

PLACEMENT BROCHURE

SESSION: 2021-2022



**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR**

Himachal Pradesh 177005

<https://nith.ac.in/>



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ABOUT NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR



National Institute of Technology Hamirpur is one of the premiere teaching research and consulting in the country and is of National importance in the field of education and research. This institute has established as world class teaching and research institution and is extensively involved in consulting , training programmes and sponsored research for the industries. The institute and its managements are working continuously in providing excellent education since last 35 years of inception with the motto of **“No substitute for hard work”**

The institute came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26th June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to National Institute of Technology. It is one of the best NITs in terms of infrastructure and education.

The institute is located on the foothills of Shivalik range and provide a panoramic view of snowy Dhauladhar range at an altitude of 900 meters above sea level. The campus spawns across 320 acres surrounded by hilly terrain and covered with snowy pine trees and is second most beautiful campus in the country including all engineering institutes .

The Institute offers Bachelor’s degree in 12 discipline in Engineering and Architecture including 2 in Dual Degree, Master’s in 23 disciplines including 3 MSc. programmes and one M.Arch and one MBA programme. The Institute spares no effort to foster the spirit of national integration among students, a close interaction with industry and laying strong emphasis on research. The institute has the flexibility to evolve and change in response to requirements of the Industry and happenings in technical world. Various programmes serve the purpose of building a comprehensive foundation of knowledge and of enhancing confidence, creativity and innovation of its students. Thus justifying the reputation of the Institute.



OUR VISION AND MISSION



VISION OF NIT HAMIRPUR

A National Institute of Technology Hamirpur was established with a vision of building a vibrant multicultural learning environment founded on value based academic principles, where in all involved shall contribute effectively, efficiently and responsibly towards transforming the education to create leaders and innovators, and generates new knowledge the national and global community.

MISSION OF NIT HAMIRPUR

- ❖ To achieve academic excellence in engineering, technology, architecture and science by imparting quality and value based education.
- ❖ To inspire our students to become responsible citizens and competent professionals with high ethical values.
- ❖ To meet the expectations of technical human resource at national and international level.



FROM DIRECTOR'S DESK

“ I wish all the students an outstanding, momentous and valuable stay at NIT, Hamirpur and hope that you achieve your destinations/goals and emerge as top-notch engineers, technocrats, educationists or scientists ”



Professor Lalit Kumar Awasthi

“ My prime priority will be to build National Institute of Technology Hamirpur a world class Institute imparting quality education and promoting excellent research activities, having impact on society and industry globally ”



Greetings and a Warm Welcome to one and all for visiting us at National Institute of Technology, Hamirpur, India. National Institute of Technology, Hamirpur, is one of the premier autonomous Institution of National Importance in Northern India under the act of Parliament-2007. It is a state of art Institution and a dream destination for those who wish to be leaders in Science and Technology. Besides being recognised nationally and internationally for excellent education at UG level, Dual Degree level, PG level (MTech, M.Arch and MSc) as well as at PhD and MBA level. We are also making wide strides in innovative research and other development activities.

The Institution has a team of highly qualified, learned and dedicated faculty with expertise in all major disciplines of engineering and technology, science and management, and is a constant source of inspiration for the students. All our programs are modern and flexible. We offer superb research training along with strong up-to-date curriculum of course works. Our Laboratories are well equipped with state of art equipments and softwares. These facilities provide students the opportunity to learn new technologies and to have excellent exposure of their respective fields.

The Institute has ongoing academic and research collaborations with many national and international organisations in order to keep pace with increasing frontiers of knowledge. The Institute has Incubation, Innovation & Entrepreneurship Cell (IIEC) to groom technology and knowledge based entrepreneurship and to provide a platform for speedy commercialisation of technologies. I look forward to working with your organization and welcome you to on-campus placement of batch 2022 as on-campus recruiters.

Jai Hind Jai Bharat!!

Professor Lalit Kumar Awasthi
Director NIT Hamirpur

MESSAGE FROM TRAINING AND PLACEMENT CELL



Dr. Bharat Bhushan Sharma

“If you don't like something, change it. If you can't change it, change your attitude...”



We would like to take this opportunity to cordially invite your esteemed organization for being empanelled for our on campus placement activities. Invitation for Campus Recruitment Drive for Batch of 2022. National Institute of Technology Hamirpur is the Technological Hub of our Green and Clean Himachal Pradesh and it offers a peaceful and serene environment for academic growth. NIT Hamirpur has been consistently ranked among the top Engineering and Architecture Institution in the country.

NIT Hamirpur accords pivotal status to research and development in pursuit of excellence. The institute plays a vital role in diverse facets of research and development addressing the needs of the nation and contributing to global development. It's distinguished cutting edge research is reflected in its impressive catalogue of research projects funded by national and international organisations and industries. New R&D projects, both short term consulting and long term sponsored research, are initiated every year in all the areas of science, engineering, management, design and social sciences. We follow a coherent and transparent placement policy framed to safeguard the interest of our students and organisations, and its details are readily available on our website. We have excellent facilities for campus recruiters and we are pleased to make them available to all participating organisations. We also take special initiatives to meet expectations of a diverse spectrum of organization and uniquely talented students. We welcome suggestions from your organization that will help realise our goal of achieving the best possible match between the aspirations of recruiting organisations and the abilities of our students

We feel immense joy in extending an invitation to visit our institute for participating in Campus Recruitment Drive for the Batch of 2022 . We will feel privileged if you would provide an opportunity to our students for campus placements. In addition, our pre-final year is a store-house of enormous potential. We would be obliged to have you as a part of our Summer Internship Drive and offer internship opportunities to our 2022 batch students. This shall help you in previewing the pre-final year students as prospective employees. We look forward towards enthusiastic participation from your organization during the current academic year

With Warm regards,

Dr. Bharat Bhushan Sharma
Training and Placement Cell NIT Hamirpur
Email: tpo@nith.ac.in

ACADEMIC PROGRAMMES

PROGRAMMES FOR UG

Admission to the B.Tech., Dual Degree and B.Arch. programmes of NIT Hamirpur is based on the performance in the Joint Entrance Examination, JEE (Main). There is no need to apply separately to each NIT. Joint Seat Allocation Authority (JoSAA), constituted by the Ministry of Human Resource Development (MHRD), Government of India, comprising of the Central Seat Allocation Board (CSAB) and the Joint Admission Board (JAB) conduct and supervise the admission process of candidates to various NITs through centralized online counselling process. For more details regarding the departments you can **CLICK HERE**



The following programs are offered by us:

❖ **Bachelor of Technology (8 Semesters) :**

- ❖ Chemical Engineering
- ❖ Civil Engineering
- ❖ Computer Science and Engineering
- ❖ Electrical Engineering
- ❖ Electronics and Communication Engineering
- ❖ Materials Science and Engineering
- ❖ Mechanical Engineering

❖ **Dual Degree Programmes (10 Semesters):**

- ❖ Computer Science and Engineering
- ❖ Electronics and Communication Engineering

❖ **Bachelor of Architecture (10 Semesters):**

- ❖ Architecture

ACADEMIC PROGRAMMES

PROGRAMMES FOR PG

Admission to the M.Tech./M.Arch. programmes of NIT Hamirpur is held through CCMT (Centralized Counselling for M.Tech./M.Arch./M.Plan.). CCMT is an online admission process for all National Institutes of Technologies (NITs) and several other Centrally funded institutes based on Graduate Aptitude Test in Engineering (GATE) examination. There is no need to apply separately to NIT Hamirpur. For more details regarding the departments you can **CLICK HERE**

The following programs with specialisations are offered by us:

❖ **Architecture:**

- ❖ M.Arch. Sustainable Architecture

❖ **Chemical Engineering**

- ❖ Chemical Engineering

❖ **Civil Engineering:**

- ❖ Civil Engineering (Geotechnical)
- ❖ Civil Engineering (Structures)
- ❖ Civil Engineering (Transportation)
- ❖ Civil Engineering (Water Resources)
- ❖ Civil Engineering (Environment)

❖ **Computer Science & Engineering**

- ❖ Computer Science & Engineering
- ❖ Computer Science & Engineering (Artificial Intelligence)

❖ **Electrical Engineering :**

- ❖ Electrical Engineering (Power System)
- ❖ Electrical Engineering (Signal Processing & Control)
- ❖ Electrical Engineering (Condition Monitoring of Power Apparatus)

❖ **Electronics & Communication Engineering:**

- ❖ Electronics & Communication Engineering (VLSI Design)
- ❖ Electronics & Communication Engineering (Communication Systems & Networks)

❖ **Materials Science & Engineering:**

- ❖ Materials Science & Engineering

❖ **Mechanical Engineering :**

- ❖ Mechanical Engineering (Thermal)
- ❖ Mechanical Engineering (Design)
- ❖ Mechanical Engineering (Manufacturing)
- ❖ Mechanical Engineering (Energy Technology)

ACADEMIC PROGRAMMES

PROGRAMMES FOR MSc

Admission to the MSc programmes of NIT Hamirpur is held through CCMN (Centralized Counselling for MSc). CCMN is an online admission process for various National Institutes of Technologies (NITs) and other Centrally funded institutes based on Joint Admission Test for MSc (JAM) examination. There is no need to apply separately to NIT Hamirpur. For more details regarding the departments you can **CLICK HERE**

The following programs are offered by us:

❖ **Master of Science :**

- ❖ Chemistry
- ❖ Mathematics and Computing
- ❖ Physics

PROGRAMMES FOR MBA

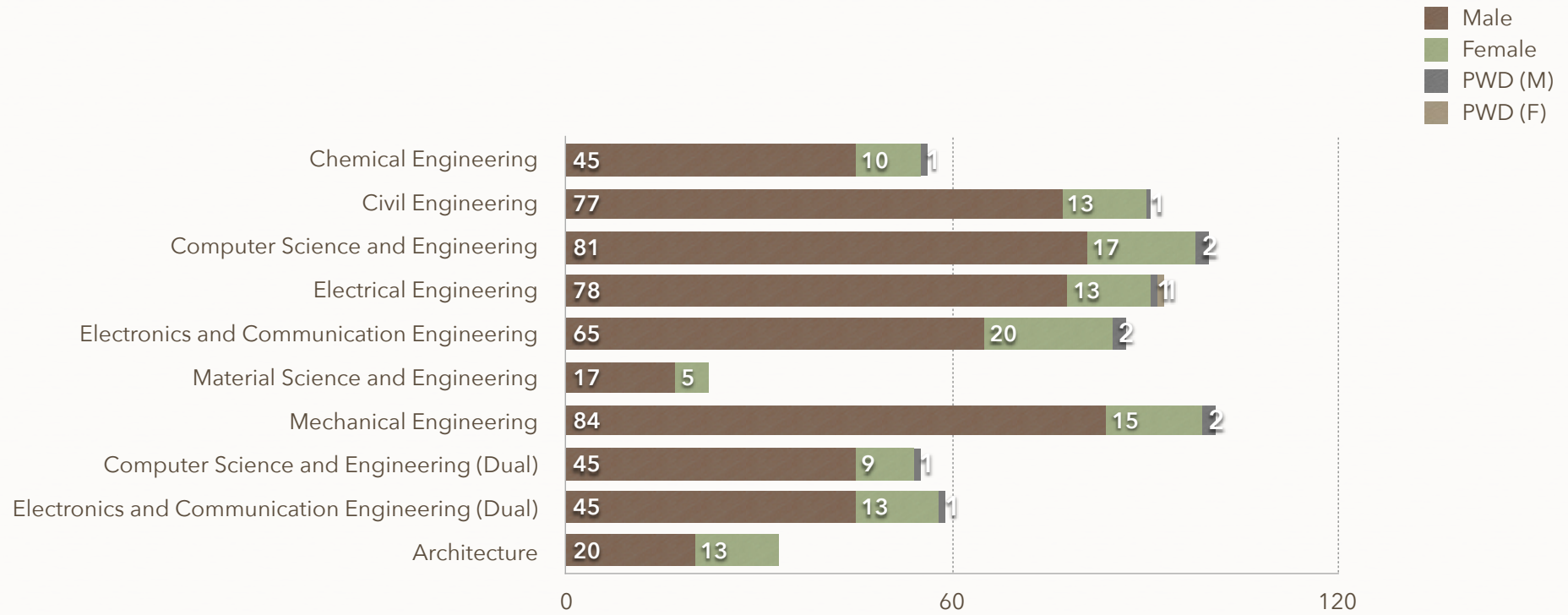
Admission to the MBA programme in NIT Hamirpur is based on weightage assigned to national level tests (CAT/CMAT/MAT) and candidate's test percentile/NTA score in these tests. The MSSC (Master Student Selection Committee) after screening, ensuring eligibility and applying selection criteria, place the list of provisionally selected candidates along with waiting list for approval of the Chairman, Senate. On approval, the Department display the list of provisionally selected candidates on the Institute website and issue the admission letters to them. The admissions are purely based on merit and the candidates performance in National Level Tests. The candidates who want to join NIT Hamirpur need to apply separately for MBA Course through NIT Hamirpur website. For more details regarding the departments you can **CLICK HERE**

The following programs are offered by us:

❖ **Master of Business Administration:**

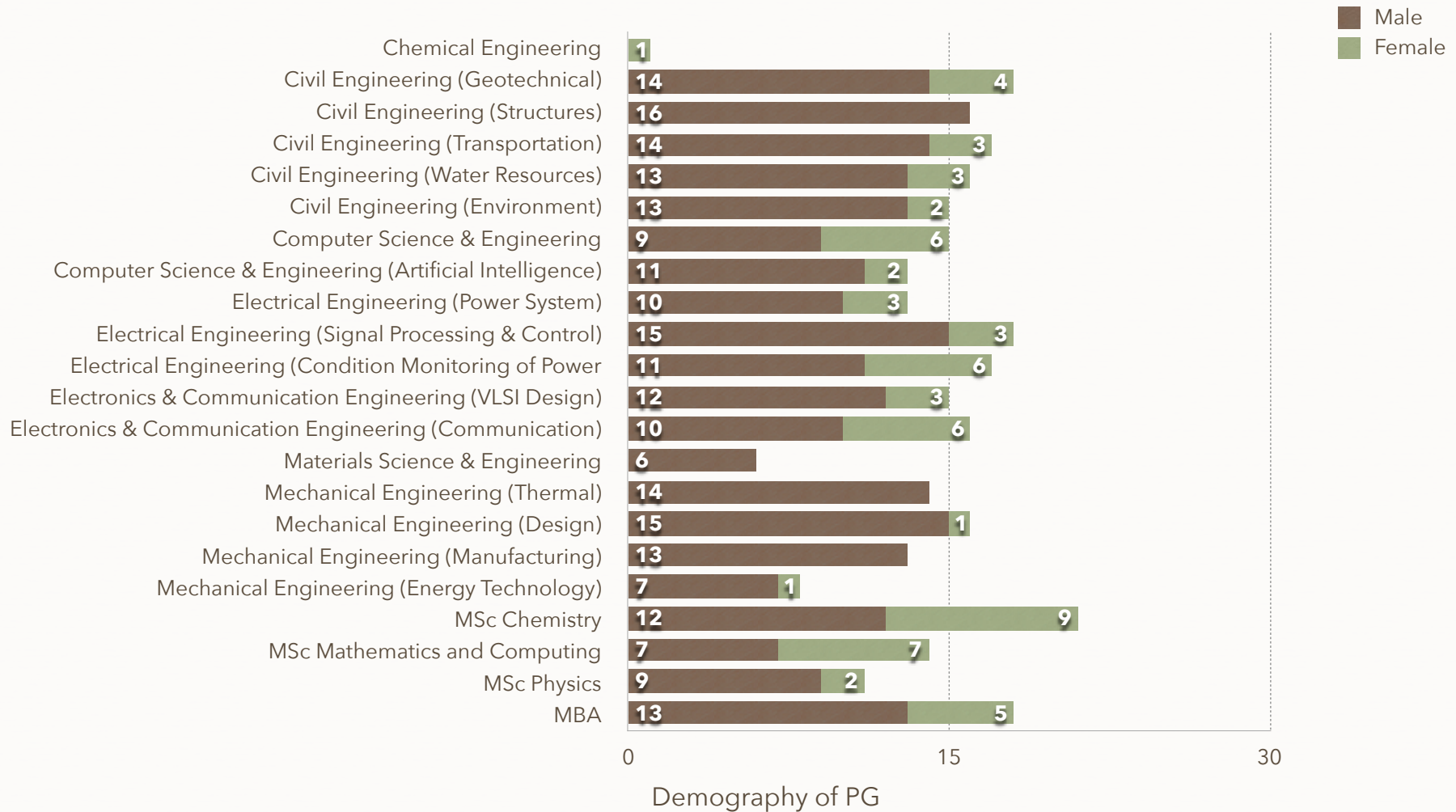
- ❖ Financial Management
- ❖ Human Resources Management
- ❖ Operations Management
- ❖ Marketing Management

DEMOGRAPHICS



Demography of UG

DEMOGRAPHICS



WHY RECRUIT AT NIT HAMIRPUR ?



INSTITUTE OF NATIONAL IMPORTANCE

Institute of National Importance (INI) is a status that is conferred to a public higher education institution in India by an act of parliament. It has been over 30 years since National Institute of Technology Hamirpur was established, and it is the endearing spirit of the Institute which motivates its students to aspire to be the best.

TOP ENGINEERING COLLEGE

NIT Hamirpur has been consistently ranked among the top 18 Engineering Colleges in the country. It was ranked as the 2nd Best Placement record amongst top 10 architectural colleges in India, recently as mentioned in **India Today-MDRA Best Colleges Ranking 2021**

HIGHLY SKILLED STUDENT

NIT Hamirpur offers a variety of engineering disciplines. The departments offer a multidisciplinary range of courses to the students, with the express aim of ensuring the holistic development of students.



WHERE WE FIT IN



- **Analytics and Consulting**
- **Software Development**
- **Marketing**
- **Teaching**
- **Data Science**
- **Artificial Intelligence**
- **Machine Learning**
- **Decision Science**
- **Deep Learning**
- **Reserch and Development**
- **Analyst**
- **Open source Developer**



- **Renewable Energy**
- **Waste Heat Recovery**
- **Supply Chain Management**
- **Design**
- **Manufacturing**
- **Aerospace Industry**
- **Automative Industry**
- **Business Analyst**
- **Teaching**
- **Reserch and Development**



- **Digital Signal Processing**
- **Communications**
- **VLSI**
- **Antenna**
- **Power Electronics**
- **Analyst**
- **Reserch and Development**
- **Software Developer**

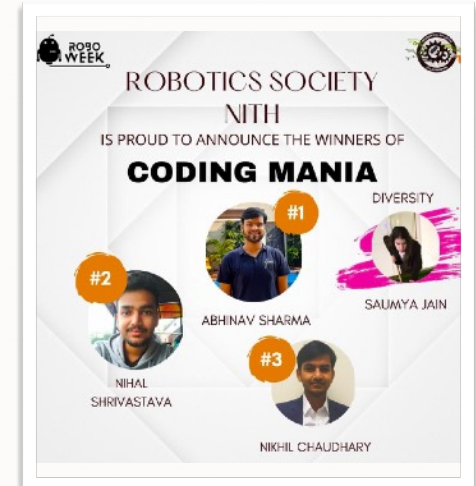
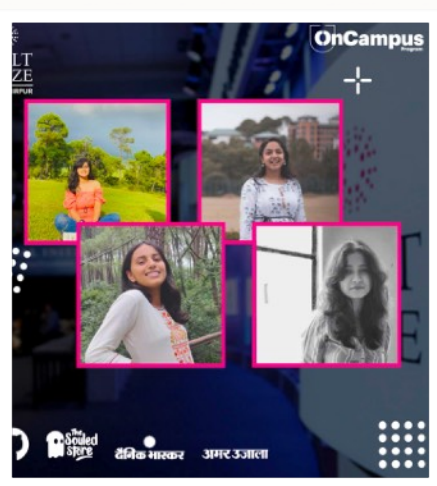


- **Bio Organic**
- **Bio Inorganic**
- **Nano Technology**
- **Teaching**
- **Scientific Officers**
- **Analyst**
- **Reserch and Development**
- **Semiconductors**



- **Human Resource**
- **Finance**
- **Marketing**
- **Operations**
- **Analyst**
- **Brand Manager**
- **Research and Development**

ACHIEVEMENTS



RESEARCH

SOME RESEARCH PROJECTS

- ❖ Wheeling Transactions and Multi-area Interconnection of Power System
- ❖ Congestion Management of Restructured Power Sector with Renewable Energy Sources
- ❖ SMDP-C2SD (Special Manpower Development Project - in Chip to System Design) Project
- ❖ The Synergetic Effect of financial factors and Public Promotion Programme on Export Performance: An Empirical Examination of Small and Medium-Sized Enterprises.
- ❖ Automatic recognition of Dialects of Himachal Pradesh
- ❖ Linking Human Resource Management and Environmental Performance: The Role of Organisational Citizenship Behaviour for the Environment
- ❖ Performance and Emission Analysis of Biofuels in Diesel Engine Using Antioxidant Additives
- ❖ Energy Efficient Wireless Sensor Network Routing Protocol for Snow Bound Himalayan Region.
- ❖ Compressed Wavelet Tree Based Semantic Spatial Search
- ❖ Energy Efficient Wireless Sensor Network Routing Protocol for Snow Bound Himalayan Region
- ❖ Rapid and Precise Detection of Grid Voltage Magnitude and Phase for Low Voltage Ride-Through Capability in PV Systems
- ❖ Investigations using neural network optimizers for scheduling multi-reservoir systems
- ❖ Cisco Networking Academy Sponsored by UNDP/APDP/CISC
- ❖ Deep Learning based imaging data analysis for the diagnosis of Covid-19 patients
- ❖ For more details on research projects you can **CLICK HERE**
- ❖ For more details on research publications you can **CLICK HERE**
- ❖ For more details on book chapter publications you can **CLICK HERE**

PLACEMENT PROCEDURE



❖ STEP 1:

- ❖ NIT Hamirpur invites the companies for placement drives.
- ❖ The prospective can contact TPO directly by sending a brief email [tpo@nith.ac.in] explaining their interest or contact TPR via LinkedIn, Phone Number or via email.

❖ STEP 2:

- ❖ Companies share the Filled JNF Form. The form containing details of the job and the offer using their email id. They should provide compensation breakup details of the posted job opportunity

❖ STEP 3:

- ❖ We share the database of students as per the eligibility criteria.

❖ STEP 4:

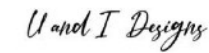
- ❖ Companies can visit NIT Hamirpur or do online sessions for recruitment drive which includes the following steps: (Introductory Presentation by Company Executives, Online Exam or Paper-Pen test, Group Discussion and Final Interviews).

❖ STEP 5:

- ❖ Companies shortlist the students based on their requirements. Recruiters can shortlist students. Recruiters are also urged to maintain a waitlist of students who can be interviewed in the event of requirements in other areas in their company.



PAST RECRUITERS



HOW TO REACH US

- ❖ The NIT Hamirpur campus is situated at Anu in Hamirpur district of Himachal Pradesh and is nearly 4 Kms away from main bus stand of Hamirpur on Hamirpur-Tauni Devi road. The city of Hamirpur is well connected with the rest of the country by road. Hamirpur is at a distance of about 450 Kms from Delhi and 200 Kms from Chandigarh.
- ❖ Nearest broad gauge railway junction is at Una (Himachal Pradesh), at a distance of around 80 Kms from Hamirpur. Una is well linked to all parts of country and journey is off nine hours from Old Delhi Railway Station. Taxi/ Bus services are available from Hamirpur to Una. To find details about train service from different cities towards Una, one can visit <http://www.indianrail.gov.in/>.
- ❖ The nearest airport is at Dharamshala (Gaggal, District Kangra) which is about 75 Kms (02 Hours) from Hamirpur, Chandigarh International Airport is at about 200 Kms (About 04 Hours) from here.



HOW TO CONTACT US



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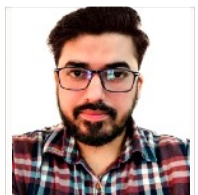
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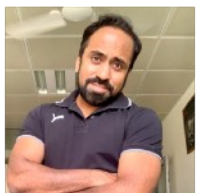
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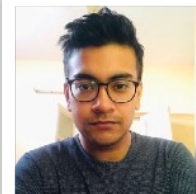
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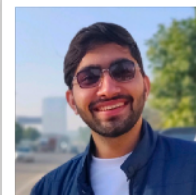
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