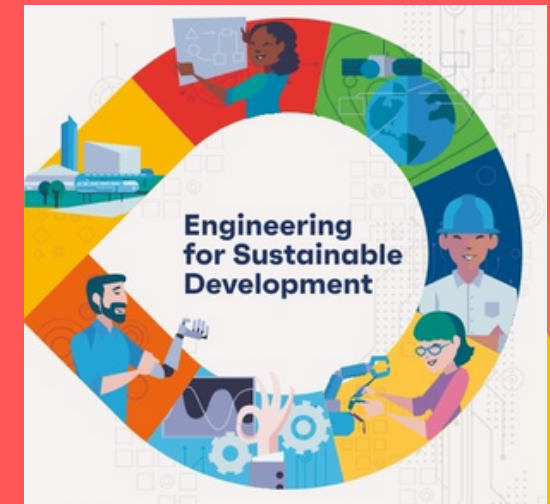
Mr. Athiq ulla khan

Dept. of civil.



PARTICIPANTS' INSTRUCTIONS

- ▶ Registration : Free
- ▶ Session Date: 11-Nov-2023
- ▶ Session Time: 10:00am to 11:00am
- ▶ Faculty members of the AICTE approved institution, Research Scholar and UG/PG Students. Technical staff can also be participated.
- ▶ Registration: Online





About the Institute

Ghouseia College of Engineering was started in the year 1980. The College is affiliated to Visvesvaraya Technological University, Belagavi and recognized by AICTE, New Delhi as well as Government of Karnataka. Departments are accredited by National Board of Accreditation (NBA) and NAAC. It is one of the reputed Minority Institutes in the State of Karnataka. The College is situated on an expanse of 35 acres of land, about 45 KMs from Bengaluru on the Bengaluru-Mysore National Highway 275. The library is housed in a separate building with a separate Issue, Reference and General Reading Room Sections with a sufficient collection of books and subscribed to the e-Journals through VTU Consortia. Hostel facility for about 600 students is provided in the campus with separate Hostel for Girls. The College has Excellent Sports facilities for students including gymnasium. Transportation facility is available for students hailing from Bengaluru, Mandya, Channapatna & Mysore.

The College was awarded as “Excellent Engineering College in Karnataka, in 2016” during II National Karnataka Education Summit & Awards by MNRE & MSME (Govt. of India), AICTE, Association of Indian Universities, CMAI, VTU, NSIC, Electronics India, niXi and NIELIT, organized by Visvesvaraya Technological University, Belagavi.

DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering was established in the year 1980 with a students' intake of 60. It has all the required infrastructure, laboratories, equipment, and well qualified faculty covering major specializations. The M. Tech. course in Structural Engineering approved by VTU is being offered since 2011. The Department offers consultancy and testing services in Civil Engineering field. It is a government approved third party inspection for various governmental/non-governmental works in its surrounding areas. It has a VTU approved Research & Development center since 2010 where more than 08 candidates were awarded Ph.Ds and three more have submitted their thesis to VTU. More than 04 patents were filed too by Dr. N S Kumar and Prof. Ummer Farooq Pasha from the department as on date. Total research publications so far exceed 250 in National/International Journals and Conferences. MODROBS and Research projects sanctioned by AICTE, VTU, DST, MoES & VGST including KSCST worth over one Crore were obtained and/are executed. The department was permanently affiliated to VTU, Belagavi during 2007 to 2013. The faculty members have authored more than eleven books, presented research papers in International / World conferences held at Australia, London, Canada, USA, Indonesia, Malaysia, Beijing etc. and have delivered expert & invited lectures both at National/International levels. Faculty members are also on the Editorial board of International journals besides being Reviewers. It has organized several national/state level conference/seminar/workshop in the past.

VISION OF THE DEPARTMENT

To transform the department into a Centre of excellence producing quality civil engineers equipped with knowledge, skill, character, and capability to compete nationally and globally.

MISSION OF THE DEPARTMENT

To provide high quality technical education and training to the budding civil engineers to nurture excellent civil engineering skills, Human and social values and to prepare for national and global competence.

About the Course.

Engineering Exploration for Sustainability is a pivotal field that addresses the intersection of engineering principles and sustainable development. Its significance lies in the urgent need to tackle global challenges such as climate change, resource depletion, and environmental degradation. This discipline emphasizes the creation of innovative, eco-friendly technologies and systems that minimize the impact on the environment while promoting economic and social well-being. It prompts engineers to rethink traditional methodologies, fostering the development of renewable energy sources, efficient waste management systems, sustainable infrastructure, and cleaner manufacturing processes. By integrating sustainable practices into engineering solutions, it helps to conserve natural resources, reduce pollution, and mitigate the effects of climate change. The applications of Engineering Exploration for Sustainability are vast and encompass various sectors including energy, transportation, construction, agriculture, and more. It leads to the creation of energy-efficient buildings, the design of eco-friendly transportation systems, the development of renewable energy technologies, and the implementation of sustainable water and waste management solutions. This webinar will inspire the next generation of engineers and innovators to chart a course towards a more sustainable and resilient world.



"SUSTAINABILITY IS THE KEY TO OUR SURVIVAL ON THIS PLANET AND WILL ALSO DETERMINE SUCCESS ON ALL LEVELS"