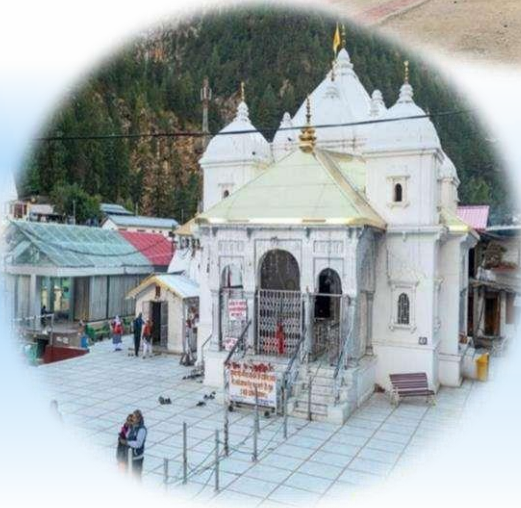
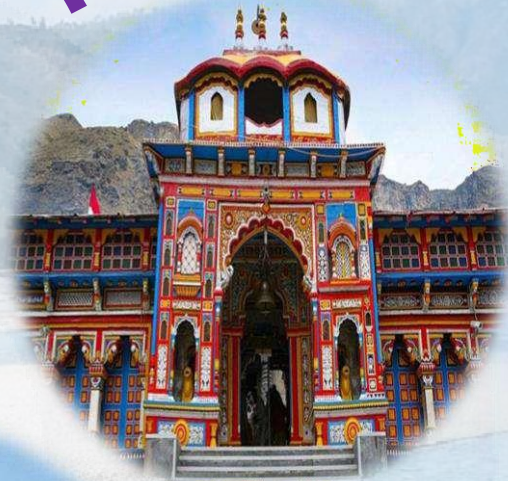
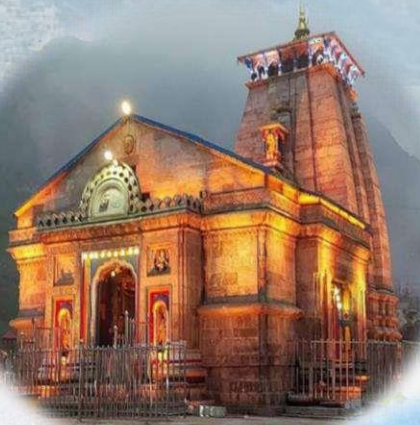




Prajñanam प्रज्ञानम्

Vol. 2 No. 1

National Institute of Technology, Uttarakhand
A Quarterly Newsletter: March 2023 Issue



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NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND



FROM THE DIRECTOR'S DESK

Greetings from NIT, Uttarakhand!

I hope this message finds you all in good health and spirits. I have completed one year in office in February 2023 and am thrilled to share some exciting news about our institute with you all.

The institute has made impact and developments have taken place in all spheres of teaching-learning, research, consultancy, innovation and patenting. The faculty and staff of the institute have visited the adopted villages and gathered information related to the problems of the community through google form. All such problems need to be solved for the community by our faculty and students. Institute has formed various teams to solve these problems.

Institute has also organized its maiden Innovation technical function, "NAVIKARNAM 1.0" which was a great success and a boost to the innovation culture of the institute. More than 100 teams registered for the various teams provided by the team NAVIKARANAM and the projects were evaluated in two rounds. First round was online and second round was offline on campus. We are thankful to Prof. Akshay Diwedi, Department of Mechanical and Industrial Engineering from IIT Roorkee to spare his valuable time and to evaluate all the projects and ideas.

I put on record my appreciation to the faculty members for receiving R&D Projects of worth more than 60 lakh Rupees from Ministry of Textiles and Indian Space research Organization, grant of two patents (i) Power Driven Stair Climbing Tri Wheeled Spider Wheel System and (ii) Solar Power Integrated Bidirectional Non-isolated DC-DC Converter for E Rickshaw, and getting Best Paper Awards in IEEE International Conferences held at MANIT Bhopal and Springer International Conference at NITTTR Chandigarh.

The Institute has also signed MoUs with NITTTR Chandigarh, THDC Institute of Hydropower Engineering and Technology, NIT Hamirpur, Government Hydro Engineering College, Himachal Pradesh, Graphic Era University and Covalience India Pvt Ltd. for academic and industrial collaboration which shall be helpful in professional growth of students as well as faculty members of the Institute.

We have procured equipment of approximately 4 Cr rupees for strengthening of laboratories with latest technologies. Faculty development programme in collaboration with industry was conducted to hone the skills of faculty members. Also, institute is working on an innovative project to minimise human-wildlife conflict with Forest department of State of Uttarakhand. I am confident that together with faculties and students, we will continue to achieve greater heights and make NIT Uttarakhand a premier institute for engineering and technology education.

Jai Hind, Jai Bharat!!

Prof. Lalit Kumar Awasthi, Director
NIT Uttarakhand



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

नवीकरणम-2023



नेशनल इंस्टीट्यूट ऑफ टेक्नोलॉजी उत्तराखंड, इनोवेशन एंड एंटरप्रेन्योरशिप डेवलपमेंट सेल ने 25 - 26 फरवरी 2023 को नेशनल लेवल इनोवेशन फेस्ट नवीकरणम 2023 का आयोजन किया। नवीकरणम 2023 डिप्लोमा, बी.टेक के लिए एक खुली प्रतियोगिता थी। और एम.टेक के छात्र प्रतियोगिता को छात्रों को भौतिक चीजों, अनुप्रयोगों और अनुप्रयोगों को बनाने के बारे में सोचने के लिए प्रोत्साहित करने और प्रेरित करने के लिए डिज़ाइन किया गया था जो वास्तविक दुनिया की समस्या को हल करने के लिए भौतिक चीजों को नियंत्रित करते हैं, और समस्याओं को हल करने में उनकी रचनात्मकता और आविष्कारशीलता प्रदर्शित करते हैं। इस दो दिवसीय आयोजन के मुख्य अतिथि डॉ. रवींद्र कुमार त्यागी, माननीय अध्यक्ष बीओजी, एनआईटी उत्तराखंड, सम्मानित अतिथि एनआईटी उत्तराखंड के माननीय निदेशक, प्रोफेसर ललित कुमार अवस्थी, और प्रोफेसर अक्षय द्विवेदी, मैकेनिकल और औद्योगिक इंजीनियरिंग विभाग, आईआईटी थे। रुड़की। डीन आर एंड सी डॉ. सनत अग्रवाल, डीन एफडब्ल्यू डॉ. हरिहरनाथ मुथुसामी, डीन एकेडमिक्स डॉ. लालता प्रसाद, विभागों के प्रमुख, विभागों के प्रमुख, संकाय सदस्य, संरक्षक, मीडियाकर्म कार्यक्रम के उद्घाटन सत्र के दौरान उपस्थित थे। ग्राफिक एरा हिल यूनिवर्सिटी के दीपंकर शर्मा और उनकी टीम ने एएल इनेबल्ड बेबी हेल्थकेयर सिस्टम पर अपने इनोवेशन के लिए पहला पुरस्कार जीता। एनआईटी उत्तराखंड से हर्ष कुमार और उनकी टीम ने दूसरा पुरस्कार जीता। उनका इनोवेशन वायरलेस कंट्रोलिंग सिस्टम था। तीसरा पुरस्कार दो टीमों, सुश्री पिपाली दास, असम यूनिवर्सिटी को उनके डॉ. डोनोने के इनोवेशन के लिए और श्री यश अरोड़ा, टीम एनआईटी कुरुक्षेत्र को सीसीटीटी क्लच लेस बाइक पर उनके इनोवेशन के लिए दिया गया। पॉलिटेक्निक कॉलेजों की दो टीमों को दो सांत्वना पुरस्कार दिए गए। कार्यक्रम का समन्वयन डॉ. हरिहरन मुथुसामी, डॉ. पवन कुमार राकेश, डॉ. स्मिता कलौनी और डॉ. डुंगली श्रीहरि ने किया।



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

NAVIKARANAM-2023



National Institute of Technology Uttarakhand, Innovation and Entrepreneurship Development Cell organized National Level Innovation Fest Navikaranam 2023 on 25 - 26 February 2023. Navikaranam 2023 was an open competition for Diploma, B.Tech. and M.Tech students. The competition was designed to encourage and inspire students to think about creating physical things, application and applications that control physical things to solve a real-world problem, and demonstrate their creativity and inventiveness at solving problems. The Chief Guest of this two day event was Dr Ravindra kumar Tyagi, Honorable Chairman BOG, NIT Uttarakhand, Guest of Honor was Honorable Director NIT Uttarakhand, Prof. Lalit Kumar Awasthi, and Prof. Akshay Diwedi, Department of Mechanical and industrial Engineering, IIT Roorkee. Dean R&C Dr. Sanat Agrawal, Dean FW Dr. Hariharanah Muthusamy, Dean Academics Dr. Lalita Prasad, Head of the departments, head of the departments, Faculty members, mentors, Media persons were present during the inauguration session of the event. Deepankar Sharma and his team from Graphic Era Hill University won the first prize on their innovation on AI enabled baby healthcare system. Harsh Kumar and his team from NIT Uttarakhand won the second prize. Their innovation was wireless controlling system. The third prize was given to two teams, Ms. Piyali Das, Assam University for her innovation of Dr. Dnone and Mr. Yash Arora, team NIT Kurukshetra for their innovation on CCTT Clutch Less Bike. Two consolation prizes were given to two teams from polytechnic colleges. The event was coordinated by Dr. Hariharan Muthusamy, Dr. Pawan Kumar Rakesh, Dr. Smita Kaloni and Dr. Dungali Sreehari.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

CONTINUING EDUCATION

"बीटेक और एमटेक के बाद सेमीकंडक्टर उद्योग में अवसर" पर अल्पावधि पाठ्यक्रम



राष्ट्रीय प्रौद्योगिकी संस्थान,
उत्तराखण्ड
National Institute of Technology,
Uttarakhand

Online Short Term Course
(13-17th Feb 2023)

"Opportunities in Semiconductor Industries after B.Tech and M.Tech"

Speakers



Prof. Adam Teman
Co-director EnICS Labs Impact Center,
Faculty of Engineering Bar-Ilan University,
Israel



Prof. Rajeevan Chandel
NIT Hamirpur



Prof. Pramod Kumar Tiwari
IIT Patna



Prof. Mukesh Kumar
IIT Indore



Dr. Arvind Sharma
IMEC Belgium



Mr. Ajay Baranwal
Center Director, Center for Deep
Learning in Electronics
Manufacturing, USA



Mr. Shanmuga K S
Founder, CEO & CTO, Tachyon
Systems, Australia



Mr. Esaimani Balabhisegam
Associate Vice President- Delivery,
Photon, USA



Dr. Deepak Ranjan Nayak
MNIT Jaipur



Mr. Akshay Adlakha
Manager, Synopsys USA



इलेक्ट्रॉनिक्स इंजीनियरिंग विभाग, एनआईटी उत्तराखंड ने "बी.टेक और एम.टेक के बाद सेमीकंडक्टर उद्योगों में अवसर" पर 5-दिवसीय ऑनलाइन शॉर्ट टर्म कोर्स (एसटीसी) का आयोजन किया। फरवरी से 13 से 17, 2023। कार्यक्रम के मुख्य अतिथि प्रो. एल.के. अवस्थी, निदेशक, एनआईटी उत्तराखंड थे और विशिष्ट अतिथि प्रो. एडम टेमन प्रोफेसर, बार-इलान विश्वविद्यालय, इज़राइल थे। इस आयोजन के लिए विभिन्न एनआईटी, आईआईटी और अन्य संस्थानों के 100 से अधिक प्रतिभागियों ने पंजीकरण कराया। कार्यक्रम के मुख्य अतिथि प्रो. ललित कुमार अवस्थी ने सभा को संबोधित किया और इस तरह के एक अद्भुत कार्यक्रम के आयोजन के लिए कार्यक्रम के आयोजक को बधाई दी। उन्होंने कहा कि अर्धचालक उद्योग आधुनिक अर्थव्यवस्थाओं के लिए एक महत्वपूर्ण क्षेत्र है, क्योंकि यह इलेक्ट्रॉनिक उपकरणों और उपकरणों के उत्पादन में महत्वपूर्ण भूमिका निभाता है। हाल के वर्षों में, दुनिया भर की सरकारों ने इस उद्योग के महत्व को पहचाना है और इसके विकास को समर्थन और बढ़ावा देने के लिए कई कदम उठाए हैं। सेमीकंडक्टर उद्योग के विकास का समर्थन करने के लिए सरकारों ने कई कदम उठाए हैं। उदाहरण के लिए, भारतीय सेमीकंडक्टर मिशन जिसने भारत में सेमीकंडक्टर इकोसिस्टम स्थापित करने के लिए 76000 करोड़ रुपये प्रदान किए, उन्होंने कंपनियों को इस क्षेत्र में निवेश करने के लिए प्रोत्साहित करने के लिए कर प्रोत्साहन, सब्सिडी और अनुसंधान और विकास के लिए धन उपलब्ध कराया है। उन्होंने उद्योग में श्रमिकों को प्रशिक्षित और शिक्षित करने के लिए कार्यक्रम भी स्थापित किए हैं, यह सुनिश्चित करते हुए कि इसके विकास का समर्थन करने के लिए एक योग्य कार्यबल है। उन्होंने कहा कि भारत में दुनिया की सबसे युवा आबादी रहती है और हमें सेमीकंडक्टर के क्षेत्र में अपने देश को तकनीकी नेता के रूप में स्थापित करने के लिए उन्हें प्रशिक्षित करना होगा। निदेशक एनआईटी उत्तराखंड ने आयोजन के समन्वयक और संयोजक डॉ. हरिहरन मुथुस्वामी, डॉ. सारिका पाल, डॉ. तजिंदर सिंह अरोड़ा, डॉ. सरिता यादव, डॉ. नितानु चौहान और श्री विवेक कुमार को कार्यक्रम के आयोजन के लिए बधाई दी।



STC on “Opportunities in Semiconductor Industries after B.Tech and M.Tech”



Department of Electronics Engineering, NIT Uttarakhand organized a 5-day Online Short Term Course (STC) on “Opportunities in Semiconductor Industries after B.Tech and M.Tech.” from February. 13th to 17th, 2023. Chief Guest of the event was Prof. L. K. Awasthi, Director, NIT Uttarakhand and Guest of Honor was Prof. Adam Teman Professor, Bar-Ilan University, Israel. More than 100 participants from various NITs, IITs and other institutions registered for the event. Chief Guest of the event Prof. Lalit Kumar Awasthi addressed the gathering and congratulated the Organizer of the event for organizing such a wonderful event. He said that The semiconductor industry is a vital sector for modern economies, as it plays a crucial role in the production of electronic devices and equipment. In recent years, governments around the world have recognized the importance of this industry and have taken various steps to support and promote its growth. Governments have taken a number of steps to support the growth of the semiconductor industry. For example, Indian Semiconductor Mission which provided 76000 crore to set up Semiconductor Ecosystem in India, they have provided tax incentives, subsidies, and funding for research and development to encourage companies to invest in this sector. They have also established programs to train and educate workers in the industry, ensuring that there is a qualified workforce to support its growth. He said that India has the youngest population in the world and we have to train them to establish our country as a technological leader in the field of Semiconductor. Director NIT Uttarakhand congratulated Coordinators and Conveners of the event Dr. Hariharan Muthusamy, Dr. Sarika Pal, Dr. Tajiender Singh Arora, Dr. Sarita Yadav, Dr. Nitanshu Chuahan and Mr. Vivek Kumar for organizing the event.



Climate Change and Wetlands Research

Rupesh K Bhomia is presenting

CLIMATE CHANGE

- Climate is the general or average weather conditions of a certain region.
- Climate change refers to long-term shifts in temperatures and weather patterns.
- These shifts can be natural (e. g. variations in solar cycle), but from 1800s, the main driver of climate change is *primarily due to burning fossil fuels like coal, oil and gas.*

DT21CEJ005 .Chetana

Rupesh K Bhomia

Dr. Kranti Jain

Shashank Bhatra

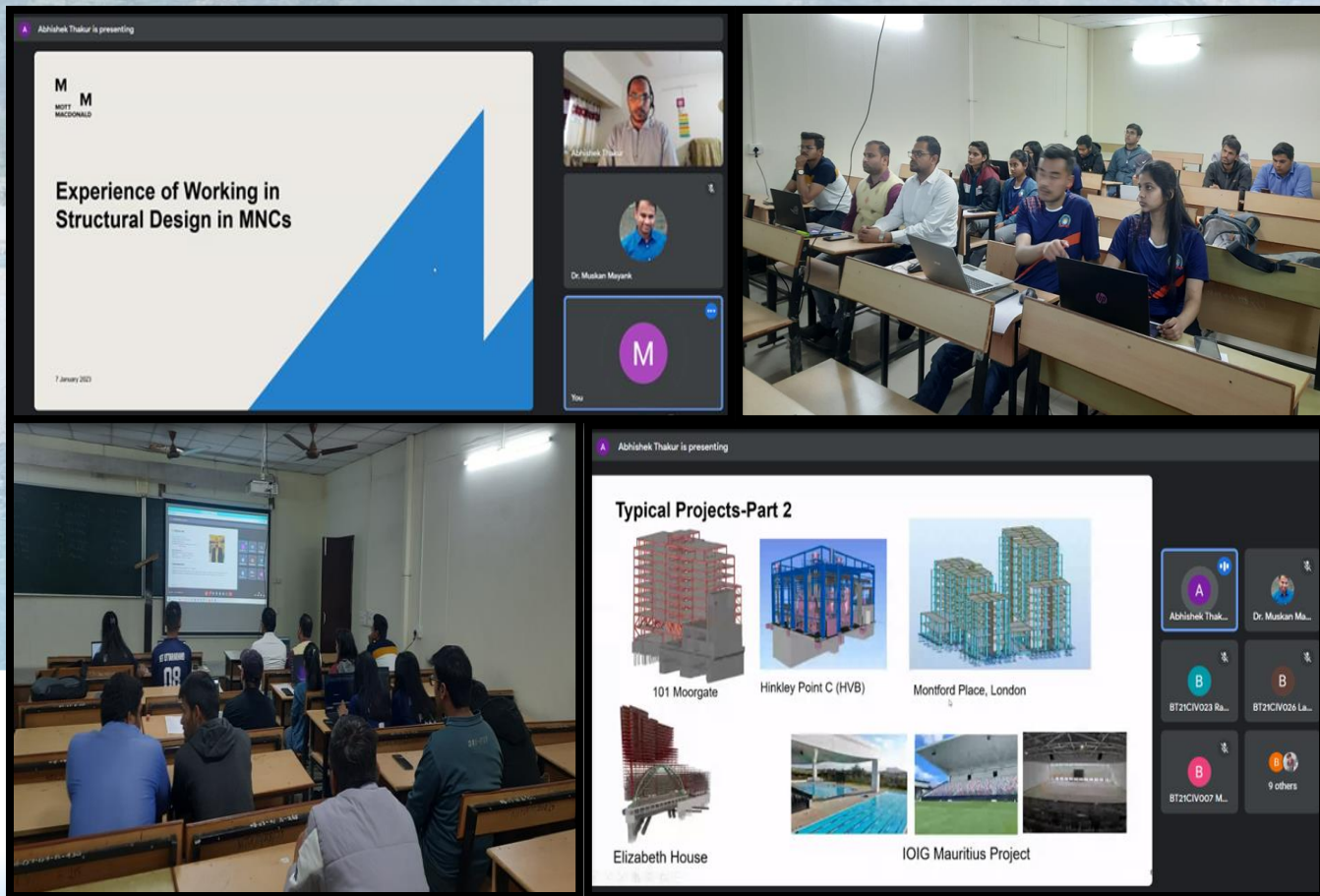
You



Department of Civil Engineering organised an expert lecture on “**Climate Change and Wetlands Research**” delivered by **Dr. Rupesh K Bhomia, Scientist, Centre for International Forestry Research (CIFOR), Bogor, Indonesia** in hybrid mode. The expert gave a brief introduction about Climate Change, Wetlands in fresh water and marine ecosystem. He also focussed on temperature anomalies, rainfall anomalies and water distribution of earth. Dr. Bhomia discussed about the scientific protocol to measure carbon stocks along with methods of biophysical assessment of the trees and soil followed by his research in mangroves ecosystem services. The expert Dr. Bhomia motivated the students on the subject and made them aware about the ongoing research in the field and how being an engineer, they can make their contribution in such researches



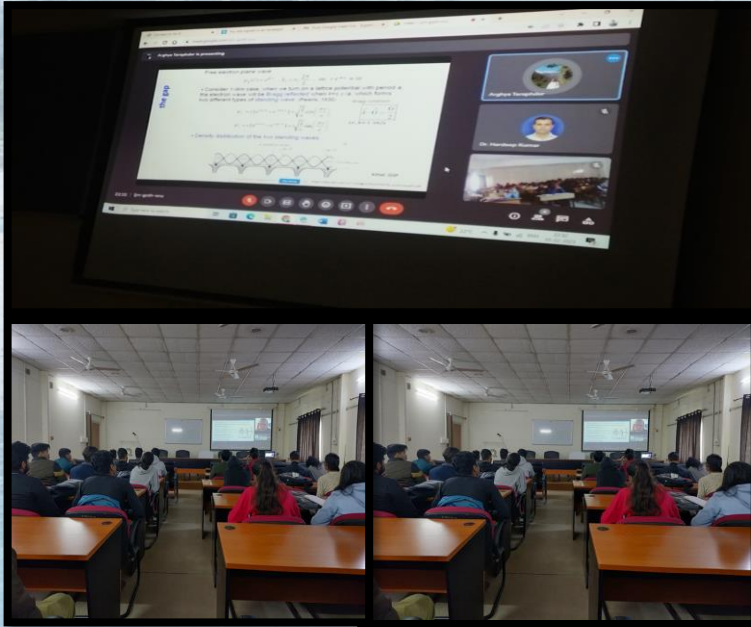
Experience in Structural Design at MNCs



Department of Civil Engineering, NIT Uttarakhand have organized a expert lecture on **“Experience in Structural Design at MNCs”** on dated 25/02/2023 by **Mr. Abhishek Thakur, Senior Structural Engineer, Mott MacDonald**. The coordinator of the event was Dr. Muskan Mayank, Assistant Professor, Department of Civil Engineering, NIT Uttarakhand. Mr. Abhishek Thakur has more than 8.5 years of experience in civil and structural design with specialization in concrete and steel buildings. He has also experienced in wide range of sectors which includes residential, commercial, healthcare and infrastructure sectors. Mr. Thakur is also familiar with 3D analysis softwares like ETABS, SAFE, ROBOT, RAM CONCEPT, TEDDS, TEKLA, Tekla Structural Designer, FBeam and Idea Statica. The objective of the talk is to make students of NIT, Uttarakhand aware about the experience and working environment in structural design at multinational companies. The discussion on various types of structural design projects at MNCs were also explored. The talk was also make students aware for the various job opportunities with good package specially for civil engineering students having masters degree with the knowledge of softwares like AutoCAD, python, Tekla Structural Designer etc. The talk was conducted successfully in presence of departmental faculty members, and coordinator, Dr. Muskan Mayank. The Glimpses of the expert lecture event on “Experience in Structural Design at MNCs” are attached herewith.



Expert Lecture on “Critical State Soil Mechanics and its applications”



Department of Physics has conducted expert lectures to B.Tech. Ist year students on 06 Feb and 10 Feb 2023, respectively via online mode. Details of the experts along with title of talk are as follows:

Prof. Arghya Taraphder, Department of Physics, IIT Kharagpur

Title of talk: From molecules to solids: the notion of an electronic band and its repercussions

2 Dr. Akhilesh Kumar Mishra, Department of Physics, IIT Roorkee
Title of talk: Optics: Interference and diffraction

Student initiated activities at Department of Civil Engineering

Workshop on AutoCAD software was organised by Samiksha- The Society of Civil Engineering from 22nd to 25th February, 2023. The students of M.Tech. Structural Engineering at the institute explained the B. Tech. participants about various commands to be used while drafting a floor plan in AutoCAD. The students were given hands on training with the student version of the software so as to provide them an idea on executing various design projects.



WINNERS

Winners of the Event ‘Check Your Aptitude’ conducted by Samiksha The Society of Civil Engineering on Jan 19 2023 are:

1. PRADYUMN PAL (1ST)
2. ABHAY KANDARI (1ST)
3. SURAJ PRAJAPAT (2ND)
4. SHREY PRADHAN (3RD)
5. SAURAV RATURI (3RD)
6. ASHWIN JHA (3RD)

Aptitude tests help to round out a child’s profile which is useful in seeking academic and career guidance. To empower the students with this essential indicator, an aptitude test was conducted by Samiksha- The Society of Civil Engineering on 19th January 2023 for all students of different branches and years within the institute. The names of top three positions were displayed in the Notice Board (Students Corner) of Department of Civil Engineering.

National Mathematics Day 2022



To commemorate the birth anniversary of the world renowned Indian Mathematician Sh. Srinivasan Ramanujan on 22nd December 2022, Department of Mathematics, NIT Uttarakhand celebrated the National Mathematics Day 2022 in the Institute. Prof. Lalit Kumar Awasthi, Director NIT Uttarakhand was the Chief Guest of the inaugural function. He congratulated the faculty and students of the Institute on the occasion of National Mathematics Day and highlighted the achievements of Sh. Ramanujan in the field of mathematics. He asked the students and faculty members to take inspiration from the life of Ramanujan; how his curiosity, hard work and devotion led him to become the world's top mathematician. Further, he emphasized the importance of applied mathematics in solving the societal, industrial and environmental issues and motivated the students and faculty to work in this direction.

On this occasion, a documentary on Ramanujan and his legacy was shown to all the present students and faculty members. Afterwards, Dr. Hariharan Muthusamy (Dean, Faculty Welfare) inaugurated the "Ek Pradarshini-Ramanujan: The Divine Mathematician" displayed in the corridor of the Department of Mathematics, Polytechnic Campus. In the evening, a Quiz and Essay Writing competitions were conducted. Total 20 no. of students/faculty participated in the quiz and 18 no. of students participated in the essay writing competitions.

On 30th December 2022, the prize distribution ceremony was conducted in LH-1 for the winners/participants of the competitions. Dr. Hariharan Muthusamy (Dean, Faculty Welfare) felicitated the winners and participants of the competitions with prizes and certificates respectively



Expert Talk on Design for Manufacturing

Dr. Sunny Zafar is Faculty Member in School of Mechanical and Materials Engineering at Indian Institute of Technology Mandi, where he has been since August 2016. He gave a talk on Design for Manufacturing on 03-11-2022 (03:00 PM to 04:30 PM). During the talk, he discussed about product development process. He said that there are two technical steps in the product development process: - (1) Design of product (2) Fabrication/construction/manufacturing of the product. The exact process of DFM will depend on what product is being designed and produced.



Expert talk on “Green Composites: Waste to Value Creation”

Natural Lifecycle and Product Lifecycle

Source : Product Design and Development, Fifth Edition by Karl T. Ulrich and Steven D. Eppinger

Inderdeep Sin...

T. Sudhakar

Dr. Gurinder S...

Ankit

25 others

You

Mobile Healthcare Unit

Italian research agency fights COVID-19 with smart shelters using biocomposites

The S05-Smart Operating Shelter project is an important resource, enabling rapid set up of mobile healthcare units

Project led by Italian research organization CETMA and by RI SpA

Fabricated eco-composite sandwich panels using bio-based polyurethane and/or recycled PET foam and natural fibers

Inderdeep Sin...

T. Sudhakar

Dr. Gurinder S...

Gaurav Kumar

17 others

You

The expert talk was delivered by Prof. Inderdeep Singh, Head Department of Design, IIT Roorkee. The talk started covering the various aspects of design for environment and how green composites can contribute towards it. Then, the expert compared natural lifecycle and product life cycle comparing different conditions of sustainability techniques utilized for developing composites and how to optimize them. The talk also covered different processing techniques of composites. The application of composites in recent covid-19 products was also discussed with the participants. There was also a query answering session at the end of the expert talk.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

MoU with Academia & Industry



MoU with NITTR Chandigarh



National Institute of Technology, Uttarakhand Signs MoU with Hydro Engineering College Bilaspur (H.P.)



National Institute of Technology, Uttarakhand Signs MoU with NIT Hamirpur



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

MoU with Academia & Industry



MoU with Graphic Era Hill University



MoU with Covalience India Pvt Ltd



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

MoU with The Art of Living





NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

IMPORTANT EVENTS

Vidyanjali Volunteer Services at Government Girls Inter College, Srinagar



The community development cell under Research and Consultancy, National Institute of Technology Uttarakhand has organized two days orientation program Vidyanjali Volunteer Service at Government Girls Inter College, Srinagar Garhwal on 21st and 22nd Feb 2023. Vidyanjali is an online portal launched by the Honrable Prime Minister Shri Narendra Modi Ji in September 2021, with the aim of strengthening the infrastructure, facilities and improving the quality of education in government and government aided schools. To fulfil the objective of the Vidyanjali program, a team of faculty members along with Dr. Sanat Agarwal, Dean Research and Consultancy, were visited to mentor the school students under Vidyanjali Volunteer Services. The total five sessions were conducted by faculty members. The innovation and importance of intellectual property right was discussed by Dr. Niraj Kumar Mishra and Dr. Pankaj Kumar Pal. DR. Dheerendra Bahadur Singh and Dr Manvendra Singh Khatri covered mathematics and physics respectively for various competitive examinations. Dr. Saroj Ranjan de discussed about the preparation of chemistry for various entrance examinations. Event was coordinated by Dr. Niraj Kumar Mishra, Coordinator and Mr. Vivek Kumar, member of Community Development cell, NIT Uttarakhnad.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

NATIONAL INNOVATION DAY

INSTITUTION'S INNOVATION COUNCIL
(Ministry of IEDC Institutes)

National Innovation Day
on
15th October 2022
Online Expert Talk on "Recent Innovative Research Trends in Technology"

by
Prof. Chandra Shaker
Organized by
Innovation Entrepreneur Development Cell (IEDC), NIT Uttarakhand

Chief Guest
Prof. Chandra Shaker

Guest of Honour
Prof. Lalit Kumar Awasthi

Recent Innovative Research Trends in Technology

Research and consultancy section, IEDC Cell, NIT Uttarakhand, has celebrated **National Innovation Day** on 15/10/2022 to commemorate the birth anniversary of former President of India Bharat Ratan Dr APJ Abdul Kalam. On this occasion expert talk was organized on the topic **"Recent Innovative Research Trends in Technology"**. The Chief Guest and the eminent speakers of the programme was Prof. Chandra Shekhar (Emeritus Professor, Centre for Sensors, Instrumentation and Cyber-Physical System Engineering, IIT Delhi). The Guest of honour of the event was Prof Lalit Kumar Awasthi, Hon'ble Director, NIT Uttarakhand.



Open Volleyball Tournament



The Sports club (CSA) under the SW section, successfully organized the 03 days **Open Volleyball Tournament**, under the Fit India Movement, which was a huge success. The tournament was held from 13th to 15th January 2023. Volleyball ground was the venue for the tournament at poly campus. Total 09 teams from different schools and colleges participated in the same. The main objective of this tournament is to develop Sports zeal and Sports spirit of cooperation among the students of various institutes and encourage people to remain healthy and fit by including physical activities and sports in their daily lives. NIT Uttarakhand secured the 1st place, SSB Academy srinagar Garhwal 2nd and HNBGU Grahwal University 3rd place respectively.



All India Inter NIT Volleyball, Yoga and Kabaddi Tournament



Dr. Kuldeep Singh SAS Officer Successfully performed the duty of an observer in All India Inter NIT Volleyball, Yoga and Kabaddi Tournament from 20th to 22nd Jan. 2023 organized by NITK Surathkal. Institute team of 16 students participated in All India Inter NIT cricket tournament at SVNIT Tournament from 16th to 19th February 2023.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Student welfare Section



The literary club organized a debate for the students on 28th January 2023. The topic of the debate was "Does Privatization of Public Sectors Serve the Public interest?". 7 students participated in the debate competition and put their views. Out of 7 debaters, 4 were in the favour of motion and 3 were against the motion. Dr. R. P. Pandey, Assist. Prof. and HoD, Department of Chemistry, and Dr. D. B. Singh, Assist. Prof., Department of Mathematics and Dr. Vikash Kukshal, Assist. Prof. were the judges for the event. Also, Dr. Dharmendra Tripathi, Dean Student Welfare, Dr. Kusum Sharma, Literary Club Coordinator and Dr. Jagrati Sahariya were present at the event. The audience and judges participated by cross-questioning the contestants. A Logo design competition was also organized by the literary club on the same day. Students were given the chance to explore their creativity. 7 students participated in this competition and submitted their logo's. NITUK students have done the polling for the best logo design. Dr. Dharmendra Tripathi, Dean Student Welfare and Dr. Vikash Kukshal motivated the students to take part in such literary activities. Prizes and certificates were distributed among winners. The event ended with distribution of refreshments.



Blood Donation Camp National Service Scheme



On 26 January 2023 (Wednesday), a camp for blood donation was organized in our college auditorium. The program was organized under the National Service scheme (NSS) with Collaboration of Rotary Club Srinagar Garhwal. NSS volunteers of the institute also presented a play on the occasion of Republic day at ITI campus to motivate the people about blood donation camp in our college .

The program commenced at 10:30 in the morning after republic day celebration was completed. Honourable Director sir welcomed the team of doctors and Rotary Club members. More than 100 units of blood were donated by the faculty, staff members and students of the Institute.



Republic Day-2023



A cultural function for celebrating Republic Day was organized by Cultural and Fine Arts Club, National Institute of Technology, Uttarakhand at I.T.I Campus on January 26, 2023. All the faculty members, staff, students and guests were present for the celebrations. The celebration began with the hoisting of the national flag by the Honorable Director Prof. Lalit Kumar Awasthi at 8.30 A.M. Later he addressed the gathering.

As part of 73rd Republic day celebration, NIT Uttarakhand had arranged a Blood donation Camp in association with Rotary Club Srinagar Garhwal and Blood bank, Base hospital Srikot in order to spread awareness about the blood donation. The president of the Rotary club addressed the audience with his kind words. Students participated in several cultural programmes with enthusiasm and exuberance. There was a brilliant display of patriotic songs, dance, poetry and Skit on Blood donation camp. The programme left everyone spell bound. With this, the ceremony came to an end with a vote of thanks and sweet distribution.



Drama Competition & New Year Celebration



The Cultural and Fine Arts Club of the National Institute of Technology, Uttarakhand organised a Drama Competition, and celebrated New Year Eve on 31 December 2022 at the Auditorium, NITUK . The purpose of the event was to mark the happiness and joy of the new beginnings by leaving behind the past, starting over and taking on some new challenges in life. It manifested youth and enthusiasm at its best. As a trend of the institute, the event began with the auspicious lamp lighting ceremony. The occasion was graced by the presence of the Dean Research and Consultancy Dr.Hariharan Muthusamy ,Dean Student welfare Dr.Dharmendra Tripathi, Associate Dean Student Welfare Dr.Rakesh Kumar Mishra, faculty members and students. The Chief Guest, Hon'ble Dr. Hariharan Muthusamy inaugurated the Event by Cake cutting Ceremony and welcomed the students through his motivational speech. The event was augmented by a Drama Competition held for the 1st year students (branch wise). The students made the event remarkable and tremendously entertaining by their excellent performances. The winning team of the event was rewarded by the hon'ble Chief Guest. The event came to an end by the Refreshment Distribution followed by Group Dance.



Utkarsh-2023 (Fresher's Night)



The Cultural and Fine Arts Club of the National Institute of Technology, Uttarakhand organized a Freshers' Party "UTKARSH 2023" on 8th January, 2023, at the Auditorium to welcome the Batch of 2022. The purpose of the fresher's party was to make every new student feel connected as an integral part of the NITUK family and be ready to take on the challenges of the year ahead and begin a new journey with amazing adventures and experiences. Jovial smiles and high spirits marked the welcome party for the new students. It manifested youth and enthusiasm at its best. As a trend of the institute, the party began with the auspicious lamp lighting ceremony and prayers to Goddess Saraswati. The occasion was graced by the presence of the Chief Guest of the function Hon'ble Director of NIT Uttarakhand Prof. Lalit Kumar Awasthi, Dean Student welfare Dr. Dharmendra Tripathi, Dean Faculty Welfare Dr. Hariharan Muthusamy, faculty members and students. The Chief Guest, Hon'ble Director Prof. Lalit Kumar Awasthi inaugurated the event by welcoming the students through his motivational speech. The ramp walk with pulsating ambience, flashing lights and foot-tapping music, set the mood of the party right. The excitement augmented to a joyful high as performances graced the stage. The mercury began to rise, the dance floor was left open for some unbridled energy. Joy and happiness could be seen among students of each and every course at the college. The event is an indication of the union between the students. The Sparkle King, Sparkle Queen, Mr. Attire and Miss. Attire were Awarded with Sashes and gifts by Hon'ble Chief Guest. The event came to an end by dinner followed by the DJ.



Holi Milan Samaroh-2023



Cultural and Fine Arts Club, NIT Uttarakhand, organised the most colorful and vibrant festival Holi with a splash of color at Volleyball court Polytechnic campus, NIT Uttarakhand on March 03, 2023. The celebration began with the welcome of the Chief guest of the event Institute's Director Prof. L.K Awasthi by coloring with Gulaal at 5.00 p.m. Holi is a festival of color. It enhances the beauty of Indian rituals and tradition. The celebration began with Rangoli competition held branch wise. Students performed excellently well and displayed beautiful rangolis. After judgement by the Director Prof. L.K Awasthi, Winners were awarded and appreciated. The atmosphere was marked with fun and fervor. The students of the Institute welcomed spring, the season of hope with songs, dance and splashing colors.



International Women's day



The International Women's day is celebrated every year with a specific theme to uphold women's achievements, recognize challenges, and focus greater attention on women's rights and gender equality. This year the theme of International Women's day is DigitALL: Innovation and technology for gender equality.

The Ministry of Women & Child Development, Government of India has also issued an OM that celebration of International Women's day will commence from March 1, 2023 and culminate on March 8, 2023. Institute has celebrated International Women's day on March 3, 2023. On this occasion, Prof. Lalit Kumar Awasthi, Hon'ble Director NIT Uttarakhand congratulated all the employees. He emphasizes that women should come forward in the Administration and higher positions. The equal opportunities should be granted to women for their personal and professional growth. He further added that a woman contribute in many ways in the life of a man. Hence, it is the responsibility of society to empower women.



Photo-walk



The Klick Film and Photography Club of National Institute of Technology, Uttarakhand organised a Photowalk on 2nd of February, 2023.

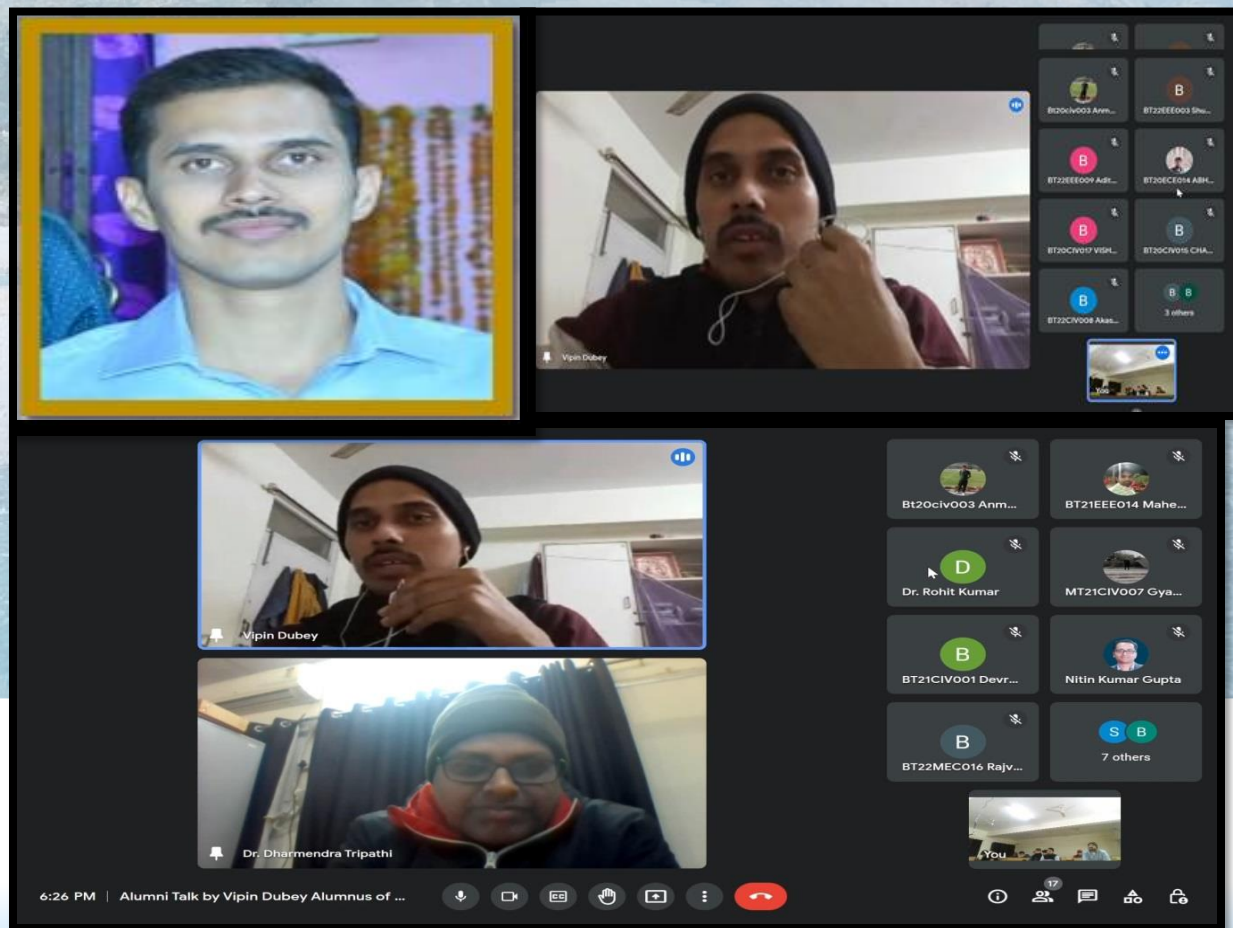
The purpose of the Photowalk is to draw the attention of students towards Creative Photography and to polish the Photography Skills of the students interested in photography. The participants were briefed about the basic camera settings and Exposure Triangle which comprises aperture, shutter speed, and ISO. The participants were also briefed about Photography Compositions.

The participants also captured photos and tested all these knowledge with the real subjects around the Institute's campus in the supervision of Club Members and Co-ordinator.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Alumni Talk



Mr. Vipin Dubey, IPS (Air 361, UPSCs Civil Services Exam 2021) has delivered the alumni talk on “Opportunities in Civil Services”. He is an alumnus of B.Tech. (Civil Engineering) of batch 2014-2018. He briefed about his journey, mistakes and hurdles faced for cracking the UPSC exam. He discussed with students about the UPSC prelims and main exam paper formats. Additionally, he talked about his interview experience and guided the students about the questions he was asked related to his area of expertise, Civil Engineering. He explained the benefits of engineering subjects for interview preparation. He suggested reading NCERT books from 6 to 12 standard. He also suggested students to read newspaper i.e., The Hindu, Time of India etc. on daily basis for current affairs and to improve their English language. He also told about how to write essay. He advised students to analyze and solve previous year question paper of UPSC.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Alumni Achievements:



Mr. Kunal Saurav, Alumnus of B.Tech. (Electrical & Electronics Engineering), Batch- 2013-2017 got AIR -2 in ELECTRICAL ENGINEERING in Engineering Services Examination (ESE)-2022 conducted by the Union Public Service Commission (UPSC) .



Mr. Shashank Singh, Alumnus of B.Tech. (Civil Engineering) Batch- 2015-2019 got AIR- 130 in CIVIL ENGINEERING UPSC Engineering Services Examination (ESE) 2022 conducted by the Union Public Service Commission (UPSC).



Mr. Ramvilas Patel, Deputy -Manager (TECH), National Highway Authority of India, JABALPUR Alumnus of B.Tech. (Civil Engineering) Batch 2013-2017, got Award for outstanding performance in REWA-SIDHI Tunnel Project by Hon'ble Minister Road Transport and Highways, Sh. Nitin Gadkari ji & MP CM Sh. Shivraj Singh Chouhan ji.





NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Students Achievements:



DEPARTMENT OF ELECTRONICS ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY, UTTARAKHAND



I invite you all to congratulate *our final year student*

Mr. Rahul Raikuni (BT19ECE002)

For securing

AIR-56 rank

in

Electronics & Communication Engineering

GATE-2023

Department of Mechanical Engineering



Congratulations

Mr. Rohit Singh Negi
B.Tech IV year, ME

GATE 2023
AIR - 189





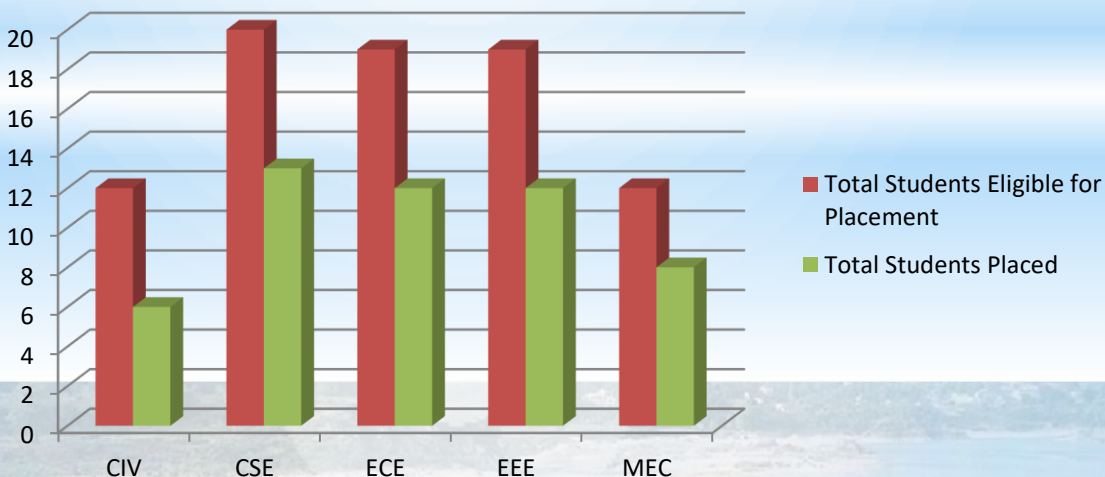
Career Counselling & Placement:

B.Tech 2022-23 Batch Placement Record Summary(Till March)

S. No	Branch Name	Total No. of Students	Total Students Eligible for Placement	Total Students Placed	Placement %
1	CIV	16	12	6	50.00
2	CSE	20	20	13	65.00
3	ECE	19	19	12	63.16
4	EEE	19	19	12	63.16
5	MEC	14	12	8	66.67
Total		88	82	51	62.20

No. of M.Tech Students Placed till March 2023

S. No.	Branch	Registered	Total Students Eligible for Placement	TOTAL PLACED	PLACED %
1	CSE	4	3	2	66.67
2	CIV	8	5	1	20.00
3	ECE	2	1	1	100.00
4	EEE	2	2	1	50.00
5	MECH	0	0	0	0.00
Total		16	11	5	45.45



**Career Counselling & Placement:**

S. No	Name	Branch	Package details (LPA)	Company (On Campus)
1	Deepanshu Taneja	CSE	19	C-DOT
2	Shivam Bindal	CSE	19	C-DOT
3	Anuj Saxena	CSE	18	Fanatics
4	Ujjwal Kumar	CSE	19	C-DOT
5	Navita Nautiyal	MEC	6	L&T
6	Jagatpal Singh Gusain	CIV	6	L&T
7	Arjun Singh Bisht	EEE	6	L&T
8	Rahul Raikuni	ECE	6	L&T
9	Akankshi Naugain	ECE	6	L&T
10	Akshay Kumar	MEC	6	L&T
11	Rajat Manswal	EEE	6	L&T
12	Amit Bhatt	EEE	6	L&T
13	Animesh Singh	CIV	6	L&T
14	Ashok Kumar Sharma	CIV	6	Nextrun
15	Purvi Goyal	CSE	18	Publicis Sapient
16	Anupam Panwar	CSE	18	Publicis Sapient
17	Deepak Garg	CSE	18	Publicis Sapient
18	Ankit Kumar	CSE	18	Publicis Sapient
19	Afzal Ali	MEC	6.5	Renishaw
20	Yashvi Verma	ECE	7.2	Samsung Engineering
21	Bhavna Sharma	EEE	7.2	Samsung Engineering
22	Priyanka Bohra	CIV	7.2	Samsung Engineering
23	Abhinav Bhatnagar	ECE	14.5	Samsung R&D
24	Neha Dhyan	CSE	14.5	Samsung R&D
25	Sanyam Jain	ECE	21	Thoughtspot



Career Counselling & Placement:

26	Sachin Shah	CSE	19	C-DOT
27	Dudekula Reshma	ECE	18	Torcai
28	Kunal Aswani	MEC	18	Torcai
29	Nikhil Kumar Singh	ECE	7	Valuable Group
30	Bhanu Pratap Singh	EEE	7	Valuable Group.
31	Ojaswi Sharma	CSE	18	Optym
32	Sagar Prajapati	ECE	18	optym
33	Rajaram Yadav	EEE	6	L&T
34	Apoorv Arora	EEE	6	Evigway
35	Vipul Giri	EEE	6	L&T
36	Dharmapuri Pavanchytanya	MEC	8.5	JSW
37	Kailash Shah	EEE	6	Cyfuture
38	Sintaj	MEC	4	RCC Developers
39	Himanshu Patel	MEC	8.88	Maruti Suzuki
40	Ankit Taniwal	MEC	8.88	Maruti Suzuki
41	Babul Sarkar	EEE	7.25	Byju
42	Ajay kumar	CIV	7.25	Byju
43	Nishant	ECE	8	Sagacious Research
44	Praveen Kumar Singh	ECE	8	Sagacious Research
45	Pranshu Sinha	CIV	7	C-DAC
46	Kanika Singh	ECE	8	Mahindra & Mahindra
47	Jai Surya	ECE	5	C-DAC
48	Arman Ansari	CSE	5	C-DAC
49	Pranjal Uniyal	EEE	8	Mahindra and Mahindra
50	Anubhav Verma	EEE	9	TCS
51	Dinesh Ponnada	CSE	8	Mahindra and Mahindra



Research Grants:

Details of Individual Project and Development Projects	Sponsoring/ Funding Authority	Fund allocated by Sponsoring/ Funding Authority	Status
Synthetic, Structural and Optical Aspects of Photoactive MOFs	DST	35.0 Lakhs	Completed
Regioselective Synthesis of Fused Polyaryl Compounds via Nucleophilic Addition to Borylbenzynes: Application to the synthesis of Topopyrrole C & D	DST-SERB	23.70 Lakhs	Completed
Special Manpower Development Programme - Chip to System Design (SMDP-C2SD)	Ministry of Electronics & Information Technology, GoI	124.09 Lakhs	Completed
Design Innovation Center	MoE, New Delhi, IIT Roorkee	100 Lakhs	Ongoing
Development and Analysis of Cancelable Biometric Template Generation for Person Identification	UCOST, Dehradun	2.09 Lakhs	Completed
Solar powered robust E-Rickshaw control with bidirectional DC-DC converter using regenerative cycle boost charging	MeitY	30.03 Lakhs	Completed
Fabrication and characterization of Co- based CoPt/Pt multilayered films by Electrodeposition	UGC-DAE CSR, Mumbai	1.35 Lakhs	Ongoing
Study of FeRh epitaxial films and heterostructures for spintronics applications	UGC-DAE CSR Indore	11.98 Lakhs	Ongoing
Fabrication and Testing of Lower Limb Prosthesis for Transtibial Amputee using Biocomposites with Energy Restoring Capability	ICMR, New Delhi	28 Lakhs	Ongoing
DECONET- "DECONET- DEVELOPMENT OF INDIGENOUS SYSTEM FOR DECIPHERING ENVISIONED SPEECH FROM EEG SIGNALS USING OPTIMIZED DEEP CONVOLUTIONAL NEURAL NETWORK MODELS	CRG, DST-SERB	40.70 Lakhs	Ongoing
IoT- based Multifunctional Scalable Real Time Farm Monitoring System for Smart Agriculture**	DST iHub - AWaDH (Agriculture & Water Technology Development Hub), INDIAN INSTITUTE OF TECHNOLOGY ROPAR	16.97 Lakhs	Ongoing
Development of domestic cooking stove based on biomass gasification with porous radiant burner	DST-SERB	22.13 Lakhs	Ongoing
Development of empirical model for fundamental natural period of buildings constructed in hilly terrains	SERB DST	40.8 Lakh	Ongoing



Ongoing MoUs with our Institute:

S. No	Name of the Organization with MoU is Signed	MoU Date	National /International	Type of MoU
1	Eotvos Lorand University, Hungary	26-06-2019	International	Academic
2	National Formosa University, Taiwan	20-08-2019	International	Academic
3	Indian Institute of Technology Roorkee, India	24-09-2020	National	Academic
4	Indian Institute of Technology Kanpur, India	07-12-2020	National	Academic
5	National Highways Authority of India (NHAI)	13-08-2020	National	Industrial
6	Mitsubishi Electric India Private Limited	02-07-2018	National	Industrial
7	Powerforge, (PWSIM Engg. Solutions Pvt Ltd.), Bengaluru	10-02-2020	National	Industrial
8	EMTP (Alliance Software & Services)	19-07-2021	National	Industrial
9	All India Institute of Medical Sciences (AIIMS) Rishikesh	21-07-2020	National	Academic
10	Semi-Conductor Laboratory (SCL) – ISRO, Mohali, India	23-09-2020	National	Industrial
11	Bharat Heavy Electricals Limited (BHEL), Haridwar, India	02-09-2020	National	Industrial
12	Central Manufacturing Technology Institute (CMTI), Bengaluru	21-05-2021	National	Industrial
13	Institute of Informatics & Communication, University of Delhi, New Delhi for Implementation of Non-SaaS SAMARTH ERP(SHSM) system	26-11-2020	National	Academic
14	Indian Institute of Technology Delhi, India	13-07-2020	National	Academic
15	CSIR-Indian Institute of Petroleum (CSIR-IIP), Dehradun, India	03-08-2020	National	Academic
16	Manipal University, Jaipur	18-09-2019	National	Academic
17	Malaviya National Institute of Technology Jaipur, Rajasthan, India	30-06-2020	National	Academic



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Ongoing MoUs with our Institute:

18	Hemvati Nandan Bahuguna Garhwal University (A Central University) Srinagar Garhwal Uttarakhand	16-03-2021	National	Academic
19	Indian Institute of Technology, Ropar	02-09-2021	National	Academic
20	Pawan Hans Limited, Noida	08-10-2021	National	Industrial
21	The Institution of Engineering (India), Kolkata	24-03-2022	National	Academic
22	Jawaharlal Nehru Government Engineering College (JNGEC), Sundernagar, HP	12-04-2022	National	Academic
23	Indian Institute of Technology Roorkee, India @175 Partnership	27.05.2022	National	Academic
24	Indian Institute of Technology, Ropar	21-06-2022	National	Academic
25	Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab	29-8-2022	National	Academic
26	Asia University, Taiwan	19-10-2022	International	Academic
27	Himachal Pradesh Technical University, Hamirpur, Himachal Pradesh	27-10-2022	National	Academic
28	National Highways & Infrastructure Development Corporation Ltd	31-10-2022	National	Industrial
29	National Institute of Technical Teachers Training and Research Chandigarh	23.01.2023	National	Academic
30	THDC Institute of Hydropower Engineering & Technology	27-01-2023	National	Academic
31	National Institute of Technology, Hamirpur, Himanchal Pradesh	06-02-2023	National	Academic
32	Government Hydro Engineering Collage Bilaspur Himachal Pradesh	20-02-2023	National	Academic
33	Covalience India Pvt Ltd	22.02.2023	National	Industrial
34	Graphic Era University , Dehradun	23.03.2023	National	Academic



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1. Arjun S. Rawat, Maroti Deshmukh, Maheep Singh, "Meaningful Shares based Single Secret Sharing Scheme using Chinese Remainder Theorem and XOR Operation", 10th International Conference on Signal Processing & Integrated Networks (SPIN 2023), IEEE, 2023. (Accepted).
2. Arjun S. Rawat, Maroti Deshmukh, Maheep Singh., "A Novel Multi Secret Image Sharing Scheme for Different Dimension Secrets", Multimedia Tools and Applications, Springer, 2023 [SCIE]. (Accepted).
3. Arjun S. Rawat, Maroti Deshmukh, Maheep Singh., "Single Secret Sharing Scheme using Chinese Remainder Theorem, Modified Shamir's Scheme and XOR Operation", Wireless Personal Communications", Springer, 2023 [SCIE]. (Accepted).
4. Prabhjot Kaur, Nitin Kumar, Maheep Singh., "SURFBCS: Speeded Up Robust Features based fuzzy vault scheme In Biometric CryptoSystem", "The Journal of Supercomputing", Springer, 2023 [SCI]. (Accepted).
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6. Gaurav Sharma, Maheep Singh, Sandeep Chand Kumain., "W-net Plus: DNN for Spatial Saliency Prediction in Videos", IEEE International conference on International Conference on Innovations in High-Speed Communication and Signal Processing (IEEE-IHCSP), 2023.[Accepted]
7. Soni Chaurasia, Kamal Kumar, "EEMOR: Energy Efficient Metaheuristic Opportunistic Routing protocol for WSNs," in Ad Hoc & Sensor Wireless Networks. [Accepted], [SCIE, SCOPUS], [IF 0.40] [ISSN: 1551-9899]
8. Soni Chaurasia, Kamal Kumar, "MOCRAW: A Meta-Heuristic Optimized Cluster Head Selection based Routing Algorithm for WSNs," in Ad Hoc Networks (SCI) (Published, 2023) (SCI, SCOPUS) [ISSN: 1570-8705] [IF: 4.816]
9. Kamal Kumar, Anuj Kumar Jain, R. G. Tiwari, N. Jain, V. Gautam and N. Ujjwal, "Underwater Image Enhancement Approaches: A Current Perspective," 2022 8th International Conference on Signal Processing and Communication (ICSC), Noida, India, 2022, pp. 520-524, doi: 10.1109/ICSC56524.2022.10009625.
10. A. K. Gangopadhyay, T. Sheth & Sneha Chauhan. LAD in finance: accounting analytics and fraud detection. Advances in Computational Intelligence. 3, 4 (2023).



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11. Ashutosh Biswal, Prakash Dwivedi, and Sourav Bose. "DE optimized IPIDF controller for management frequency in a networked power system with SMES and HVDC link." *Frontiers in Energy Research*. Accepted 2023.
12. Vaishali Singh, Shubhra Kala, Tanmay Rom, Avijit Paul and Rampal Pandey*, A Multi-cation Responsive Ni(II)-Supramolecular Metallogel Mimics as Molecular Keypad Lock via Reversible Fluorescence Switching, 2023 (In-press) <https://doi.org/10.1039/D2DT03714A>.
13. Suman Srivastava, Arpna Tamrakar, Sandeep Joshi, M. D. Pandey, Rampal Pandey*, Metal-free hydroarylation derived ferrocene-dihydrocoumarin as ultrasensitive dual-channel probe selectively for picric acid, 2023, e7028, <https://doi.org/10.1002/aoc.7028>
14. Ankur Srivastava, Gargi Mishra, Kshitij RB Singh, Jay Singh, Rampal Pandey*, M. D. Pandey, Synthesis, characterization, and electrocatalytic behaviour of hydrothermally grown nanostructured La₂O₃ and La₂O₃/K-complex, 2023, <https://doi.org/10.1002/bio.4433>.
15. Smita Kaloni, Prashant Tiwari, Ghanapriya Singh, "User-defined high impulsive frequency acquisition model for mechanical damage identification", in *Journal of Multibody Dynamics*. [in press].
16. Rajalaxmi Rath, Kuldeep Sharma (2023). Alternative Crack-Tip Enrichment Functions for X-FEM in Arbitrary Polarized Piezoelectric Media, *Frontiers in Industrial and Applied Mathematics*. FIAM 2021. Springer Proceedings in Mathematics & Statistics, vol 410. Springer, Singapore.
17. Manmohan Pundir, Abhimanyu Kumar, and Sachin Chodhary, "Efficient Diffie Hellman Two Round Secret Key Agreement Protocol", Accepted in 2023 for publication in International Conference on Innovations in High Speed Communication and Signal Processing (IHCSPP), to be held at MANIT Bhopal.
18. Chaturvedi, Sonalika and Renu Bhadola Dangwal*, "Making Sense of the Pandemic: Ecocultural Reflections on Ahmed Ali's Twilight in Delhi." *Post-Pandemic Literary and Cultural Perspectives*. Ed. Gyanabati Khurajam. Ist Edition. Iterative Publishers 2022. PP. 144-149.
19. Chaturvedi, Sonalika and Renu Bhadola Dangwal*, "Writing the Grotesque: Poisoned Bodies and Toxic Environment in Ambika Sutan Mangad's Swarga." *Ecodisaster Imaginaries in India: Essays in Critical Perspectives*. Ed. Scott Slovic. Lexington Books. 2023. (In Press)
20. Dona Soman and Renu Bhadola Dangwal*, "Mythical Imagination and the Young Minds: A Reading of Geeta Dharmarajan's Ma Ganga and the Razai Box as a Metaphor of Hope in Disaster." *Ecodisaster Imaginaries in India: Essays in Critical Perspectives*. Ed. Scott Slovic. Lexington Books. 2023. (In Press)
21. Raina, Rashmi* and Naresh Mishra. "Impact of Social Media on Women." *International Journal of Scientific and Innovative Research Studies*. Vol 10. 12. 2022. ISSN 24541818.
22. Tushar Goel, Amalendu Patnaik, "Wideband End-fire Antenna Array For Future Short-Range Communications", *IEEE Canadian Journal of Electrical and Computer Engineering*. DOI: 10.1109/ICJECE.2022.3220751, Feb 2023 (Status-Published)



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23. Anuradha, Tushar Goel,, Amalendu Patnaik, “Design and Experimental Validation of Customized Fractal FSS, “Int. J. of Electronics Letters by Taylor and Francis.DOI: 10.1109/ICJECE.2022.3220751, Jan, 2023.(Status-Published)
24. Anuradha, Tushar Goel, , Amalendu Patnaik, “Multifunctional Antenna Design for Wireless Consumer Electronic Devices: A Soft-computing Approach”, Under Review with IEEE Canadian Journal of Electrical and Computer Engineering, Feb 2023.(Status-Accepted)
25. Meenal, Mahesh Kumar Aghwariya, Santosh Kumar, Tushar Goel, Amalendu Patnaik, “ Material Selection for RF Sensors in Harsh Environment Applications: A Review”, Under Review with IEEE Sensors Journals (Under Review:- Status: Major Revision)
26. Avinash Bhatt, Satendra Pathak, Pankaj Kumar Pal, Ajeet Kumar, Tushar Goel, “Extraction of snow data using polarimetric techniques: A Review”, IETE Technical Review. (Under Review Status:- Communicated)
27. Tushar Goel, Anuradha, A K Gautam, Amalendu Patnaik, “A theoretical design of angular-phased broadband antenna array for millimeter-Wave applications” , RF and Microwave Computer Aided Engineering. (Under Review Status:- Communicated)
28. Satendra Pathak, Mahesh Kumar Aghwariya, Pankaj Kumar Pal, Tushar Goel, “Multi-Band Rectenna Integrated With Solar Cells for Microwave Energy Harvesting System”, IEEE International Conference MAPCON December 2022. (Status-Accepted)
29. Mahesh Kumar Aghwariya, Satendra Pathak, Avinash Bhatt, Santosh Kumar, Amalendu Patnaik, Tushar Goel, “A novel design of graphene-based dual band nanoantenna for terahertz applications”, IEEE International conference on Microwave antenna and communication, IMAC 23, Jan 2023 ((Status-Accepted)).
30. Avinash Bhatt, Mahesh Kumar Aghwariya, Satendra Pathak, Pankaj Kumar Pal, Ajeet Kumar, Tushar Goel, “Model Based Decomposition of Alakananda River Basin using SAR Data” IEEE International conference on Microwave antenna and communication, IMAC 23, Jan 2023 (Status-Accepted)
31. Muskan Mayank, “Investigating the flow mechanism of contaminant transport in groundwater”, 1st International Conference on Science, Technology and Engineering, ICSTE 23, Feb 2023.
32. Rajesh Kumar, Pawan Kumar Rakesh and Dungali Sreehari (2023). “Investigation on physico-chemical, mechanical and thermal properties of extracted novel pinus roxburghii fiber”, Journal of Natural Fibers, 20(1), 2157924. <https://doi.org/10.1080/15440478.2022.2157924> Impact Factor: 3.501.
33. Karina Khan, Kamal N Sharma, Amit Soni and Jagrati Sahariya (2023) “First principle study of optical and electronic response of Ca-based novel chalcopyrite compounds” Physica Scripta 98, 035821.
34. Kusum Sharma, “Error of Approximation of a Function by (TC^δ) Means of its Fourier-Laguerre Series”, 2481, 040032 (2022); <https://doi.org/10.1063/5.0103751>



Achievements



1. Patent granted (No. 415820) with application number: 202211020472 and title: POWER DRIVEN STAIR CLIMBING TRI-WHEELED SPIDER-WHEEL SYSTEM on 28th December 2022.
2. Patent granted (No. 415099) with application number: 202211032781 and title: “SOLAR POWER INTEGRATED BIDIRECTIONAL NON-ISOLATED DC-DC CONVERTER FOR E-RICKSHAW” on 21st December 2022.
3. Design Patent Filed by Tushar Goel, Satendra Pathak, Pankaj Kumar Pal, “Industrial Design of defective ground structure based slot radiator, Indian Design IPR, Jan. 2023.
4. Design Patent Filed by Tushar Goel, Avinash Bhatt, Pankaj Kumar Pal, “Industrial Design of angular-phased 4 element antipodal radiating structure, Indian Design IPR, Jan. 2023.
5. Design Patent Filed by Tushar Goel, Mahesh Kumar Aghwariya, Pankaj Kumar Pal, “Industrial Design of wind-mill shaped antipodal radiating structure with two radiators, Indian Design IPR, Jan. 2023.
6. Design Patent Filed by Tushar Goel, Arvind Bisht, Pankaj Kumar Pal, “Industrial Design of log-periodic based bow-tie antipodal radiator, Indian Design IPR, Jan. 2023.
7. Prof. Lalit Kumar Awasthi, Director NIT, Uttarakhand, received the Best Paper Award in International Conference on Artificial Intelligence of Things (ICAIoT-2023), NITTTR Chandigarh
8. Prof. Lalit Kumar Awasthi, Director NIT, Uttarakhand, Dr. Maheep Singh and Mr. Sandeep Chand Kumain received the Best Paper Award in IEEE International Conference on Innovations in High-Speed Communication and Signal Processing (IEEE-IHCSP 2023), MANIT Bhopal.



NATIONAL INSTITUTE OF TECHNOLOGY UTTARAKHAND

Electrical Project lab/Workshop lab



The National Institute of Technology's Department of Electrical Engineering has recently developed Project lab/Workshop lab equipped with essential equipment for hardware-based projects. The lab is equipped with soldering and desoldering stations, multimeters, DSO, glue gun facilities, breadboards with DC voltage sources, and other necessary tools for project development. The lab includes four workbenches, three of which are dedicated to hardware work while one is for software. This lab will be highly beneficial for B.Tech, M.Tech, PhD scholars, as well as faculties and staff working on hardware projects. Currently, the lab is being used by B.Tech students for their major and minor projects. This newly developed lab will help students to gain hands-on experience and practical knowledge in the field of electrical engineering. We believe that the project lab/workshop lab will contribute significantly to the academic and research activities of the department. It is an excellent addition to the existing facilities of the National Institute of Technology and will enable students to explore and innovate in the field of electrical engineering. In near future, it is planned to add more facilities in the lab.



Facilities created by Electronics Department

Name of the Item	Facilities Created By	Approx. Amount
LCR Meter	Dr. Tajinder Singh Arora	10.00
DSO	Dr. Tajinder Singh Arora	24.00
Communication Kits	Dr. Sarika Pal	10.038
Arbitrary Function Generator	Dr. Tajinder Singh Arora	9.00
Air Conditioner	Coordinator DPC (Dr. Pankaj Kumar Pal)	12.00
Desktop	Mr. Vivek Kumar	20.00
PCB Prototype Machine for Workshop lab	Dr. Siva Kumar Tadepalli	5.00
Online UPS 20KVA	Dr. Tajinder Singh Arora	5.00
Audio and Sound System	Dr. Tushar Goel	1.978
Synopsys AsiaPac Advance TCAD (3D) University Bundle Software	Dr. Pankaj Kumar Pal	12.00



Facilities created by Mechanical Department

Name of the Item	Facilities Created By	Approx. Amount
Digital Tachometer (01)	Dr. T Sudhakar	0.23145
Muffle Furnace	Dr. Dungali Sreehari	0.5219
Thermocouple (10)	Dr. Yogesh Kr. Prajapati	0.225
Pneumatic Trainer kit with PLC (Computer controlled)	Dr. Vikas Kukshal	2.654
Recirculating Chiller (constant temperature bath)	Dr. Niraj Kumar Mishra	1.47722
Vapor Absorption Refrigeration (01)	Dr. Niraj Kumar Mishra	1.44
1. Cut section model of automobile transmission gear box 2. Cut section model of automobile differential gear mechanism 3. Cut section model of automobile braking system	Dr. Vinod Singh Yadav	0.62776
Magnetic stirrer	Dr A Mandal	0.55989
Overhead stirrer		0.24599
Multi Functional Printer	Mr. Arshad Saify	0.30966
Desktop Computer	Dr. Sanat Agrawal	13
High Wall Split ACs (1.5 ton each)	Dr. Vikas Kukshal	0.73817
Solar Radiation Meter	Dr Lalta Prasad	2.72994



Facilities created by Physics Department

Equipment	Facility Created By	Cost of Procurement(Rs.)
Tangent Galvanometer	Dr. I. M. Nagpure	9,959
Diffraction grating	Dr. Jagrati Sahariya	17,400
Sonometer	Dr. Hardeep Kumar	2,692
Desiccator	Dr. Manvendra Singh Khatri	3,606
Counter and reference electrodes	Dr. Manvendra Singh Khatri	27,730
Vacuum Pump	Dr. Manvendra Singh Khatri	10,000
Laminar Air Flow Cabinet	Dr. Hardeep Kumar	69,251
Empty Gas cylinder with Regulator	Dr. Hardeep Kumar	48,755
NanoDcal Software	Dr. Jagrati Sahariya	6,98,560
Computer	Dr. Jagrati Sahariya and Dr. Manvendra Singh Khatri	2,16,574

Facilities created by Mathematics Department

Name of the Item	Facility Created by	Approx. Amount (in Rs. & in Lakhs)
Furniture (Computer Tables & Computer Chairs)	Dr. Kuldeep Sharma and Dr. Nitin Sharma	1.23
Online UPS (10 KVA)	Dr. Kuldeep Sharma	1.34
Electrical Installation and Equipment	Dr. Kuldeep Sharma	0.26
Desktop Computers for Computational Lab	Dr. Kuldeep Sharma and Dr. Nitin Sharma	22.28

MEDIA COVERAGE

राष्ट्रीय प्रौद्योगिकी संस्थान के छात्रों को मिली दो बसें

बैंगलूर सरल एक्सप्रेस/गबर सिंह भण्डारी/श्रीनगर महानगर

राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड के निदेशक प्रोफेसर ललित कुमार अवस्थी के अध्यक्ष प्रयासों के फलस्वरूप छात्रों के परिवहन संकट को दूर करने के लिए दो बसों की खरीदारी की गयी है। दोनों बसों का उद्घाटन निदेशक ने संस्थान की रेशन फार्म स्थित प्रशासनिक भवन के सामने आयोजित समारोह में पूजा अर्चना के बाद फीता काटकर किया।

इस अवसर पर बोलते हुए,

कारण आने से मना कर देती है। ऐसी स्थिति में छात्रों को कंपनियाँ द्वारा निर्धारित स्थान



जैसे देहरादून, ऋषिकेश या फिर दिल्ली से जाना पड़ता है। इसके

अनुविधा होती थी। इन्हीं सब कारणों को ध्यान में रखते हुए दो बसों की खरीदारी की गयी



प्रोफेसर अवस्थी ने बताया की

संस्थान के स्टूडेंट वेलफेयर सेक्टर और परिवहन विभाग के अधिकारियों के साथ बैठक स्थित कहा की चिल्ली जल्दी हो सके छात्रों की समस्या का समाधान किया जाए। अंततः संस्थान में दो बसें खरीदने की प्रक्रिया पूरी कर ली गयी। प्रभारी कुलसचिव डॉ धर्मेश त्रिपाठी ने प्रोफेसर अवस्थी के कुशल प्रबंधन और प्रशासन की सराहना करते हुए कहा कि संस्थान के छात्र निदेशक महोदय की प्रयत्निका के बेटे में है। निदेशक महोदय ने छात्रों की संवेदनशील

सबसे तेज प्रधान टाइम्स

राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड श्रीनगर में छात्रों हेतु दो बसें उपलब्ध

गबर सिंह भण्डारी

हरिद्वार/पौड़ी/श्रीनगर गढ़वाल (सबसे तेज प्रधान टाइम्स)। राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड के निदेशक प्रोफेसर ललित कुमार अवस्थी के अध्यक्ष प्रयासों के फलस्वरूप छात्रों के परिवहन संकट को दूर करने के लिए दो बसों की खरीदारी की गयी है। दोनों बसों का उद्घाटन निदेशक ने संस्थान के रेशन फार्म स्थित प्रशासनिक भवन के सामने आयोजित समारोह में पूजा अर्चना के बाद फीता काटकर किया।

इस अवसर पर बोलते हुए, निदेशक प्रोफेसर अवस्थी ने एनआईटी के सभी हितधारकों विशेष रूप से छात्रों को बसों के पहुंचने के लिए उनके लिए वादे के लिए प्रोफेसर



पड़ता है। उन्होंने कहा की चारधाम यात्रा के दौरान कभी कभी तय कार्यक्रम के अनुसार किराये पर भी बसों का मिलना मुश्किल हो

समस्या का समाधान किया जाए। अंततः संस्थान में दो बसें खरीदने की प्रक्रिया पूरी कर ली गयी।

एनआईटी ने खरीदी दो बसें

श्रीनगर। राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड श्रीनगर के छात्रों की परिवहन समस्या को दूर करने के लिए एनआईटी ने दो बसों की खरीदारी की है। दोनों बसों का शुभारंभ एनआईटी निदेशक प्रो. ललित कुमार अवस्थी ने रिबन काटकर किया। इस मौके पर उन्होंने एनआईटी के सभी हितधारकों विशेष रूप

‘महिलाएं किसी भी क्षेत्र में पुरुषों से कम नहीं’

श्रीनगर। राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) उत्तराखण्ड के आईसीसी सेल की ओर से अंतरराष्ट्रीय महिला दिवस के उपलक्ष्य में ‘डिजिटल: लैंगिक समानता के लिए नवाचार और प्रौद्योगिकी’ विषय पर साप्ताहिक कार्यक्रम शुरू किया गया। कहा गया कि आज के समय में महिलाएं किसी भी क्षेत्र में पुरुषों से कम नहीं हैं। कार्यक्रम में एनआईटी के निदेशक प्रो. ललित कुमार अवस्थी ने कहा कि वर्तमान में विश्व की कुल जनसंख्या में महिलाओं की संख्या करीब 50 फीसदी है जबकि शिक्षा, रोजगार, राजनीति या अन्य क्षेत्र में उनका प्रतिनिधित्व काफी कम है। मगर आज के समय में महिलाएं किसी भी तरह से पुरुषों से कम नहीं हैं। संवाद

है। कार्यक्रम में शिक्षा, स्वास्थ्य, लोक संस्कृति, स्वरोजगार आदि के क्षेत्र में काम कर रही 27 महिलाओं को उत्कृष्ट सम्मान से नवाजा गया। इस

मौके पर एसडीएम अपर्णा ढोंडियाल, सीओ हर्षवर्धनी सुमनी, महेशी आर्य, रंजना गैरोला, शैली प्रजापति, अनसूया पटवाल आदि मौजूद रहे।

लैंगिक असमानता को लेकर कई सामाजिक रीति-रिवाज जिम्मेदार

जागरण संवाददाता, श्रीनगर गढ़वाल: एनआईटी उत्तराखण्ड के निदेशक प्रो. ललित अवस्थी ने कहा कि लैंगिक असमानता को लेकर कई सामाजिक रीति-रिवाज जिम्मेदार हैं, जो वर्तमान में महिलाओं के अनुकूल नहीं हैं। ऐसे में इन्हें समाप्त करना जरूरी है। ऐसी प्रथाओं में परिवर्तन और संशोधन जरूरी है। उन्होंने कहा कि महिलाओं को आधी आवादी का दर्जा है, लेकिन शिक्षा, रोजगार, राजनीति अथवा किसी अन्य क्षेत्र में उनका प्रतिनिधित्व आधे से काफी कम है। प्रो. अवस्थी ने कहा कि महिला है तो काम नहीं कर पाएगी, इस धारणा को बदलना ही नहीं, समाप्त भी करना होगा। एनआईटी उत्तराखण्ड संस्थान में लैंगिक समानता की दिशा में निरंतर कार्य कर रहा है।

अंतरराष्ट्रीय महिला दिवस सप्ताह कार्यक्रम के अंतर्गत राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) उत्तराखण्ड श्रीनगर

- एनआईटी उत्तराखण्ड में अंतरराष्ट्रीय महिला दिवस सप्ताह के तहत कार्यक्रम आयोजित
- लैंगिक समानता की दिशा में निरंतर कार्य कर रहा है एनआईटी

के सभागार में ‘डिजिटल इनोवेशन एंड टेक्नोलॉजी फार जेंडर इक्वैलिटी’ विषय को लेकर कार्यक्रम आयोजित किया गया। इस दौरान एनआईटी के कुलसचिव डा. धर्मेश ने महिला सशक्तिकरण को अनिवार्य बताते हुए विचार व्यक्त किए। एनआईटी की आईसीसी सेल की चेयरमैन डा. जागृति सहरिया ने महिला दिवस सप्ताह के अंतर्गत आयोजित हो रहे कार्यक्रमों के बारे में विस्तार से बताया। एनआईटी में कार्यरत सभी महिला कर्मचारी और फैकल्टी भी इस कार्यक्रम में विशेष उत्साह के साथ शामिल हुईं।

गढ़वाल की और भी खबरें पढ़ें
www.jagran.com



MEDIA COVERAGE

गुलदार पकड़ने को बनेगा नया पिंजरा

जागरण संवाददाता, श्रीनगर गढ़वाल : गुलदार पकड़ने को लेकर अब नए डिजाइन का उन्नत पिंजरा, जाल के साथ ही, वाहन का नया स्वरूप भी नजर आएगा। राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) उत्तराखंड श्रीनगर के अभियांत्रिकी विभाग द्वारा इस प्रोजेक्ट पर कार्य शुरू किया गया है।

एनआईटी उत्तराखंड श्रीनगर के निदेशक प्रो. ललित कुमार अवस्थी ने कहा कि वन विभाग द्वारा एनआईटी को दिया गया यह प्रोजेक्ट आने वाले समय में देश के सभी राज्यों के वन विभागों के लिए भी महत्वपूर्ण बनेगा। जिससे नवीनतम डिजाइन के साथ ही जाल और पिंजरे को बनाते का कार्य होगा।

- एनआईटी के अभियांत्रिकी विभाग के विशेषज्ञों को दिया प्रोजेक्ट
- प्रोजेक्ट देश के सभी राज्यों के वन विभागों के लिए भी महत्वपूर्ण होगा

डिजाइन को संस्थान पेंटेंट कराने की भी योजना बना रहा है। जिससे नए रोजगार सृजित करने के अवसरों में भी वृद्धि होगी। प्रो. ललित अवस्थी ने कहा कि एनआईटी की फैकल्टी द्वारा किए जा रहे शोध कार्यों से यह संस्थान देश के सर्वश्रेष्ठ शैक्षणिक संस्थानों में भी शुमार हो रहा है।

प्रोजेक्ट के प्रभारी एनआईटी के डा. विनोद सिंह यादव ने कहा कि पीढ़ी गढ़वाल के प्रभागीय नवाचारों, रचनात्मकता और नवाचारों के माध्यम से नवाचारों को प्रोत्साहित करने का प्रयास किया जा रहा है।

के वजन और परिवहन व्यवस्था से संबंधित कठिनाइयों को दूर करने को लेकर यह प्रोजेक्ट दिया है। उन्होंने कहा कि शीघ्र ही नए डिजाइन के साथ कुशलता से जानवरों को पकड़ने में मदद भी मिलेगी। डा. डी श्रीहर और डा. विकास कुकरशाल की टीम इस प्रोजेक्ट को परवान चढ़ा रहे हैं। वन विभाग चाहता है कि गुलदार को पकड़ने के लिए प्रयोग में लाया जाने वाला पिंजरा और जाल नए डिजाइन में हल्के वजन और मजबूत हों। साथ ही पिंजरे को ले जाने वाले वाहन को भी सुविधाजनक बनाया जाए। एनआईटी के कुलसचिव डा. धर्मेन्द्र त्रिपाठी ने अभियांत्रिकी विभाग के शोधकर्ताओं को बधाई देते हुए कहा कि विज्ञान, अभियांत्रिकी शिक्षा

एनआईटी में कई पदों के लिए नियुक्ति प्रक्रिया शुरू

श्रीनगर/एसएनबी। राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखंड में शिक्षणोत्तर कर्मचारियों के विभिन्न पदों पर नियुक्ति के लिए प्रक्रिया शुरू हो गई है।

एनआईटी के निदेशक प्रो. ललित कुमार अवस्थी ने समूह क, ख, और ग के वरिष्ठ रजिस्ट्रार, डिप्टी रजिस्ट्रार, मेडिकल असिस्टेंट, एग्जिक्यूटिव इंजीनियर, जूनियर इंजीनियर, सुपरिन्टेंडेंट, टेक्निकल असिस्टेंट, तकनीशियन, जूनियर असिस्टेंट, ऑफिस अटेंडेंट के विभिन्न पदों को भरने के लिए 16 पदों के सापेक्ष 1300 लोगों ने किया आवेदन।

चयन प्रक्रिया के अगले चरण के लिए उपयुक्त पाया गया। प्रो. अवस्थी ने बताया कि सभी पदों पर नियुक्तियों के लिए 17 मार्च से 19 मार्च के बीच अलग अलग

16 पदों के सापेक्ष 1300

लोगों ने किया आवेदन

लिखित परीक्षा का आयोजन किया गया। इसके लिए संस्थान के कंप्यूटर साइंस एंड इंजीनियरिंग विभाग को परीक्षा केंद्र बनाया गया था। प्रो. अवस्थी ने कहा कि परीक्षा को परीक्षार्थी उत्तराखंड की परीक्षा केंद्र में

पहले से तैयारी शुरू कर दी गयी थी और ऑनलाइन परीक्षा के बाद कॉपी पेकिंग में लगने वाले समय और मानव श्रम को ध्यान में रखते हुए एक विशेष सॉफ्टवेयर लिखित परीक्षा करने की योजना बनायी गयी थी।

अब सूदुर पहाड़ी क्षेत्रों के छात्रों को ऑनलाइन माध्यम से होने वाली परीक्षा देने के लिए देहरादून, दिल्ली या अन्य शहरों में नहीं जाना पड़ेगा और वे नेट, मोड, जेईई, नीट, सीपुटरी आदि परीक्षाओं के लिए परीक्षा केंद्रों पर जा सकेंगे।

एनआईटीटीटीआर चंडीगढ़ और एनआईटी साथ करेंगे काम

श्रीनगर, संवाददाता। राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) उत्तराखंड, श्रीनगर और चंडीगढ़ स्थित नेशनल इंस्टीट्यूट ऑफ टेक्निकल टीचर्स ट्रेनिंग एंड रिसर्च (एनआईटीटीटीआर) के बीच समझौता हुआ है। जिसमें एनआईटी के निदेशक प्रो. ललित कुमार अवस्थी और एनआईटीटीटीआर के निदेशक प्रो. श्याम सुन्दर पटनयाक ने सोमवार को समझौता ज्ञापन पर हस्ताक्षर किए। दोनों संस्थानों के मध्य हुए इस समझौते का मुख्य उद्देश्य पारस्परिक रुचि के आधार पर ज्ञान सृजन, अनुसंधान, नवाचार और विकास के लिए आकादमिक सहयोग करना है। इस समझौता ज्ञापन को लेकर एनआईटी निदेशक प्रो. अवस्थी ने कहा कि यह

- दोनों संस्थानों के बीच सोमवार को समझौता पत्र पर हुए हस्ताक्षर
- शोध, नवाचार आदि विषयों पर सहयोग करना है प्राथमिकता

एमओयू दोनों संस्थानों के मध्य राष्ट्रीय शिक्षा नीति 2020 के अनुरूप छात्रों के लिए बहुआयामी और अंतः विषय शिक्षा प्रदान करने, उनके कौशल और रोजगार योग्यता का विकास करने और गुणवत्तापूर्ण शिक्षा के लिए शिक्षकों का क्षमता निर्माण करने के लिए किया गया है। एमओयू में उल्लेखित नियमों और शर्तों के अनुसार एनआईटी उत्तराखंड और एनआईटीटीटीआर, चंडीगढ़ पारस्परिक हित के क्षेत्रों में आकादमिक सहयोग के लिए एक कार्यक्रम स्थापित

करने के लिए सहमत हुए हैं। जिसके अंतर्गत एनआईटीटीटीआर, चंडीगढ़ में एमटेक प्रोग्राम के लिए चलाये जा रहे पाठ्यक्रमों में एनआईटी उत्तराखंड के छात्र भी अपना पंजीकरण करा सकेंगे।

इसके अलावा एनआईटी उत्तराखंड के छात्र एनआईटीटीटीआर, चंडीगढ़ में उपलब्ध शोध एवं शैक्षणिक सामग्री, आधुनिक प्रयोगशालाओं एवं अन्य संसाधनों का भी उपयोग कर सकेंगे। प्रो. अवस्थी ने कहा कि वर्तमान समय में एनआईटी उत्तराखंड में एक सेक्टर में लगभग तीस कोर्स संचालित किये जा रहे हैं। इस समझौते के तहत दोनों संस्थाओं के छात्र अपने पाठ्यक्रम के अनुरूप एक दूसरे संस्थान में संतत कोर्स में पंजीकरण कर सकेंगे। इससे छात्रों का बहुमुखी विकास भी होगा।

एनआईटी में कुलसचिव सहित 29 पद भरे जाएंगे

संवाद न्यूज एजेंसी

14 अप्रैल को होने वाली बीओजी में लगेगी अंतिम मोहर

श्रीनगर। एनआईटी (राष्ट्रीय प्रौद्योगिकी संस्थान) को जल्द ही कुलसचिव सहित 29 अधिकारी कर्मचारी मिल जाएंगे।

एनआईटी की आगामी 14 अप्रैल को होने वाली बीओजी (बोर्ड ऑफ गवर्नेंस) में चयन पर अंतिम मोहर लगेगी। निदेशक प्रो. ललित अवस्थी

साक्षात्कार हो गया है। लिखित परीक्षा व रिक्त टेस्ट के आधार पर अभ्यर्थियों का चयन किया गया है। समूह क के पदों पर लिखित परीक्षा एवं साक्षात्कार दोनों प्रावधान रखे गए। संस्थान में कंप्यूटर साइंस एंड इंजीनियरिंग विभाग को परीक्षा केंद्र

एनआईटी-कोवैलियंस के बीच एमओयू

श्रीनगर, संवाददाता। राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखंड श्रीनगर और कोवैलियंस इंडिया प्राइवेट लिमिटेड, मोहाली चंडीगढ़ के बीच एक एमओयू साइन किया गया।

इस समझौता ज्ञापन पर एनआईटी उत्तराखंड के निदेशक प्रो. ललित कुमार अवस्थी और कोवैलियंस इंडिया प्राइवेट की ओर से नरिंदर अहलुवालिया ने हस्ताक्षर किए। प्रो. अवस्थी ने कहा उद्योग-संस्थान सहभागिता राष्ट्रीय शिक्षा नीति २०२० के मूल स्तंभों में से एक है। यह समझौता ज्ञापन इसी उद्देश्य की पूर्ति के लिए

- एमओयू से अनुसंधान को प्रोत्साहन मिलेगा
- समस्याओं को हल करने में मिलेगी मदद

किया गया है। जिससे कौशल विकास कार्यक्रमों के माध्यम से उद्योग की आवश्यकता के अनुसार छात्रों को उन्मुखीकरण प्रदान करना किया जा सके। कहा कि इस समझौता ज्ञापन से स्टार्टअप, छात्रों के इंटरनशिप और प्लेसमेंट, डिजाइन/प्रोटोटाइप बनाने के लिए नवाचार, प्रयोगशाला

सुविधाओं को साझा करने, कार्यशालाओं/अतिथि व्याख्यान, संयुक्त अनुसंधान और विकास परियोजनाओं और अनुसंधान के संयुक्त प्रकाशनों से अनुसंधान को प्रोत्साहन मिलेगा। कहा आगे चलकर इस समझौते को और विस्तार देने और इसके अंतर्गत संस्थान में सेंटर ऑफ़ एक्सीलेंस स्थापित करने पर भी विचार किया जाएगा। छात्रों को औद्योगिक समस्याओं का सामधान ढूंढने के लिए व्यापक रूप से तकनीकी सहयोग मिल सके। नरिंदर अहलुवालिया ने समझौता ज्ञापन पर हर्ष जताया।

MEDIA COVERAGE

सबसे तेज प्रधान टाइम्स

राष्ट्रीय प्रौद्योगिकी संस्थान के श्रीनगर रेशम फार्म परिसर में
द्वितीय चरण का निर्माण कार्य शीघ्र होगा शुरू

गबर सिंह भण्डारी

हरिद्वार/श्रीनगर गढ़वाल (सबसे तेज प्रधान टाइम्स)। एनआईटी के निदेशक प्रोफेसर ललित कुमार अवस्थी ने परिसर विस्तार के बारे में कहा कि उच्च शिक्षण संस्थानों में कक्षा और आंतरिक डिजाइन का छात्र के सीखने पर अनुकूल प्रभाव पड़ता है। इस बात के पुख्ता प्रमाण है कि उच्च-गुणवत्ता वाला बुनियादी ढांचा छात्रों के प्रदर्शन में सुधार के साथ ड्रॉपआउट दर को भी कम करता है। इसीलिए रेशम फार्म में शैक्षणिक ब्लॉक, कक्षाएं और प्रयोगशालाएं, मनोरंजन ब्लॉक, प्रशासनिक भवन मुख्य द्वार और इलेक्ट्रिक रूम के निर्माण का प्रावधान किया है ताकि छात्रों को बेहतर



परिकल्पना प्रधानमंत्री नरेंद्र मोदी ने वर्ष 2016-17 में की थी। इस फंडिंग का उद्देश्य भारत के प्रमुख शैक्षणिक संस्थानों को आत्मनिर्भर बनाने और पूंजीगत संपत्ति के निर्माण के लिए वित्तीय पोषण प्रदान करना है ताकि उन्हें अनुसंधान एवं विकास सहित विश्व

राशि में से एक निर्धारित राशि निर्माण कार्यों के लिए उ करना आवश्यक था। समझौते की वैधता वर्तमान वर्ष के अंत में समाप्त हो गई। इसीलिए संस्थान के योजना विकास अनुभाग के अधिकारियों ने अथक प्रयास किया

सबसे तेज प्रधान टाइम्स

राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड के श्रीनगर परिसर में शिक्षा खेल एवं अन्य क्षेत्रों में उत्कृष्ट प्रदर्शन करने वाले छात्रों को सम्मानित किया गया

सबसे तेज प्रधान टाइम्स

राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड के निदेशक प्रोफेसर ललित कुमार अवस्थी छात्रों को गुणवत्तापूर्ण शिक्षा के साथ-साथ उनके बेहतर भविष्य को लेकर कृत संकल्पित है

गबर सिंह भण्डारी

हरिद्वार/श्रीनगर गढ़वाल (सबसे तेज प्रधान टाइम्स)। राष्ट्रीय प्रौद्योगिकी संस्थान, उत्तराखण्ड के निदेशक प्रोफेसर ललित कुमार अवस्थी ने परिसर विस्तार के बारे में कहा कि उच्च शिक्षण संस्थानों में कक्षा और आंतरिक डिजाइन का छात्र के सीखने पर अनुकूल प्रभाव पड़ता है। इस बात के पुख्ता प्रमाण है कि उच्च-गुणवत्ता वाला बुनियादी ढांचा छात्रों के प्रदर्शन में सुधार के साथ ड्रॉपआउट दर को भी कम करता है। इसीलिए रेशम फार्म में शैक्षणिक ब्लॉक, कक्षाएं और प्रयोगशालाएं, मनोरंजन ब्लॉक, प्रशासनिक भवन मुख्य द्वार और इलेक्ट्रिक रूम के निर्माण का प्रावधान किया है ताकि छात्रों को बेहतर



सकता है। उन्होंने छात्रों से कहा आलोचनाओं को स्वीकारो, आशावादी दृष्टिकोण, सामंजस्य की क्षमता, आत्मविश्वास, दृढ़ निश्चय और मुदुर्भाषिता ऐसे जीवन कौशल हैं जो व्यक्ति के करियर को सवारने के साथ स्थिरता भी प्रदान करते हैं।

इस दौरान करियर काउंसलिंग एंड प्लेसमेंट सेल के प्रमुख डॉ. हरिहरन मुथुसामी ने प्लेसमेंट के लिए संस्थान का दौरा करने वाली विभिन्न औद्योगिक इकाइयों और उनकी आवश्यकताओं और अपेक्षाओं के बारे में छात्रों को विस्तारपूर्वक जानकारी दी साथ साथ प्लेसमेंट में सफलता पाने के लिए आवश्यक स्किल सेट के बारे में छात्रों को बताया। उन्होंने छात्रों से प्लेसमेंट के दौरान आने वाली मनोवैज्ञानिक और अकादमिक कठिनाइयों के बारे में बात की ताकि उन कठिनाइयों को त्वरित दूर करते हुए निदेशक महोदय के शत प्रतिशत इन केपस प्लेसमेंट के लक्ष्य को पूरा किया जा सके।

मौके पर डॉ. विकास कुकशाल, डॉ. प्रशांत तिवारी एवं करियर काउंसलिंग एंड प्लेसमेंट सेल के अन्य कर्मचारी भी उपस्थित थे।

UTTARAKHAND NEWS

राष्ट्रीय प्रौद्योगिकी संस्थान उत्तराखण्ड अपने श्रीनगर रेशम फार्म परिसर में बुनियादी ढांचे को बढ़ाने के उद्देश्य से द्वितीय चरण का निर्माण कार्य शीघ्र ही शुरू

By admin - April 1, 2023



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गबर सिंह भण्डारी श्रीनगर गढ़वाल

श्रीनगर गढ़वाल – एनआईटी के निदेशक प्रोफेसर ललित कुमार अवस्थी ने परिसर विस्तार के बारे में कहा कि “ उच्च शिक्षण संस्थानों में कक्षा और आंतरिक डिजाइन का छात्र के सीखने पर अनुकूल प्रभाव पड़ता है। इस बात के पुख्ता प्रमाण है कि उच्च-गुणवत्ता वाला बुनियादी ढांचा छात्रों के प्रदर्शन में सुधार के साथ ड्रॉपआउट दर को भी कम करता है। इसीलिए रेशम फार्म में शैक्षणिक ब्लॉक, कक्षाएं और प्रयोगशालाएं, मनोरंजन ब्लॉक, प्रशासनिक भवन मुख्य द्वार और इलेक्ट्रिक रूम के निर्माण का प्रावधान किया जा सके। उन्होंने कहा कि यह निर्माण पूर्ण रूप से उच्च शिक्षा वित्तपोषण एजेंसी (हेफा) द्वारा प्रदान की गयी वित्तीय सहायता के तहत किया जा रहा है और तीन साल के रख रखाव की जिम्मेदारी के साथ इस पूरे निर्माण कार्य के लिए



National Institute of Technology, Uttarakhand

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