

भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY



Information Brochure (2020-2021)

M.Tech. Programme
in

Production Engineering



About Us:

The aim of the Production Engineering Program is to produce engineers who are ready to contribute to the success of companies through effective problem solving while designing, developing, implementing and improving integrated systems that include people, materials, information, equipment and environment. Our students are specifically skilled to apply knowledge of mathematics, science, and engineering, as well as to analyse and interpret data. To embrace innovation through intellectual diversity and creative problem solving; and continue to develop holistically as a learner to become leaders of tomorrow.



Dr. Santosh Kumar (Ph. D IIT Kanpur)

Professor

Areas of Interest:

Metal Forming, CAD-CAM-Additive Manufacturing & manufacturing automation, Machine Tools & unconventional manufacturing, Integrated Product design & development



Dr. Sanjay Kumar Sinha (Ph. D IIT)

Professor

Areas of Interest:

Production



Dr. Rajnesh Tyagi (Ph. D IIT Roorkee)

Professor

Areas of Interest:

Materials Development, Tribology, Composite Materials, High Temperature wear & Self Lubrication, Surface Engineering



Dr. Sharadendu Kumar Shah (Ph.D IIT)

Associate Professor

Areas of Interest:

Production Engineering



Dr. Mohd. Zaheer Khan Yusufzai (Ph. D IIT)

Associate Professor

Areas of Interest:

Welding Processes, Welding Metallurgy, Friction Stir Welding, Inspection and Testing of welds, Materials Engineering, New manufacturing processes



Dr. Meghanshu Vashishta (Ph. D IIT)

Associate Professor

Areas of Interest:

Machining, Grinding, Welding, Material Characterization



Dr. Uppu Srinivas Rao (Ph. D IIT)

Associate Professor

Areas of Interest:

Modeling and Simulation, Micro-machining, Machining

COURSE

STRUCTURE

The main objective of production engineering branch is to educate young engineers & to conduct research in the wider field of organization and discover new ways to make life better for the general public. Our branch is mainly active in following disciplines:

1. Theory of Metal Machining.
2. Mechanics of Metal forming.
3. Casting Technology.
4. Welding Technology.
5. Industrial Metrology.
6. Machine Tool Engineering.
7. Unconventional Manufacturing processes.
8. NC and Robotics Systems.
9. Advanced Welding Metallurgy.
10. Laser in Manufacturing.
11. Total Quality Management



We aim to provide valuable resources for industry and society through excellence in technical education and research.



Lab Facilities: Being Practical

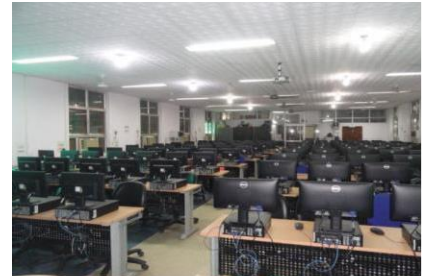
Casting lab

Welding lab

Forming lab

Machining Lab

metrology lab



Message from Prof. Incharge:

It gives me immense pleasure to extend you a most cordial invitation to participate in the Campus Recruitment Programme of the Indian Institute of Technology (BHU), Varanasi. With an increasing thrust being placed on Institute-Industry Interaction, it is my sincere belief that your esteemed organization and IIT (BHU) Varanasi will stand to gain immensely from this symbiotic relationship.

Our Institute holds the pride of place being pioneer in the field of engineering and technical education in this country and has a glorious heritage. We have been continuously ranked amongst the elite by all peers and stakeholders. Our constant pursuit of excellence has made our institute a focal point in technical education for students and faculty members alike. Admissions to the institute take place through the reputed Joint Entrance Examination (JEE) and Graduate Aptitude Test in Engineering (GATE).

At this institute, we take utmost care to groom our students according to the needs of the industry. We seek to open frontiers of knowledge and reveal new horizons of change to broaden mindset and to create positive attitude in our students. Our students receive industrial exposure by their frequent industrial visits. Besides, our undergraduate students undergo an eight-week training during summer vacation in reputed industries/institutions/organizations (in India as well as abroad) as part of their academic requirements.



We would be most delighted to host you for campus recruitment and beyond.

Professor Anil Kumar Agrawal

Training & Placement Officer, IIT (BHU) Varanasi

Past Recruiters:



Placement Team:

Dr. Anil Kumar Agrawal

Professor In-charge

Training & Placement cell

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