

J.N. Government Engineering College

Jawaharlal Nehru Government Engineering College is an AICTE approved, State Government funded Engineering College. It is located at Sundernagar, District Mandi (HP) and is affiliated to Himachal Pradesh Technical University (HimTU), Hamirpur. The institute offers 4 years Bachelor of Technology courses in disciplines viz. Mechanical Engineering, Textile Engineering, Electronics & Communication Engineering and Civil Engineering.

Mechanical Engineering Department

The Mechanical Engineering Department was started in 2006 (at inception of the institute) with an intake of 40 students. The intake was increased to 60 in 2010 with the start of more courses, and expansion of infrastructure. The Department offers a 4-year B.Tech Programme in Mechanical Engineering, and is actively pursuing to start research programmes like M. Tech./Ph.D.

Vision

To impart globally relevant education which inspires the mechanical engineering graduates to innovate, be socially responsive and to develop adaptive solutions for the needs of the industry and society.

Mission

1. To prepare quality mechanical engineers with sound fundamentals, competent to develop technically feasible solutions to the complex real world problems, thus contributing to the development of the country.
2. To enhance problem solving capabilities of mechanical engineering graduates who can work in multi-disciplinary teams and undertake innovative research in their professional careers through higher education or in collaboration with industry.



Faculty Profile

Name	Designation	Specialization
Dr. Rajeev Khanduja	Professor	Statistical Quality Control & Reliability
Dr. Ritesh Kaundal	Associate Professor	Composites and Thermal Engineering
Er. Amitesh Sharma	Assistant Professor	Thermal and Fluid Sciences
Er. Mridul Sharma	Assistant Professor	Thermal and Fluid Sciences
Er. Ajay Kumar	Assistant Professor	Design
Er. Rohit Bhardwaj	Assistant Professor	Manufacturing
Er. Chetan Sharma	Assistant Professor	Manufacturing
Er. Sahil Sen	Assistant Professor	Mechanical Engineering
Er. Aman Sharma	Assistant Professor	CAD/CAM
Er. Deepak Thakur	Assistant Professor	Mechanical Engineering
Er. Amit Deor	Assistant Professor	Mechanical Engineering
Er. Navdeep Sharma	Assistant Professor	Composites



**Our Motto "उद्योगः सर्वार्थ साधकम्" Means
"Industrialization Solves Every Thing"**

Contact

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(District Mandi, Himachal Pradesh, India)
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Website: www.jngec.ac.in, email id: jngechp@yahoo.co.in

Lab Facilities

Laboratory/ Workshop	Major Equipments
Central Workshop	Trainer Lathe, Radial Drilling Machine, Shapers, Milling, EDM, CNC's
Fluid Mechanics/ Turbomachines	Wind Tunnel, Major & Minor Losses Apparatus, Hydraulic Turbines, Hydraulic RAM, Pump Test Rigs
Strength of Materials	UTM, Fatigue Testing Machine, Universal Hardness Tester
I.C. Engines	Variable Compression Ratio Engine Test Rig, Smoke Gas Analyzers, Engine Cross-section Models
Heat Transfer	Various Conduction, Convection and Radiation Test Rigs, Heat Exchanger Apparatus
Refrigeration & Air Conditioning	Computerized Vapor Compression Test Rigs, Window Type AC Unit, Water Cooler Test Rig, Ice Plant
CAD Lab	High End Computers along with NX Software.
Material Science Lab	High Resolution Metallurgical Microscope, Profile Projector



Notable Alumni

Ph.D's from IISc Bangalore/IIT's/NIT's



Shubham Sharma
Pursuing from
IISc Bangalore

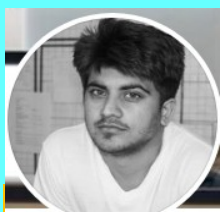


Dr. Rajneesh
NIT Hamirpur



Garima Soharu
Pursuing from
IIT Roorkee

Master's from IISc Bangalore/IIT's/NIT's



Govind Sharma,
IISc Bangalore
“Presently in
Reliance Jio
Infocomm”



Rajat Sharma,
IIT Guwahati
“Presently in
Hero MotoCorp”



Priybrat Sharma,
IIT Mandi
“Presently
Pursuing Ph. D
from KAUST,
Saudi”

- ◆ Sh. Rohit Bhardwaj, AP (ME), JNGEC Sundernagar
- ◆ Sh. Harish Nirala, AP (ME), RGEC Kangra
- ◆ Sh. Akshayender Singh, IOCL
- ◆ Sh. Amar Singh, ONGC
- ◆ Sh. Balam Sharma, AEE, HPSEB
- ◆ Sh. Ankesh Singh, AE, HPPWD
- ◆ Sh. Anurag Sharma, Excise & Taxation Officer (Govt. of HP)
- ◆ Sh. Sumit Sharma, Lecturer Govt. Polytechnic, Sundernagar
- ◆ Maj. Manik Sharma (Sena Medal), Indian Army
- ◆ Lt Commander Rahul Thakur, Indian Navy
- ◆ Sh. Vikas Kumar, ISRO
- ◆ Sh. Amit Chaudhary, NPCIL

& many more.....

* Come be part of academic journey and together with focused environment of technical education, the Department of Mechanical Engineering will assist prospective students in pursuing their dreams.

Expert Lecture/STC Organized (2020-21)

The department has organized 05 expert lectures/webinars in current academic year from eminent experts of academia and industry.

In addition, faculty and staff attended various training programmes organized by IIT's, NIT's, NITTR's and CIPET Baddi for sharpening their skills and expertise.

Student Activities

1. **Start-up & Incubation Cell and Innovation Cell** of the institute provides every possible assistance for technical projects and students of Mechanical Engineering have got financial assistance from this.
2. Students are involved in **NCC, NSS, Unnat Bharat Abhiyan, Technical Events, Sports and Cultural Events** for their all around skill development.
3. The department have membership of various technical societies like I.S.T.E, Institute of Engineers etc.
4. Students are provided coaching for GATE examination continuously during last two academic years. In addition, students are also provided software trainings.

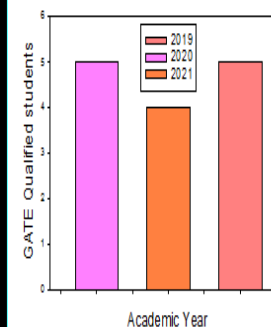


Sanctioned Intake & Fee Structure

Sanctioned Intake:
60+3* (*Tuition Fee Waiver Seats)

Fee Structure:
For Boys: Rs. 25,000 Per Semester + Nominal Charges as Per Institute and University Rules.
For Girls/TWF/PH (Exempted from Tuition Fee): Rs. 10,000 + Nominal Charges as per Institute and University Rules.

#Rs. 4000 Refundable Security + Rs. 2400 One Time Charges.



Mechanical Department is putting lot of emphasis on GATE examination. Over a period of last decade number of students have cleared GATE and joined various PSU's and institute of national importance for higher studies.

All interested students are provided free GATE coaching by specialized hired experts.

Placement & Our Recruiters

Undergraduate students are provided assistance by the Training and Placement Cell for their industrial training as per the university curriculum and campus interviews are also arranged in the institute.

Our Recruiters:

1. **Anglo –Eastern**
2. **Vardhman Group of Companies**
3. **Pie Infocomm Pvt. Ltd**
4. **P.A. Pinions Dharampur, Solan**
5. **PAPC Jubbar, Kasauli, Solan**

In addition, students are getting enrolled for higher education in IIT's/NIT's & other institutes of repute.

Lab & Research Contribution

The Department of Mechanical Engineering is fully equipped with state of art lab facility and research facility at par with institutes of national importance. The faculty is contributing in terms of research publications and during academic year 2019-20 total 04 publications in international journals of repute were published.

Future Goals

The department intends to enhance its research contribution and create a sound environment for technical education with creation of state of art lab facilities for making students employable as per industrial standards and requirements.

