

PLACEMENT BROCHURE

2022 - 2023

GOVIND BALLABH PANT INSTITUTE OF
ENGINEERING & TECHNOLOGY



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MESSAGE FROM THE HON. DIRECTOR'S DESK



Prof. V Singh
Director

Right since its inception in 1989, G.B. Pant Institute of Engineering & Technology (formerly G.B Pant Engineering College) has been catering to the needs of the students who want to excel in the field of technology and make a career out of it. The college has been constantly and consistently trying its best to keep in pace with the ever changing demands of industry and making inspiring strides for the same. This prestigious college has already marked its presence as a leading research and teaching college in the country. Its strengths and standings are best evidenced by the high quality of the students admitted in various programs and well qualified faculty. It is with great pleasure that I invite and welcome all the esteemed organizations that are looking forward to recruit young, talented minds from our campus. I hope that you will find efficient, confident students who are well suited to your placement requirements.

Looking forward to a long lasting relationship with your organization.



MESSAGE FROM THE **HEAD OF DEPARTMENT**



**Prof. ASHUTOSH
GUPTA**

ashuaec72@yahoo.com
9412500990

It gives me immense pleasure to lead the department of Mechanical Engineering. Our College is one of the premier institution, unique like a prism reflecting the manifold shades of learning and co-curricular activities.

The very motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing one's intellectual capability, besides career. Hence on behalf of our Mechanical Engineering department, I welcome you all to ME Deptt, GBPIET. Along with academic knowledge ME also trains its Engineers to face the challenges in life by providing many value added courses to enhance their career prospects. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with Training and Placement Cell ensures a bright future to its students. Thus, we are confident that our Engineers will emerge as assets not only to this institution and to the organization they belong, but also to the country at large.

I Congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the Students and Faculty a great academic career.



MESSAGE FROM THE T&P OFFICER'S DESK

GBPIET is one of the premier colleges imparting technical education in the state of Uttarakhand & INDIA. The mission of GBPIET is to be at the forefront of technology producing global quality engineering professionals in the service of the nation and to excel in various aspects of technical education. With the support of highly qualified faculty members and excellent infrastructure we have been playing our role to add the intellectuality and professionalism for the development of the country. The College is committed to equity and promoting talent without any prejudice. The Training and Placement office cordially invites and welcomes all the esteemed companies that are eager to recruit from our college. The training and placement cell ensures that the entire recruitment process is smooth and comfortable both for the organization and our students. We have all the necessary arrangements to support every domain of the recruitment process. We are confident that you will find apt arrangements meeting your requirements and hope that this placement process will lay down the foundation for a long relationship.

We ensure our students will be asset to your esteemed organization.



Prof. MANOJ KUMAR PANDA

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ABOUT US

Govind Ballabh Pant Institute of Engineering & Technology, Pauri is an Institute with total commitment to quality and excellence in academic pursuits. The College was established in 1989, as an autonomous body, with a view to fulfil the ever-growing demand for well-trained professionals. It is one of the premier colleges imparting technical education in the state of Uttarakhand.

The Institute is a fully residential leading institution of the State, offering degree courses in highly sought-after disciplines of Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Production Engineering, Civil Engineering and Biotechnology. The College also offers Masters degree course and Ph.D program in all the disciplines. The Institute has a very progressive policy towards extending all possible facilities to its faculty members to acquire higher degrees and receive advanced training. As a result, majority of the faculty members possess Ph.D. degrees. The entire campus is networked with 20 Mbps lease lines

MISSION

To produce quality manpower equipped with such human and social values.

To provide best facilities infrastructure and conducive environment to the students researchers, staff and faculty members for high quality education and research across all the disciplines.

Integrating excellent technical skills leadership, creativity and innovation for the benefit of mankind.

Promote quality research and education across all discipline in the respective emerging areas for sustainable development of nations ,state and society.

VISION

To pivot for excellence in technical education and producing globally competent professionals by building the strong teaching-learning and research environment.





ACADEMIC LIFE

GBPIET has always stood for best in education and pedagogy. We design our course to promote deep understanding and learning of concepts and course curriculum is constantly evolving, keeping in sync with global research. The following are some of the key components of curriculum at our campus. Each academic year is divided into two semesters, with the following outline:

S.No.	Title of Programmes	Year of Starting	Annual intake(JEE-main seats)	Total Strength
1.	B.Tech.(Computer Science & Engineering)	1992	60	255
2.	B.Tech (Electronics & Communication Engineering)	1991	60	252
3.	B.Tech.(Electrical Engineering)	1997	60	229
4.	B.Tech (Mechanical Engineering)	1997	60	255
5.	B.Tech.(Civil Engineering)	2005	60	255
6.	B.Tech (Manufacturing Engineering)	2021	60	44
7.	B.Tech.(Biotechnology)	2010	60	255

Post Graduation

M tech in Computer Science
 M tech in Production Engineering
 M tech in Digital Signal Processing
 M tech in Biotechnology
 M tech in Power System
 M.tech in Infrastructure

Doctoral Programme

Computer Science and Engineering
 Computer Science and Application
 Electronics and communication
 Mechanical Engineering
 Biotechnology
 Electrical Engineering
 Civil Engineering



DEPARTMENT OF

Mechanical ENGINEERING

The Department of Mechanical Engineering, in 24 years of its establishment, has come a long way developing along modern lines by laying emphasis upon Computational Tools, Simulation, and Analysis, Designing and Manufacturing Techniques. The Department has identified the following areas for growth:

- Simulation and Modelling
- Solid Mechanics and Design
- Manufacturing Sciences
- Mechatronics & Micro-Sensors

The Department offers two Undergraduate degree programs in Mechanical and Production engineering. These B.E. Courses have laid proper emphasis upon manufacturing and design courses with broad-based electives, two-semester project work and focus on basics. Also the Department intends to provide a flexible approach for the students to specialize in CAD/CAM through a host of professional electives, seminars and mandatory practical training in industry.

The Objective of the Mechanical Engineering Department is to assist the students to develop the professional skill in the discipline of Mechanical Engineering and to enable them to pursue the professional carrier as Mechanical Engineer in the nation and international arena. The department offers two undergraduate courses and one postgraduate course:

- B.Tech. Mechanical Engineering
- B.Tech. Mechanical (Manufacturing Engineering).
- M.Tech. Thermal Engineering.
- M.Tech. Production Engineering.
- Ph.D (Doctoral Programme)

Today, the world of Mechanical Engineering changes under the influence of advanced computational tools, vastly improved simulation and analysis, and entirely different manufacturing protocols. This has opened up new era of research in the department, such as Fracture Mechanics, Rapid Prototyping, Computational Heat Transfer, Supply Chain Management, Advanced Manufacturing Processes, CAD/CAM/CIM, Robotics and Mechatronics, Knowledge Management, Operations Management, Energy Management, Control Engineering.



Mission & Vision

As one of the founding department of Govind Ballabh Pant Institute Of Engineering and Technology the department of mechanical engineering played a key role in the practical based learning of the academic curriculum.

Mechanical engineering has also received accreditation from one of the most coveted body i.e, from the National Board of Accreditation (NBA). It is an honour for us to be the only accredited institution by the NBA in all Utrakhand's Technical colleges which ensures credibility of our resources and competency level of faculty and students. Moreover getting recognition from NBA also ensures that students are fit to work in industries and employers can rely on the quality of students and their skills.

Mission:

- Provide high quality education in Mechanical and Production Engineering for both undergraduate and postgraduate students.
- Provide support for faculty to conduct high quality research and ensure high quality education.
- Respond effectively to the needs of the industry and changing world.
- Enhance the community through civic responsibility, technical knowledge and the promotion of economic development.
- Provide technical expertise, training and assistance to students on advanced technologies.

Vision:

"To be centre of excellence in the field of Mechanical and Production Engineering by integrating the best of teaching, learning and research."



Department Academic Profile

Year started

- Department of Mechanical Engineering was established in 1997.

Total faculty

- Number of professors 2
- Number of associate professors 2
- Number of assistant professors 14.

Number of faculty members with Ph.D qualification

- 10 of our faculty members hold Ph.D with various specializations.

Area of specialization of faculty members

- Engineering Mechanics,
- Automobile Engineering,
- Internal Combustion Engines,
- Nonconventional Energy Resources,
- Metal Casting, Composite materials,
- Modelling and Simulation,
- Operations Management,
- Planning and Optimization techniques,
- Micro electro mechanical system,
- Metallurgy and material science,
- Combustion of High Energy Materials,
- Nanotechnology, Micro Electro Mechanical System,
- Welding & Machining,
- Metal Matrix Composites & Polymer Composites

Number of SCI(Science Citation Index): 105

Scopus journal paper published: 79

Number of patents published: 3

Number of reputed confrence papers proceedings: 158

Accreditation status

- Department has been accredited by NBA three times for the mentioned period 2006-2009 and 2018-2021 and after that One year extension in 2021.
- Department has submitted Compliance report in July-2022.



COURSE CURRICULUM

DESIGN OF MACHINE ELEMENTS

- 1.SOLID MECHANICS
- 2.MATERIAL SCIENCE
- 3.MACHINE DESIGN
- 4.KINEMATICS OF MACHINE
- 5.DYNAMICS OF MACHINE
- 6.CAD/CAM
- 7.ENGINEERING MECHANICS
- 8.OBJECT ORIENTED PROGRAMMING
- 9.VIBRATION
- 10.APPLIED MECHANICS

MANUFACTURING SCIENCE

1. MANUFACTURING SCIENCE
2. ADVANCE WELDING PROCESS
3. WELDING TECHNOLOGY
4. METALLURGY AND HEAT TREATMENT
5. NON DESTRUCTIVE TESTING
6. COMPOSITE MATERIALS
7. MACHINING SCIENCE
8. RAPID PROTOTYPING AND TOOLING
9. WORKSHOP TECHNOLOGY
10. UNCONVENTIONAL MANUFACTURING PROCESS

QUALITY CONTROL AND PRODUCT MANAGEMENT

- 1.INDUSTRIAL MANAGEMENT
- 2.QUALITY CONTROL
- 3.PRODUCT DEVELOPMENT AND DESIGN
- 4.MAINTENANCE AND SAFETY ENGINEERING
- 5.TOTAL QUALITY MANAGEMENT
- 6.SIX SIGMA
- 7.SYSTEM DESIGN
- 8.ADVANCE PRODUCTION ENGINEERING
- 9.OPERATIONAL RESEARCH
- 10.DESIGN OF PRODUCTION SYSTEM

FLUID AND THERMAL ENGINEERING

- 1.BASIC THERMODYNAMICS
- 2.APPLIED THERMODYNAMICS
- 3.HEAT AND MASS TRANSFER
- 4.I.C.ENGINE
- 5.REFRIGERATION AND AIR CONDITIONING
- 6.FLUID MECHANIS
- 7.FLUID MACHINERY
- 8.ENERGY CONSERVATION
- 9.POWERPLANT ENGINEERING
- 10.THERMAL TURBOMACHINE



LABORATORY & WORKSHOP FACILITIES



WIRE EDM



SHAPER



LATHE



EDM



RADIAL DRILLING



MILLING MACHINE



STEFAN BOLTZMAN APPARATUS



AIR COMPRESSOR



KAPLAN TURBINE APPARATUS



MORSE TEST RIG



CNC LATHE



FRANCIS TURBINE APPARATUS

Past Recruiters



HONDA



AMW

BUILT TO WIN



**MARUTI
SUZUKI**



Hero



भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS



रेल विकास निगम लिमिटेड
Rail Vikas Nigam Limited



Mahindra



TATA

TATA MOTORS



Ashok Leyland

OUR ALUMNI



Bhupendra Singh Rawat
Lead Engineer
SAIPEM
Batch 2005



Lalit Choudhary
Manager -Corporate
Contracts Deptt.
THDC INDIA LIMITED
Batch 2007



Ajay Shah
Assistant Manager
JK TYRES & INDUSTRIES
LTD
Batch 2008



Mukesh Pandey
Zonal Network Manager-
NEXA
Maruti Suzuki India Ltd.
Batch 2008



Bhaskar Sundriyal
Deputy Manager
BHEL
Batch 2009



Uday Raj
Assistant Professor
IIT Bhilai
Batch 2010



Himanshu Murari
Quality Assurance Engineer
Arjan Auto Pvt Ltd
Batch 2010



Anupam Prakash
Manager
Maruti Suzuki India Ltd
Batch 2010



Ashish Bhatt
Scientist
Aeronautical Development
Agency- DRDO
Batch 2011



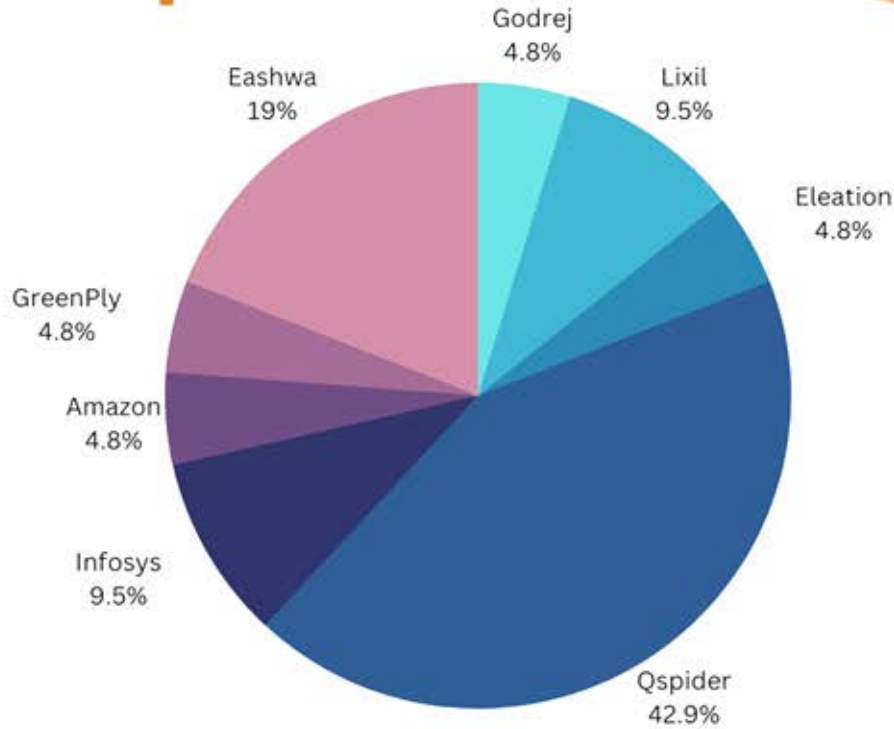
Deepak Kumar
Senior Section Engineer
Rail Coach Factory Ka-
purthala
Batch 2013



Diwakar Verma
Junior Engineer
DMRC
Batch 2014

Students Placement Details for the Batch 2021- 2022

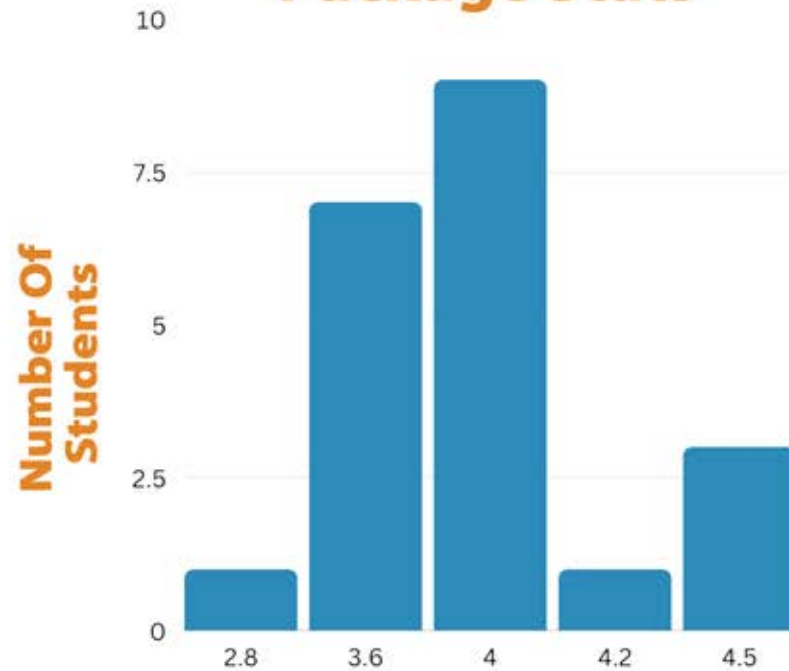
Top Recruiters This Year



Number of students selected per company

Godrej	1
Lixil	2
Eleation	1
Qspider	9
Eashwa	4
Infosys	2
Amazon	1
Green ply	1

Package Stats



Annual packages

Highest package : 4.5 Lpa

Average package : 3.9 Lpa

Lowest package : 2.8 Lpa

CAMPUS LIFE

GBPIET is the fully residential institute providing accommodations to all the faculties and students, is endowed with great infrastructure and various active groups like E-cell, Robotics club, Abhiviyakti, SAC, SEE, CCE, SAE, Aakar, coding clubs help students to explore their creativity.

GOONJ

The three days annual cultural festival have students competing in more than 50 cultural, literary, arts, music and dance events.



JOSH

The three days annual sports festival is organized consisting various indoor and outdoor games.

BAJA SAE

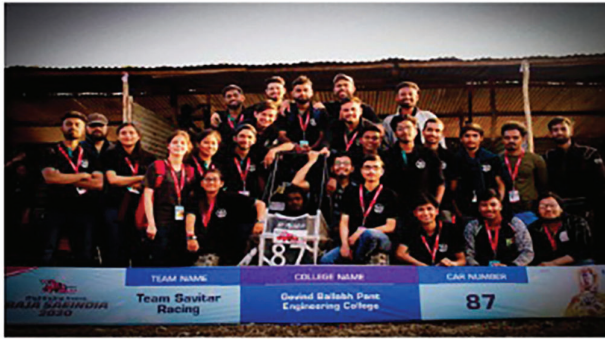
BAJA SAE is an intercollegiate design competition run by Society of Automotive Engineers. Every year our team TSR have achievements in lots of off road events.



SPANDAN

SPANDAN is an annual technical fest held in GBPIET in which students participate actively in various gaming and technical competition like Robosoccer, CSGO etc.

Student's Activity

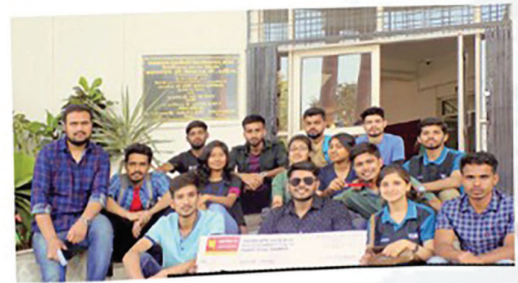


BAJA SAE 2020

Team Savitar Racing, a group of highly motivated and technical students of GBPIET represented our college in BAJA SAEINDIA 2020

ATVC Kota Rajasthan

AIR 1 in sales representation round at ATVC Kota

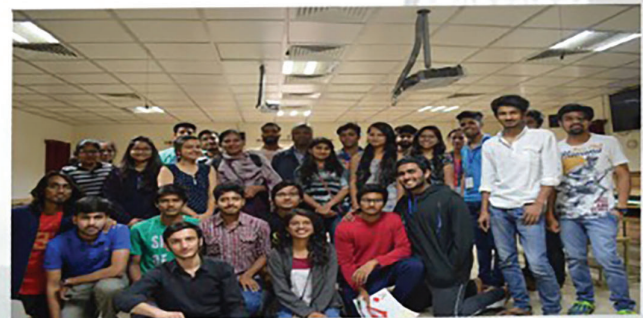


Chattra Vishwakarma Awards

2nd prize in chhatra Vishwkarma awards 2020

Technical Fest IIT Mandi

Students of G.B.P.I.E.T outshine other colleges at Technical fest at IIT Mandi



Vishwakarma Pooja

Department of Mechanical engineering and civil engineering continues its years of legacy with zeal and fervour for celebrating the traditional festival of "Vishwakarma pooja"



PLACEMENT TEAM



T & P OFFICER

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