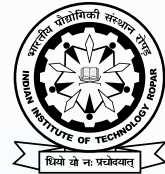




# Prajwalam

Indian Institute of Technology Ropar

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## Director's Message

Dear Friends!



I hope that 2023 brings happiness, peace and wellness to you and your loved ones. The dawn of the New Year is the best time to rejoice our accomplishments from the bygone year and to determine the direction in which we want to move for a better tomorrow. And on that note, I congratulate the

graduating students from BTech, MTech, MS, PhD and other programs, who were awarded their degrees in the 11th convocation, with which 2022 had ended for us. They will certainly go on to make significant contributions to society and to the world.

For years IIT Ropar has embarked on an educational mission that is meant to be transformative – academically, socially, and personally. “Collaboration and Innovation” are our guiding principles, which are reflected in every activity of the Institute. Moreover, our curriculum clarifies those values and standards. As you know, this month marks the start of a new year and the setting of new goals and aspirations, IIT Ropar family has set common goals to work together with determination to converge all our expertise and make optimum use of the power of technologies for the sustainable development of the Institute and the society at large. Collaborations with Industry and academia have matured in 2022 in the area of defence and security, Census Data center and joint academic programme in the field of education and research.

The Institute fosters and nurtures leaders of tomorrow who are capable of making a difference in the society. The strong faculty-student relations at IIT Ropar have also resulted in evolving and exploring innovative solutions, developing the students to face ever demanding challenges in the society.

Nestled in an ecologically invigorating ambience, IIT Ropar epitomizes a place where talent is nurtured, groomed and launched into the corporate world. The year ahead may bring new challenges and opportunities but I am confident that we will continue to excel in this journey with your continued support and our unified efforts. I once again wish you all happiness, health and success in the Year 2023.

## 11<sup>th</sup> Convocation of the Institute



The Eleventh Annual Convocation of Indian Institute of Technology, Ropar (IIT Ropar) took place in December 2022. Sh. Rajinder Gupta, Founder & Chairman, Trident Group India was the Chief Guest for this occasion.

Prof. Rajeev Ahuja, Director, IIT Ropar presented his Annual Report and congratulated the faculty, staff and students. The degrees were offered in the presence of faculty, staff, students, parents and eminent personalities. This year, 564 students graduated from various academic programmes in IIT Ropar.

The President Gold Medal and the Director Gold Medal for obtaining the highest CGPA among the graduating students of the Bachelor of Technology in the year 2021-22 was awarded to Mr. Hansin Kishore Ahuja of Computer Science and Engineering department.



Chief Guest Mr. Rajinder Gupta, who delivered the Convocation Address, shared: “We need knowledgeable leaders like you - educated experts who can help business and industry understand how to transform this information into usable intelligence, and how to move from simply collecting to tactically connecting data to make valuable insights and discoveries. You will be a critical part of the talent pool needed for the developing nation like India, to navigate the Big Data landscape effectively and to provide the analytical skills to harness it fully across many fields pertaining to industries.”

Dr. K. Radhakrishnan, Hon'ble Chairman, Board of Governors, IIT Ropar shared his words during the convocation, stating that academic excellence is the bedrock of IIT Ropar. He praised the research ecosystem at the campus, as exemplified by the research outcomes and publications.



# Major Achievements of the Institute in the Year 2022

- IIT Ropar student population has grown to 2620 students, including 1431 UG, 436 PG, 2 MS(R) and 739 PhD with 12 B.Tech- M.Tech Dual Degree students. During the last seven years from 2015-16 to 2022-23, the student's intake has increased more than 5 times-- from 124 to 395 for B.Tech., 43 to 287 for M.Sc. and M.Tech. and 53 to 160 for PhD programmes.
- There is a nearly 6 times increase in the number of female students admitted to IIT Ropar from 87 in 2015-16 to 874 in 2022-23.
- IIT Ropar has been ranked number 2 in India according to The Times Higher Education Young University Rankings 2022. The institute has secured the global rank of 81 with overall score of 48.8.
- We have been ranked 68th in Asia University Rankings among top 100 Institutions in Asia.
- IIT Ropar has ranked 22nd and stood among the top 25 of all Engineering institutes, additionally ranking 35th in the overall category as per the India Rankings 2022 conducted by the National Institutional Ranking Framework (NIRF).
- IIT Ropar stood among the top 100 with 86th rank in Times Higher Education Emerging Economies University Rankings 2022.
- IIT Ropar once again made a mark by being ranked between the brackets of 351-400 in the World in The World University Rankings 2022.
- IIT Ropar has ranked top in Graduate Quality Index as measured by Federal Reserve Bank of Minneapolis in their working paper on "The Global Distribution of college graduate quality" in which the 3300 colleges in 66 countries were evaluated.
- Heartening response from the industry was seen for the campus recruitment process that resulted in the placement of 88.49% of undergraduate students with an average package of Rs. 20.24 LPA.
- IIT Ropar's research quality and impact can be ascertained from the average citation per paper, which stands at 17.75 with an H-Index of 84. This is the highest but one among all the young generation IITs as per recent Scopus data.
- Till date, the Institute has received 362 projects so far with an outlay of Rs. 263.15 crore.
- IIT Ropar has experienced a surge in consultancy projects which has gone up to Rs. 24.41 crore with a total of 371 projects.

# Noteworthy Collaborations Through MOUs in 2022

With the defense sector: IIT Ropar collaborated with UK India Business Council, Army Training Command (ARTRAC), Bharat Dynamics Ltd. and with The Irish Institute of Digital Business (dotLAB), Dublin City to enable technologies and transform processes in the area of Aerospace, Defence sector and to encourage direct contact, cooperation, and exchanges between their faculty and administrative staff, departments, and research institutions.

With International Institutions: IIT Ropar collaborated with Dalhousie University, Nova Scotia; University of Saskatchewan, Canada; and with the South Dakota State University to foster academic exchange and cooperation between the institutions and to foster joint academic programme in the field of education and research.

With Indian Organizations and Institutions: IIT Ropar collaborated with Punjab Remote Sensing Center, SBL Speciality Coatings Private Limited; with PGIMER, Chandigarh; and with DMCH, Ludhiana to promote academic cooperation in faculty exchange, student exchange, joint research projects, exchange of scientific and teaching materials and joint conferences/workshops/lectures.

With specific focus on ASEAN & SAARC nation collaboration: IIT Ropar has entered into MoU with Sebelas Maret University Indonesia and Taipei Economic and Cultural Centre.



## News, Events & Activities

### IIT Ropar organized Nationwide Pakhwada on Discrimination and Violence against women

Indian Institute of Technology, Ropar had organized Nationwide Pakhwada on Discrimination and Violence against women (25th Nov. to 10th Dec.). Various talks and seminars were organised during the pakhwada highlighting the Acts to the elimination of violence against women. The Institute solemnly proclaimed its solidarity on the Elimination of Violence against Women and urged that every effort be made so that the various Acts made for the elimination of all forms of discrimination against women becomes generally known and respected.



### IIT Ropar participated in India-UNESCO-Africa Hackathon

IIT Ropar participated in India-UNESCO-Africa Hackathon 2022 organized by Edeil (India) Ltd for a wider reach among the African community and International community to achieve in its mission of Internationalization. About 22 countries participated in the event that brought students, educators, teachers and the research community together to serve as a facilitator and tackling community challenges. The participation of IIT Ropar along with the International students from Africa who are studying in the Institute has proved to be giant leap towards International trendsetter.



### IIT Ropar organized Technical Event METRIX 4.0

A two day [12-13 Dec 2022] technical event METRIX4.0 "4th edition of Mechanical Engineering Time for Research Ideas Exchange" was organized at IIT Ropar, by the Department of Mechanical Engineering. PhD Scholars had presented the ongoing research activities of their research group via Lab Poster Presentations and Research Talks. Dignitaries from CMTI, ISRO, DRDO, Mercedes Benz, Dassault Systems and ANSYS were giving keynote talks in the event. The main theme of the event was to bring in academia and Industry in a single stage and bridge the gap between them.



All industries and students from education institutions were welcome to participate and know the research activities happening at Department of Mechanical Engineering IIT Ropar. During the two days event, Research labs were open to the industries and other institute scholars for demonstrations.

### IIT Ropar organized International Conference with COMSYS Educational Trust Kolkata

IIT Ropar and COMSYS Educational Trust Kolkata collaborated to organize the 3rd International Conference on Frontiers in Computing and Systems (COMSYS-2022), during December 19-21, 2022, at IIT Ropar. The main objective of COMSYS-2022 was to offer the most up-to-date research and findings from scholars on the theme "Cyber-physical Systems for Real-World Applications."



### IIT Ropar is organized a workshop on "Energy Conservation"

IIT Ropar has recently started a project in collaboration with IIT Madras and Kotak Mahindra Bank named Kotak IIT Madras Save Energy Mission (KISEM). The primary objective of this project is to conduct an energy assessment for MSMEs free of cost to enhance their energy efficiency and reduce their overall carbon footprints. KISEM at IIT Ropar is aimed to serve MSME industries based out in Punjab and nearby states with Energy Efficiency and Energy Conservation. In this context, IIT Ropar had organized a workshop on "Energy Conservation" for Industries. The representatives from MSMEs were invited to attend this workshop to gain insight into the decarbonization of Indian industries.



### Collaborative Online Research Workshop with Dalhousie University, Nova Scotia, Canada

The collaborative research workshop facilitated research collaborations on civil engineering and related topics, a research team comprising individuals with expertise in the specific techniques from both the institutions had discussions on emerging areas of common interest with the most promising areas for potential collaboration.



### IIT Ropar observed "Veer Baal Diwas"

Indian Institute of Technology Ropar observed, December 26, marked as "Veer Baal Diwas" to pay homage to the courage of the Sahibzadas, the four sons of Guru Gobind Singh, the last Sikh guru, and their quest for justice. A Movie "Char Sahibzade" was screened introducing students to the historical acts of courage and patriotism of the Sahibzadas. Veer Baal Diwas is to commemorate the day Sahibzada Zorawar Singh ji and Sahibzada Fateh Singh ji attained martyrdom after being sealed alive in a wall. These two greats preferred death instead of deviating from the noble principles of Dharma.



## IIT Ropar In News

### IIT ROPAR RESEARCHERS PREDICTED SURFACE DISPLACEMENT IN 2021

A team of researchers led by Dr. Reet Kamal Tiwari, Assistant Professor in the Department of Civil Engineering at the Indian Institute of Technology (IIT) Ropar, had carried out the glacial displacement mapping for the 2021 Joshimath flood scenario as early as March 2021. During the study, Dr Tiwari and his then PhD student Dr Akshar Tripathi, who is now working as assistant professor in the Department of Civil & Environmental Engineering at IIT Patna, had predicted a large-scale surface displacement to occur in a span of two years for Joshimath town. They had used Persistent Scatterer SAR Interferometry (PSInSAR) technique using Sentinel-1 satellite data for the study. The predictions ranged between 7.5 cm to 10 cm displacement for buildings in Joshimath city, enough to cause large scale cracks in buildings, a scenario which has now become clearly evident in the last few days. The study was presented in a conference held in Lucknow on April 16, 2021, for which Tripathi was awarded the 'Best Paper Award'.



### IIT ROPAR DEVELOPS APP FOR ANGANWARI WORKERS

Indian Institute of Technology Ropar has developed a first-of-its kind user-friendly app for recording and maintaining digital records of the nutritional status of children and women. It will help in improving health and nutrition status of children belonging to poor families, who attend government-run crèches known as anganwaris in the country. Associate Professor Dr. Puneet Goyal, coordinator of the app development project team in collaboration with the district administration have developed the app named - 'SAMPAN' - which is a software for real-time monitoring of nutrition services at its anganwari centres (AWCs) and a reporting system to provide public access to data collected at the centres, in a bid to combat malnutrition. The app enables anganwari feed all nutrition-related data of children and their subsequent progress on a daily basis through their smart phones that help track their health in a more consistent and reliable manner. In addition, the app, accessible currently for authorized anganwari users of Rupnagar. There is also a lighter version 'SAMPAN-Lite' that can be used by any anganwari worker in the country. A web-dashboard with data visualization and analytics is also developed by the team for the CDPOs. The undergraduate students, who contributed in developing the app, are Sahil Verma, Sagalpreet Singh, Aman Palariya, Akhil Arya and Dilip Sharma.



## Industry-Academia Collaborations

### IIT ROPAR SIGNED MOU WITH ARTRAC

IIT Ropar and the Indian Army, jointly through ARTRAC, will establish a "Centre of Excellence" for Studies & Applied Research in defense & security at IIT Ropar. The aim of this collaboration is to leverage IIT Ropar's technical expertise and ARTRAC's operational expertise in advanced materials and manufacturing, design & development of deep learning algorithms, multipath and wireless networks, IoT, Data transmission tools, Remote sensing and forecasting, Speech recognition, Natural Language processing, Computer vision, Image processing, cyber security analytics and authentication, to name a few. IIT Ropar will also curate training programs as exchange of information on educational programmes for security practitioners of the armed forces, CAPF (Central Armed Police Forces), intelligence agencies and State Police Forces run by IIT Ropar as part of its on-campus and off-campus programmes on 'Research and Innovation'. An MoU was signed by both the organizations, under the leadership Professor Rajeev Ahuja, Director, IIT Ropar and Lt Gen S.S Mahal, PVSM, VSM, General Officer Commanding -in-Chief of the Army Training Command (ARTRAC) at IIT Ropar premises.



### IIT ROPAR COLLABORATED WITH IIT MANDI

IIT Ropar joined hands with IIT Mandi for a joint PhD programme and to share scientific-technical network between two Institutions. The initiative will expand new avenues for collaboration on sharing of graduate programs in terms of teaching and learning and to speed up research collaboration for the joint PhD program. The Institutes will also jointly organise R&D seminars, workshops, webinars, conferences, continuing education programmes. Additionally, they will also promote the exchange of students, PhD, postdoctoral scholars and faculty for teaching/training programmes. An MoU was signed by Prof. Rajeev Ahuja, Director, IIT Ropar and Prof. Laxmidhar Behera, Director, IIT Mandi.



### IIT ROPAR JOINED HANDS WITH DAYANAND MEDICAL COLLEGE AND HOSPITAL (DMCH) LUDHIANA

IIT Ropar and DMCH Ludhiana joined hands to explore clinical trials of health technologies and translational clinical research, data sharing for clinical and engineering research, creation of joint educational and research programs with both clinical and engineering aspects. This collaboration will also involve partnership in innovation and entrepreneurship driven opportunities and resources, in collaborative consulting and research projects, and last but not the least, sharing of scientific-technical network and infrastructure under the umbrella of this MoU. The faculty members of both institutes will be working on conducting research using each other's laboratories and other facilities and they will be collaborating for research work and writing relevant research papers. The MoU was signed by Prof Rajeev Ahuja, Director IIT Ropar and Dr. Gurpreet Wander, Chairman R&D, DMCH, Ludhiana.





## Awards & Recognitions

**I**T Ropar faculty Dr. Bhavesh Garg, Assistant Professor, Department of Humanities and Social Sciences was awarded "Prof. M J Manohar Rao Award" for the year 2022, given out by The Indian Econometric Society (TIES) to young economists below the age of 35 in recognition of their research.



**I**T Ropar faculty Dr. Aditya Singh Rajput, Assistant Professor, Department of Civil Engineering was conferred with the Prestigious "Outstanding Young Concrete Technologist Award 2022," by Indian Concrete Institute and UltraTech Cement for his work in the field of "Sustainable Concrete."



**I**T Ropar faculty Dr. Smruti Ranjan Behera, Associate Professor, Department of Humanities and Social Sciences was awarded with Best Paper Award at the 105th Indian Economic Association (IEA) Annual International Conference.



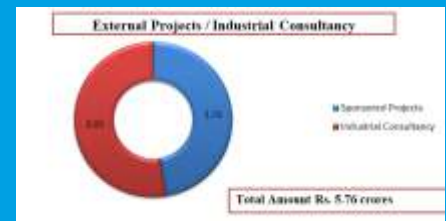
**M**s. Damanpreet Kaur, Research Scholar, Department of Physics, IIT Ropar received 2nd prize from Indian National Young Academy of Sciences (INAYAS) in the physical and Mathematical Science category during the 2nd edition of Saransh – Thesis Competition for PhD students. Saransh is an opportunity for the new generation of budding Indian scientists to communicate their research to the wider population beyond the scientific community.



## Industrial Research & Development

Sponsored Projects & Consultancy Jobs Undertaken Through R&D Unit During November-January 2023

- 25 Sponsored projects with a total sanctioned value of Rs. 26.33 Cr
- 36 Consultancy projects with a total sanctioned value of Rs. 2.45 Cr
- Total CSR funding received: 0.55 Cr



## Technology Business Incubator Foundation

**T**o foster and create value for startups, MSMEs, entrepreneurs, and other ecosystem partners, TBI has been actively trying to establish a strong startup ecosystem within the state and beyond. With that objective, numerous transformative actions have been taken. The organisation is now inviting incubation from start-ups outside of its walls in addition to faculty- and student-driven ventures. Deep tech startups in the fields of manufacturing, IoMT, IoT, AI, ML, wearable medical devices, defense and security, etc., are garnering special attention. Additionally, selected TBIF start-ups had the chance to present at Def Expo 2022. Yoboshu Private Limited, one of the firms we incubated, was recently ranked among the top 10 startups in India.



**IIT ROPAR - TECHNOLOGY BUSINESS INCUBATOR FOUNDATION (TBIF) ORGANIZED AN EXPERT TALK ON THE OCCASION OF NATIONAL STARTUP DAY 2023.**

**M**r. Rajat Jain, founder and CEO of Sunfox Technologies was invited to share his experience during a talk to observe "National Start-up Day". He is a proud entrepreneur who built his firm, which has been internationally recognized for its success, from the ground up without a strong financial background. His venture is among the few that managed to get all the sharks on board with their amazing ideas and plans on the Shark Tank.



## Infrastructure Development

The overall progress of construction & development works is at 94%. The recent completed and occupied buildings are Boys Hostel (Brahmaputra) and Electrical sub-stations number 6. Construction work of the Super Academic Block is in progress. Building services, finishing and external development works are going on.



BOYS HOSTEL OF PHASE 1-C



SUPER ACADEMIC BLOCK

## राजभाषा गतिविधियाँ

### आई.आई.टी. रोपड़ में नराकास रुपनगर की अर्धवार्षिक बैठक का आयोजन

नराकास रुपनगर की अर्धवार्षिक बैठक का आयोजन भारतीय प्रौद्योगिकी संस्थान रोपड़ में संपन्न हुआ। इस बैठक में आई.आई.टी. रोपड़ के निदेशक प्रोफेसर राजीव आहूजा विशेष आमंत्रित के रूप में निमंत्रित थे। वहीं बैठक में पर्यवेक्षक के रूप में श्री कुमार पाल शर्मा, उप निदेशक (कार्यान्वयन), राजभाषा विभाग, गृह मंत्रालय, भारत सरकार, नई दिल्ली और श्री मनमीत एस व्यास, उप महाप्रबंधक एवं अंचल प्रबंधक, यूको बैंक, चण्डीगढ़ तथा नराकास रुपनगर के अध्यक्ष श्री अमिष नाथ झा विशेष रूप से उपस्थित थे। बैठक में पर्यवेक्षक के रूप में श्री कुमार पाल शर्मा, उप निदेशक (कार्यान्वयन), राजभाषा विभाग, गृह मंत्रालय, भारत सरकार, नई दिल्ली ने नराकास रुपनगर के अंतर्गत आने वाले सभी संस्थानों/कार्यालयों/बैंकों की अर्धवार्षिक रिपोर्ट की समीक्षा की तथा आवश्यक स्थानों को इंगित करते हुए हिंदी में कार्य के अपने प्रतिशत को किस प्रकार बढ़ाया जा सकता है इसपर सभी नराकास रुपनगर के सदस्यों का मार्गदर्शन किया। इस अवसर पर आई.आई.टी. रोपड़ के निदेशक प्रोफेसर राजीव आहूजा जी ने श्री कुमार पाल शर्मा जी का स्वागत किया तथा प्रोफेसर आहूजा जी ने उपस्थित सदस्यों को संबोधित करते हुए अपने अपने कार्यालयों में हिंदी के प्रचार-प्रसार को बढ़ावा देने हेतु आवश्यक कदम उठाने की अपील की। प्रोफेसर राजीव आहूजा जी ने आई.आई.टी. रोपड़ में राजभाषा तथा हिंदी के प्रति सदस्यों के रुझानों को ध्यान में रखते हुए की गई पहलों की भी विस्तृत जानकारी सभी नराकास सदस्यों को दी। इस अवसर पर आई.आई.टी. रोपड़ के निदेशक प्रोफेसर राजीव आहूजा जी ने श्री कुमार पाल शर्मा जी का स्वागत किया तथा प्रोफेसर आहूजा जी ने उपस्थित सदस्यों को संबोधित करते हुए अपने अपने कार्यालयों में हिंदी के प्रचार-प्रसार को बढ़ावा देने हेतु आवश्यक कदम उठाने की अपील की। प्रोफेसर राजीव आहूजा जी ने आई.आई.टी. रोपड़ में राजभाषा तथा हिंदी के प्रति सदस्यों के रुझानों को ध्यान में रखते हुए की गई पहलों की भी विस्तृत जानकारी सभी नराकास सदस्यों को दी।



### हिंदी टाइपिंग के 64वें सत्र (अगस्त 2022-जनवरी 2023) के पंजीकृत सदस्यों हेतु 4 दिवसीय आंतरिक प्रशिक्षण कार्यक्रम का आयोजन

भारतीय प्रौद्योगिकी संस्थान रोपड़ के 10 सदस्य केंद्रीय हिंदी प्रशिक्षण संस्थान, नई दिल्ली द्वारा आयोजित किए जा रहे हिंदी शब्द संसाधन (हिंदी टाइपिंग) प्रशिक्षण कार्यक्रम में 64वें सत्र हेतु पंजीकृत किए गए। इस प्रशिक्षण कार्यक्रम की अवधि 01 अगस्त 2022 से जनवरी 2023 तक है तथा इसकी परीक्षा माह जनवरी 2023 में प्रस्तावित है। इस सत्र की परीक्षा को केंद्र में रखकर संस्थान के पंजीकृत सदस्यों की तैयारी को बेहतर बनाने के उद्देश्य से हिंदी प्रकोष्ठ ने दिनांक 09, 10, 14 और 15 नवंबर 2022 को 04 दिनों के आंतरिक प्रशिक्षण कार्यक्रम का आयोजन किया। इस प्रशिक्षण कार्यक्रम में प्रशिक्षक के रूप में श्री अरविंद कुमार, सहायक निदेशक, हिंदी टंकण एवं आशुलिपि प्रशिक्षण केंद्र, हिंदी शिक्षण योजना, राजभाषा विभाग, गृह मंत्रालय, भारत सरकार, चण्डीगढ़ केंद्र को आमंत्रित किया गया था। दिनांक 09 नवंबर 2022 को संपन्न आंतरिक प्रशिक्षण कार्यक्रम के प्रथम सत्र में प्रशिक्षक महोदय ने प्रशिक्षणार्थियों को हिंदी कुंजीपटल का परिचय एवं इसकी व्यावहारिकता, दिनांक 10 नवंबर 2022 के द्वितीय सत्र में मुख्य रूप से व्याकरणिक चिन्हों का अभ्यास, गति अभ्यास आदि, दिनांक 14 नवंबर 2022 के सत्र में सारणी बनाना तथा सारणी बनाते हुए ध्यान रखे जाने वाले बिंदु, विभिन्न पत्रों का टंकण आदि तथा दिनांक 15 नवंबर 2022 को हस्तलेख पर मार्गदर्शन करते हुए विभिन्न प्रूफ शोधन चिन्हों की पहचान तथा चारों सत्रों का पुनरावलोकन किया। इस आंतरिक प्रशिक्षण कार्यक्रम के चतुर्थ एवं अंतिम सत्र में संस्थान के हिंदी अधिकारी श्री लगवीश कुमार ने श्री अरविंद कुमार, सहायक निदेशक का धन्यवाद ज्ञापित किया और सभी प्रशिक्षणार्थियों को परीक्षा में उत्तम अंकों से उत्तीर्ण होने हेतु शुभकामनाएं दीं। अंत में, सभी प्रशिक्षणार्थियों ने इस 4 दिवसीय प्रशिक्षण कार्यक्रम के संबंध में अपने विचारों को अभिव्यक्त किया और सभी ने श्री अरविंद कुमार, सहायक निदेशक महोदय का बहुत ही सरलता के साथ हिंदी टाइपिंग के विविध पक्षों पर मार्गदर्शन एवं अभ्यास कराने हेतु धन्यवाद किया।





## दिनांक 06 दिसंबर 2022 को आनलाइन हिंदी कार्यशाला का आयोजन

राजभाषा विभाग, गृह मंत्रालय, भारत सरकार के दिशा-निर्देशों के अनुपालन में हिंदी प्रकोष्ठ, भा.प्रौ.सं. रोपड़ ने अक्टूबर-दिसंबर 2022 तिमाही के दौरान हिंदी कार्यशाला का आयोजन संपन्न किया। संस्थान का हिंदी प्रकोष्ठ प्रति तिमाही एक कार्यशाला का आयोजन संपन्न करता आ रहा है। इसी क्रम में, दिनांक 06 दिसंबर 2022 को आनलाइन माध्यम से हिंदी कार्यशाला का आयोजन किया गया। इस कार्यशाला का उद्देश्य संस्थान सदस्यों को हिंदी कंप्यूटिंग के विभिन्न आयामों से परिचित करना था। अतः इस विषय पर संस्थान सदस्यों का मार्गदर्शन करने हेतु श्री नरेन्द्र कुमार प्रसाद, उप निदेशक एवं मुख्य सूचना सुरक्षा अधिकारी, केंद्रीय हिंदी प्रशिक्षण संस्थान, राजभाषा विभाग, गृह मंत्रालय, भारत सरकार, नई दिल्ली को विशेष रूप से आमंत्रित किया गया था। इस कार्यशाला में संस्थान के कर्मचारियों ने बह-चढ़ कर अपनी सहभागिता दर्ज की। इस कार्यशाला के आरंभिक चरण में, संस्थान के हिंदी अधिकारी एवं संयुक्त कुलसचिव श्री लगवीश कुमार ने औपचारिक स्वागत करते हुए श्री नरेन्द्र कुमार प्रसाद जी का भारतीय प्रौद्योगिकी संस्थान की ओर से स्वागत एवं अभिवादन किया। अपने मार्गदर्शन पर वक्तव्य में श्री नरेन्द्र कुमार प्रसाद, उप निदेशक ने फॉन्ट कन्वर्टर, विभिन्न फोन्ट, वॉइस टाइपिंग आदि कई बिंदुओं पर सभी को मार्गदर्शित किया। श्री नरेन्द्र कुमार प्रसाद जी ने फोन्ट कन्वर्टर से सत्र का आरंभ करते हुए सभी के साथ विभिन्न हिंदी फोन्ट यथा रेमिंगटन, इनस्क्रिप्ट, फोनेटिक आदि का परिचय देते हुए वॉइस टाइपिंग किस प्रकार कार्य करता है इसका डेमो विस्तार के साथ समझाया। तत्पश्चात, कंठस्थ सॉफ्टवेयर के संबंध में भी जानकारी साझा करते हुए इसके भविष्यिक लाभों को भी चिन्हित किया। आमंत्रित वक्ता महोदय ने अनुवाद करते हुए दोनों भाषाओं पर समान अधिकार का महत्व पर सभी के साथ अपने विचार साझा किए। साथ ही, लिप्यंतरण और अनुवाद के अंतर को भी बहुत ही सरलता से स्पष्ट करते हुए यह भी बताया कि हिंदी कंप्यूटर की डिफोल्ट लैंग्वेज हो सकती है। इस कार्यशाला के अंतिम चरण में, संस्थान के हिंदी अनुवादक डॉ. गिरीश प्रमोदराव कठाणे ने औपचारिक धन्यवाद ज्ञापित करते हुए श्री नरेन्द्र कुमार प्रसाद जी का धन्यवाद ज्ञापित किया तथा सभी उपस्थितों को भी धन्यवाद किया। डॉ. गिरीश ने अपने विचार साझा करते हुए श्री नरेन्द्र कुमार प्रसाद जी को अपना मार्गदर्शन इसी प्रकार संस्थान सदस्यों को प्रदान करने की अभिलाषा व्यक्त की। इस कार्यशाला का संचालन डॉ. गिरीश प्रमोदराव कठाणे, हिंदी अनुवादक ने किया।



## New Joinings

### Marching Forward as a Faculty



**Dr. Rajiv Kumar**  
Assistant Professor Gr. I  
Metallurgical &  
Materials Engineering



**Dr. Santosh Kumar Meena**  
Assistant Professor Gr. I  
Chemical Engineering

### Marching Forward as a Regular Staff



**Sh. Pardeep Kumar**  
Deputy Registrar  
Research & Development



**Sh. Mukesh Kumar**  
Deputy Registrar  
Accounts & International  
Relations

### Marching Forward as a Contractual Staff



**Sh. Ajay Kumar Srivastav**  
Project Assistant  
(Accounts)  
Student Affairs



**Sh. Suryanarayan Parida**  
Consultant  
(Mass Spectrometry Facility)  
Central Research Facility



**Sh. Jagjit Singh**  
Project Engineer  
(Civil)  
Works & Estate



**Sh. Vishal Rana**  
Project Trainee  
(IT)  
IT Section



**Sh. Umesh**  
Project Trainee  
(IT)  
IT Section



**Ms. Sapna Rani**  
Project Assistant  
(Trainee)  
Research & Development



**Sh. Satbir Singh**  
Project Assistant  
(Accounts & Purchase)  
Research & Development