

GEC, MUNGER ABOUT US

Government Engineering College Munger was established in the year 2019 under Department of Science Technology and Technical Education, Government of Bihar. The college is approved by AICTE, New Delhi and affiliated to Bihar Engineering University Patna, with an aim of providing high quality technical education to UG level, the institute is also involved in Research and Development in engineering and technology.

DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering presently offers B.Tech in Mechanical Engineering, with well-equipped laboratories, to achieve the aspiring goal of the state & the nation to become Global Manufacturing Hub. GEC, Munger stands as one of the premier centers of knowledge & learning in the state of Bihar. The department encourages students to engage in research and develop different models with problem solving approach in the field of mechanical engineering. Additionally, it offers Research & Consultancy services to wide variety of industries and organizations through training, workshops, technology transfer, capacity building, and awareness programs, contributing to the upliftment of society. The Department also collaborates with other premier educational Institutions and industries in learning and development of the Cutting Edge Technology.

PATRON

Dr. Alok Kumar Singh
Principal, GEC, Munger

CONVENOR

Dr. Manish Kumar
Assistant Professor, ME
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CO - ORDINATOR

Prof. Rashmi Rani
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ADVISORY COMMITTEE MEMBER

Prof. Ujjwal Kumar, Assistant Professor
Prof. Sonu Anand, Assistant Professor
Prof. Anant Kumar, Assistant Professor
Prof. Rahul Kumar, Assistant Professor
Prof. Chanchal Kumar, Assistant Professor
Prof. Pawan Kumar Mandal, Assistant Professor
Mr. Satyam Dewivedi, Technical Expert DSEU

Seminar

On

Fundamentals & Applications Of Computational Fluid Dynamics (CFD)

14th December, 2023

Timing: 11:00 AM to 1:00 PM



ONLINE/ OFFLINE MODE

**Organized by
Research and Development Cell
&
Department of Mechanical Engineering
Government Engineering College Munger,
Bihar 811202**

ABOUT THE SEMINAR

Computational Fluid Dynamics (CFD) is a numerical approach for simulation of fluid flow and heat transfer. It benefits industries by predicting fluid behavior, optimizing designs, and analyzing performance in different sectors without need of physical prototypes. CFD aids in cost-effective engineering solutions across aerospace, automotive, and environmental sectors, revolutionizing design processes and system evaluations.

SEMINAR THEME

The following topics will be covered in depth in seminar,

- Turbulence Modeling and Simulation
- Heat Transfer Analysis
- Multiphase Flow Simulation
- High-Performance Computing in CFD
- Aerospace Applications
- Automotive Engineering
- Environmental Fluid Dynamics
- Verification and Validation in CFD
- Mesh Generation and Optimization
- Future Trends and Innovations

RESOURCE PERSON



Prof. (Dr.) Bhajneet Singh
Assistant Professor

Department of Mechanical and
Automation Engineering
GB Pant DSEU Okhla-I Campus

CONTACT DETAILS

Prof (Dr.) Manish Kumar
(Mob No. 8083158093)
Prof. Rashmi Rani
(Mob No. 9955834470)

IMPORTANT INFORMATION

- Seminar on 14th December 2023.
- Last date of registration is 13th December 2023
- Visit our college website for update <https://gecmunger.org/>
- For any query feel free to reach us.

WHO CAN ATTEND

Academics, Faculty members, Engineers, Consultant, Research Scholars, PhD, PG and UG students of any field can participate in this seminar.
E-Certificate will be issued to all the participants who will attend the sessions.

REGISTRATION DETAILS

REGISTRATION LINK:-

<https://forms.gle/s78ox5eGX7vY4cbo8>

