NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR

INSTITUTE NEWSLETTER

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Message from Director

Greetings from the National Institute of Technology Hamirpur, Himachal Pradesh!
At the outset it is a great pleasure for all of us, as it is like providing my service to the Institute I am very attached to. By publishing this newsletter we are taking a step ahead toward knowledge sharing. The current edition of the NIT Hamirpur newsletter is a humble effort to share and showcase to our members the learnings, and the insights of the research and innovation going on in the institute. I heartily congratulate all of you for keeping up with the tradition of delivering the prestigious Newsletter. Despite some bottlenecks, our learned faculty members have always been enthusiastic about the pursuit of knowledge, and through this newsletter makes a humble effort to share knowledge with peers in the field of engineering education. The NIT Hamirpur newsletter is a step forward in knowledge sharing. It is a matter of pride for the whole of the NIT Hamirpur family, as we constantly march ahead in teaching-learning, research and innovation and keep pace with all other institutes of eminence in the field of Engineering and Technology.
NIT Hamirpur has always provided regional development services through the guidance and direction of the Government of India initiatives. The faculty believed in developing intelligence from diverse sources and using the same for the upliftment of those sections of society who look up for guidance in any field. Intelligence is related to knowing something that can be confidently applied to a particular context. But new situations require new solutions, and in these times we need to work and think in new ways. This shift in stance causes a change in perspective. Changes in perspective, large or small, help us acquire knowledge.



Through this Newsletter, showcasing some of our activities, we seek to spread the word about our humble contribution to engineering education. The parameters of the NIRF ranking system are being meticulously worked upon and by the following year, we are sure to be at a higher ranking. Our valued faculty addresses the gap between what we are giving and what we are capable of giving, and once we direct all our resources and strengths, we will become what we aim for...marching towards exellence! When we feel connected to the moral purpose of our work, we develop new perspectives and begin to behave differently. Speaking of "moral purpose" teaching our students to be good human beings along with good engineers is all that defines our moral purpose.

DR. H.M. SURYAWANSHI
DIRECTOR

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Published by Faculty Incharge (News Bulletin)

Faculty Accomplishments: Inspiring leaders

Research and Development Projects

Sr. No.	Title of R&D Project/Patent	Name of Funding Agency and Amount	Name of PI (Department), Name of co-PI (Department)	Present Status of Project [Completed / Ongoing]
1	Information Security Education & Awareness (ISEA) Phase-III	Ministry of Electronics & Information Technology, GoI 2.016 Crore	Dr.T.P. Sharma Dr. Naveen Chauhan	Commencing wef April 2024
2	Experimental and Numerical Study on a Battery Thermal Management System by Mist Jet Impingement Integrated Forced-Air Convection	Empowerment and Equity Opportunities for Excellence in Science SCIENCE & ENGINEERING	Dr. Ajoy Debbarma	ONGOING
3	Understanding Flow Boiling Behaviour and Heat Transfer Enhancement with Ferrofluids under Externally Magnetic Field"	SCIENCE & ENGINEERING RESEARCH BOARD (SERB), 30 Lakhs	Dr. Ajoy Debbarma	ONGOING
4	Development of Novel WC-Cr3C2-Ni functionally graded composite coatings on Nickel-based C-263 superalloy for nuclear application	SERB, DST, New Delhi, 28.83 Lacs	Dr. Abhijit Dey, Prof. Rakesh Sehgal	ONGOING
5	DST-FIST Project (Level 2) to strengthen the research facilities in the Mechanical Engineering Department, NIT Srinagar (J&K)	DST, Govt. of India, New Delhi, 102 Lacs	Prof. M.F. Wani, Prof. Rakesh Sehgal	ONGOING
6	Design, Development, Theoretical and Experimental Study of Smart Tribological Coatings for Space Applications	DST, Govt. of India, New Delhi, 95 Lacs	Prof. M.F. Wani, Prof. Rakesh Sehgal	ONGOING
7	Eminence of Local Deity Traditions and their Influence on the Sociocultural Values of Contemporary Society: A Study of Kullu and Shimla Districts of Himachal Pradesh (ICSSR-RP-2024-530)	ICSSR and 45 Crore	Dr Manoj Sharma	ONGOING
8	Enhancing Solar Panel Reliability: Data-Driven Maintenance, Smart Strategies, and User Acceptance	UNSW Global, Australia	Dr. Mohd. Adil	ONGOING

Ph.D. Completed Period

Sr. No.	Title of Thesis	Supervision Status [Supervisor / Co-Supervisor(.)]
1	Enhancing the Performance of Intrusion Detection System Frameworks using Computational intelligence Techniques	Dr Vijay Kumar (Supervisor), Dr Basant Subha (Co-Supervisor), Dr Rajeev Kumar (Caretaker Supervisor)
2	Optimal operation of Deregulated Power Sector incorporating Renewable Energy Sources. (Awarded to Dr. Ankur Maheshwari)	Prof. Yograj Sood (Supervisor)
3	Design and implementation of power system protection scheme using hybridization of signal processing techniques	Dr. Himanshu Sharma (Supervisor), Srm Ist and Dr. Ram Niwash Mahia (Co-supervisor), Nith)
4	Estimation of Grid Voltage Parameters for Grid Integration of Distributed Generation (DG) Systems	Dr R K Jarial, Dr. R Nath Sharma
5	Modelling the Factors Influencing Traveler Behavior Towards Online Travel Purchase	Dr. Mohd. Adil
6	Factors Influencing Consumers' Adoption of Banking AI-based Chatbots: Empirical Examination Using an Integrated Theoretical Model	Dr. Mohd. Adil

Journal Papers

Sr. No.	Title of the paper	Journal Status [SCI / Scopus/ Web of SC]		Authorship
			Authors Name	[Author / Co-Author(.)]
1	An Approach to Improve Fisher-Yates Shuffling based Image Encryption using Parallelization on CPU	Scopus	Sangeeta Sharma, Aman Chauhan, Nihal Srivastava, Kritik Danya	Co-author
2	Satellite Image Classification Using Deep Learning Approach	SCI	Divakar Yadav, Kritarth Kapoor, Arun Kumar Yadav, Mohit Kumar, Arti Jain	Co-author
3	Retinal blood vessel segmentation using a deep learning method based on modified U-NET model	SCI	Sanjeewani, Arun Kumar Yadav, Mohd Akbar, Mohit Kumar, Divakar Yadav	Co-author
4	Text Summarization using Modified Generative Adversarial Network	SCI	Jyoti Srivastava, Ashish Kumar Srivastava, B Muthu Kumar and SP Anandaraj	Co-author
5	Blockchain-based User Authentication and Data-sharing Framework for Healthcare Industries	SCI-IEEE Transaction	Preeti Soni, SK Hafizul Islam, Arup Kumar Pal, Nimish Mishra, Debabrata Samanta	Author
6	Reduced lead ECG multi-label classification with higher generalization using SEResNets with self-attention	SCI-Multimedia Tools and Applications	Danish Sheikh, Himanshu Verma and Naveen Chauhan	Co-author
7	Insights into Nanomechanical and Nanotribological Characterisation of Cross-linked Polymer Nanocomposites via Molecular Dynamics Simulation	SCI	Qurat Ul In, Mohammad Farooq Wani, Rakesh Sehgal, Manjesh Kumar Singh	Co-author
8	Next-generation ecofriendly MR fluid: Hybrid GO/Fe2O3 encapsulated carbonyl iron microparticles with improved magnetorheological, tribological, and corrosion resistance properties	SCI	Sanjay Kumar, Rakesh Sehgal, MF Wani, Mukund Dutt Sharma, Umida Ziyamukhamedova, Tahir Ahmad Dar	Co-author
9	Magnetorheological study of core–shell structured carbonyl iron/2-D graphene oxide microparticles suspensions with improved sedimentation stability	SCI	Sanjay Kumar, Rakesh Sehgal, MF Wani, Mukund Dutt Sharma	Co-author

10	Investigating the Effect of GNP, ZnO, and CuO Nanoparticles on the Tribological, Rheological, and Corrosion Behaviour of Bio-based Mahua Oil	SCI	Himanshu Shekhar Gupta, Rakesh Sehgal & Mohammad Farooq Wani	Co-author
11	Fabrication and self-lubricating tribological characterisation of Cu-Ni/ TiC/CaF2 composite for railway switch slide baseplate	SCI	Chandra Shekhar, M.F. Wani, Rakesh Sehgal	Co-author
12	Influence of Soaking Time on Microstructural, Machinability, and Mechanical Properties of Al-10Si-0.3Mg Alloy Fabricated by Direct Powder Forging	SCI	Dwivedi, A., Singh, M., Ramkumar, J., Gangolu, S.,	Co-author
13	Comprehensive Analysis of Heavy Metal Aerosol Emissions and Health Risk from the Electrical Discharge Machining Process: A control and Mitigation Approach for Green Manufacturing	SCI	Gupta G. A., Singh M., Ramkumar, J., Gupta, T., Patil, S. Equal contributions	Co-author
14	Numerical Simulation and Experimental Validation on the Mechanism of Crater Evolution in Electrical Discharge Micromachining	SCI	Singh, M., Sharma, S., Ramkumar, J.,	Author
15	A comparative study of double-pass recycles type hybrid photovoltaic thermal designs,	SCI	Ajay Kumar and Prashant Dhiman	Co-author
16	Experimental Study of Reverse Flow Solar Air Heater Having Perforation and Delta Wing on Absorber Plate	SCI	Sohan Lal Sharma, Ajoy Debbarma	Co-author
17	Numerical Investigation of Reversed Flow Solar Air Heater Roughened with Circular-and Triangular-Shaped Tubes	SCI	Sohan Lal Sharma, Ajoy Debbarma	Co-author
18	Thermal Management Systems of E-Vehicle Li-Ion Battery Modules: A Comprehensive Review	ESCI	Ajoy Debbarma	Co-author
19	Experimental study of quenching progression on a heated flat dimpled surface with water jet impingement	SCOPUS	Supern Swapnil, Ajoy Debbarma	Co-author
20	Traversing the (In)Visible Territory of Schizophrenia in HOAX Psychosis Blues: An Intersection of Life Writing and Graphic Medicine in Comics	WOS/AHCI: Q1 and Scopus	Ms. Shefali and Dr Preeti Puri	Co-author

21	Techno-economic assessment of photovoltaics by predicting daily global solar radiations using hybrid ANN-PSO model	Energy Systems (Springer) Impact Factor of 2.3 Scopus	Shafqat Nabi Mughal, Yog Raj Sood & R. K. Jarial	Co-author
22	Social welfare maximization in deregulated power market incorporating wind power plants using metaheuristic algorithm	Wind Engineering Impact Factor: 1.5 Scopus	Ajay Swaroop Raturi, Raj Kumar Jarial, Yog Raj Sood, Ankur Maheshwari and Supriya Jaiswal	Co-author
23	Current Based Hybrid Protection Scheme Using Signal Processing Techniques for Utility Network with High Renewable Energy Generation	Scopus	A. Kumar, H. Sharma, and Ram Niwash Mahia	Co-author
24	Novel Four-gas Fault Interpretation Graphical Technique for Mineral Oil Transformer	SCI	Atul Jaysing Patil, Ram Naresh, RK Jarial, Hasmat Malik	Co-author
25	Power quality enhancement of dual stage three phase grid integrated SPV system using sequential neural network-based algorithm.	SCI	Vivek Kumar, Rajan Kumar &Raj Kumar Jarial	Co-author
26	Assessing the cost-effectiveness of electric trucks in Indian food supply chains	Scopus	Singh, Arush, Patil, Atul J., Sharma, Ram Naresh and Jarial, Raj K..	Co-author
27	Why do consumers consume masstige products? A self-determination theory perspective	SSCI	Shadma, S.; Adil, Mohd., Sadiq, M. & Dash, G.	Co-author
28	Examining the impact of tourists' hope, knowledge and perceived value on online hotel booking intentions	SSCI	Fazal-e-Hasan, S.M., Mortimer, G., Ahmadi, H., Adil, Mohd. & Sadiq, M.	Co-author
29	Should we or should we not? Examining travelers perceived privacy, perceived security, and actual behavior in online travel purchase	SSCI	Dogra, N. & Adil, Mohd.	Co-author
30	Consumers' Reaction to Greenwashing in the Saudi Arabian Skincare Market: A Moderated Mediation Approach	SCI	Adil, Mohd.; Parthiban, E.S.; Mahmoud, H.A.; Wu, J.-Z.; Sadiq, M. & Suhail, F.	Author
31	From thinking green to riding green: A study on influencing factors in electric vehicle adoption	SCI	Rafiq, F., Parthiban, E.S., Rajkumari, Y., Adil, Mohd., Nasir, M. & Dogra, N.	Co-author
32	Impact of memorable tourism experiences on tourists' storytelling intentions: an empirical investigation	SCOPUS	Guleria, A., Joshi, R., & Adil, Mohd.	Co-author

33	Using sustainability to shape insurance industry: development of conceptual framework	SCOPUS	Dogra, N., Adil, Mohd, & Ullah, A.	Co-author
34	Customer acceptance of smart grid technology: a bibliometric literature review	SCOPUS	Archana, Shankar, R., & Adil, Mohd.	Co-author
35	Exploring the effect of Brand Love on Brand Advocacy: The Mediating role of Brand Sacredness and Fidelity	SCOPUS	Joshi Richa & Kamboj Shampy	Author
36	A study on big data analytics and innovation: From technological and business cycle perspectives (Forthcoming)	ABDC-A, Scopus	U Sivarajah, S Kumar, V Kumar, S Chatterjee, L J.	Co-author
37	Optimizing the digital transformation capability for enhancing economic sustainability of entrepreneurial venture: The moderating role of entrepreneurial orientation	ABDC-A, Scopus	Kumar, V., Kumar, S., Chatterjee, S., & Mariani, M.	Co-author
38	Taking flight with food: Investigating the determinants of user acceptance towards drone-based food delivery services in India	ABDC-B, Scopus	Kumar, S. Singh, B., Kumar, V., Chaudhuri, R., Chatterjee, S. Vrontis, D.	Co-author
39	Hot Corrosion Behaviour of La2Ce2O7-Based Plasma-Sprayed Coating	High Temperature Corrosion of Materials SCI	S Ariharan, Milan Parchoviansky, Pushpender Singh, Pooja Rani, Rita Maurya, Anusha Sekar, Anup Kumar Keshri, Amirhossein Pakseresht	Co-author
40	A nonlinear stability analysis for magnetized ferrofluid heated from below in the presence of couple stresses for combination of different bounding surfaces.	Numerical Heat Transfer Part B: Fundamentals [SCI]	Akanksha Thakur, Sunil Kumar, Reeta Devi	Co-author
41	The effect of couple stresses on stability analysis of magnetized ferrofluid saturating a porous medium heated from below.	Journal of Porous Media [SCI]	Akanksha Thakur, Sunil, Reeta Devi	Co-author
42	The effect of rotation on ferro convection in the presence of couple stress forces in porous medium: A nonlinear analysis.	The European Physical Journal Plus [Scopus]	Akanksha Thakur, Sunil Kumar, Reeta Devi	Co-author
43	Stability analysis of thermosolutal convection in a rotating Navier-Stokes-Voigt fluid.	Zeitschrift für Naturforschung A [SCI]	Sweta Sharma, Sunil Kumar Poonam Sharma	Co-author

44	A nonlinear stability analysis of rotating Navier-Stokes-Voigt fluid heated from below.	Journal of Applied Nonlinear Dynamics [Scopus]	Sweta Sharma, Sunil Kumar Poonam Sharma	Co-author
45	Study of global stability of rotating partially ionized plasma saturating a porous medium.	Special Topics & Reviews in Porous Media - An International Journal [Scopus]	Vishal Chandel, Sunil, Poonam Sharma	Co-author
46	A Bagging Ensemble Algorithm for Seasonal Time Series Forecasting.	SN Computer Science [Scopus]	Bhupendra Kumar, Neha Yadav, Sunil	Co-author
47	A novel hybrid algorithm based on Empirical Fourier decomposition and deep learning for wind speed forecasting.	Energy Conversion and Management [Scopus]	Bhupendra Kumar, Neha Yadav, Sunil	Co-author
48	Impact of inconsistent viscosity on the stability of a rotating layer of couple stress fluid.	Chinese Journal of Physics [SCI]	Shalu Chaudhary, Amit Mahajan, Sunil	Co-author
49	Stability analysis of a couple-stress fluid with variable gravity in a porous medium for different conducting boundaries.	Special Topics & Reviews in Porous Media - An International Journal [Scopus]	Shalu Chaudhary, Reeta Devi, Amit Mahajan, Sunil	Co-author
50	Analytic study of thermohaline convective stability in a couple stress fluid.	Malaysian Journal of Science [Scopus]	Shalu Chaudhary, Reeta Devi, Amit Mahajan, Sunil	Co-author
51	Unsteady double-diffusive Brinkman–Benard convection in cylindrical enclosure saturated with hybrid bi-viscous Bingham nano liquid	European Journal of Mechanics - B/ Fluids [SCI]	Sanjalee, Y.D. Sharma, O.P. Yadav	Co-author
52	Numerical study of the influence of magnetic field and throughflow on the onset of thermo-bio-convection in a Forchheimer-extended Darcy-Brinkman porous nanofluid layer containing gyrotactic microorganisms	Journal of Porous Media, Begell House	Arpan Garg, YD Sharma, Subit K Jain and Sanjalee	Co-author

53	Impact of an Anisotropic Porous media on Thermo-bio-convection instability in presence of Gyrotactic microorganisms and heating from below	Special Topics & Reviews in Porous Media: An International Journal	Arpan Garg, YD Sharma, Subit K Jain, S Sainia	Co-author
54	ECDM: Enhanced Edge based Coupled Deformable Model for Image Segmentation in the Presence of Speckle Noise and Severe Intensity Inhomogeneity	Applied Mathematical Modelling [SCIE]	Ankit Kumar and Subit K. Jain	Co-author
55	Higher-order Galerkin finite element method for nonlinear coupled reaction-diffusion models.	Numerical Heat Transfer, Part B: Fundamentals, 1-25, 2024 (Taylor and Francis) [SCI]	Anisha Devi, OP Yadav	Co-author
56	Higher order Galerkin finite element method for (1 + 2)-dimensional generalized Benjamin–Bona–Mahony–Burger's equation: A numerical investigation	Wave Motion [SCI]	Anisha Devi, OP Yadav	Co-author
57	A smart contract-based robotic surgery authentication system for healthcare using 6G-Tactile Internet	Computer Networks [SCIE]	N Kumar, R Ali	Co-author
58	A secure blockchain-assisted authentication framework for electronic health records	International Journal of Information Technology [Scopus]	V Kumar, R Ali, PK Sharma	Co-author
59	IoV-6G+: A secure blockchain-based data collection and sharing framework for Internet of vehicles in 6G-assisted environment	Vehicular Communications	Vipin Kumar, Rifaqat Ali, Pawan Kumar Sharma	Co-author
60	Blockchain-enabled authentication framework for Maritime Transportation System empowered by 6G-IoT	Computer Networks [SCIE]	N Kumar, R Ali	Co-author

61	Parseval-Goldstein type theorems for the index ${}_2 F_1$-transform	International Journal of Applied and Computational Mathematics [Scopus]	Jeetendrasingh Maan and E. R. Negrín	Co-author
62	A Comprehensive Study of Generalized Lambert, Generalized Stieltjes, and Stieltjes–Poisson Transforms, 13(5), 283	Axioms [SCI]	Jeetendrasingh Maan and E. R. Negrín	Co-author
63	Efficient solutions for vector optimization problem on an extended interval vector space and its application to portfolio optimization	Expert Systems with Applications [SCIE, IF 8.5]	BRB Sahu, AK Bhurjee, P Kumar	Co-author
64	Portfolio Rebalancing Model Utilizing Support Vector Machine for Optimal Asset Allocation	Arabian Journal for Science and Engineering [SCIE, IF 2.9]	BRB Sahu, P Kumar	Co-author
65	Overview of nonlinear interval optimization problems	Advances in Computers [SCIE, IF 2.7]	AK Bhurjee, P Kumar, R Singh, V Yadav	Co-author
66	A practical approach to college timetable scheduler	MATHEMATICAL MODELING AND COMPUTING [Scopus]	Thakur Ranjan Kumar, Agrawal Nawin Kumar, P Kumar	Co-author
67	New exploration on approximate controllability of fractional neutral type delay stochastic differential inclusions with non-instantaneous impulse.	Mathematical Methods in the Applied Sciences [SCIE]	Om Prakash Kumar Sharma, Ramesh Kumar Vats, Ankit Kumar	Co-author
68	Well-posedness and Ulam-Hyers stability of Hilfer fractional differential equations of order (1,2] with nonlocal boundary conditions.	Bulletin des Sciences Math´ematiques[SCI]	Kanika Dhawan, Ramesh Kumar Vats, Ankit Kumar Nain, Anurag Shukla	Co-author
69	Analytical Solution for Time-fractional Cold Plasma Equations via Novel Computational Method.	International Journal of Applied and Computational Mathematics	Anjali Rao, Ramesh Kumar Vats, Sanjeev Yadav	Co-author

70	Constructing the Fractional Series Solutions for Time-fractional K-dV Equation using Laplace Residual Power Series Technique.	Optical and Quantum Electronics [SCI]	Sanjeev Yadav, Ramesh Kumar Vats, Anjali Rao.	Co-author
71	Well-posedness of a nonlinear Hilfer fractional derivative model for the Antarctic circumpolar current.	Zeitschrift f¨ur angewandte Mathematik und Physik [SCI]	Hari Mohan Srivastava, Kanika Dhawan, Ramesh Kumar Vats, Ankit Kumar Nain	Co-author
72	Interpreting crystallographic and microcrystalline structural effect for demineralization of low-grade thermal coal in multi-stage chemical leaching: A cleaner combustion approach, Powder Technology, Vol. 435, pp. 119435	SCI	Abesh Chatterjee, Payal Maiti, Hammad Siddiqi, Asmita Mishra, G. Durga Prasad, B. C. Meikap	Co-author
73	Pyrolysis of household coffee vis-à-vis tea waste: A detailed insight into physicochemical properties, kinetics, and thermodynamics study, Chemical Engineering Journal Advances, Vol. 17, pp. 100587	SCOPUS	Madhav P. Chavhan, Václav Slovák, Hammad Siddiqi, Martin Mucha	Co-author
74	A cumulative study on pyrolysis of waste motor oil exploring the design and development of a fixed-bed laboratory scale setup with emphasis on process parameter optimization, COMSOL simulation and preliminary risk assessment, Process Safety and Environmental Protection Vol. 185, pp. 1219-1231.	SCOPUS	Asmita Mishra, Hammad Siddiqi, Mayuri Sonowal, Abesh Chatterjee, Payal Maiti, B. C. Meikap	Co-author

Conference Papers

Sr. No.	Title of the paper	Conference Status [SCI / Scopus/ Web of SC]	Authors Name	Authorship [Author / Co-Author(.)]
1	Application of theory of planned behavior to assess the impact of intention of architects, designers, and engineers regarding usage of sustainable construction materials in India	Scopus	Dr. Swecha Roy	Author
2	Detecting Microservices Anti-patterns and Smells in Dynamic Environments	Scopus	Shivanshu Sharma and Sangeeta Sharma	Co-author
3	Apple Leaf Disease Prediction using modified YOLOv8 Algorithm	Scopus	Tamana and Sangeeta Sharma	Co-author
4	Topic Modelling with Latent Dirichlet Allocation (LDA) using TF-IDF and Bag of Words	Scopus	Akshay Kumar, Arun Kumar Yadav, Mohit Kumar	Co-author
5	Video Emotion Recognition using 3D-Convolutional Neural Network	Scopus	Tushar Gupta, Arun Kumar Yadav, Mohit Kumar	Co-author
6	Improving Autism Spectrum Disorder Detection in Children: Leveraging Machine Learning Methods on Questionnaire Data	Scopus	Harsh Sharma, Arun Kumar Yadav, Mohit Kumar	Co-author
7	Revolutionizing Tomato Agriculture: Leaf Disease Detection Using CNN and Its Variants	Scopus	Malika Sood, Jyoti Srivastava, Ajay Kumar Mallick	Co-author
8	Sarcasm Detection with BiLSTM Multihead Attention	Scopus	Harish Thakur, Jyoti Srivastava	Co-author
9	Machine Learning based Anxiety Detection using Physiological Signals and Context Features	Scopus	Arushi Jain, Rajeev Kumar	Co-author
10	Object Detection approach for Crop and Weed Identification based on Deep Learning	Scopus	Ankita Thakur, Sonu, Rajeev Kumar	Co-author
11	YOLO-NAS Based Deep Learning Approach for Breast Lesion Identification	Scopus	Sonu, Ankita, Rajeev Kumar, RS Badoria	Co-author

13	Fabrication and characterization of RF magnetron sputtered composite MoS2 and ZrN coatings on Ti3SiC2 max phase for space applications. paper no. 05083 (2023). http://doi.org/10.1051/e3conf/202340105083	NA	M. F. Wani, U. Ziyamukhamedova, Taseer A. Mufti, Sheikh S. Saleem, Rakesh Sehgal	Co-author
14	Design, fabrication and characterization of MoS2 Coatings for space applications using PVD magnetron sputtering. paper no. 05084 (2023). http://doi.org/10.1051/e3conf/	NA	M. F. Wani, U. Ziyamukhamedova, Taseer A. Mufti, Sheikh S. Saleem, Rakesh Sehgal	Co-author
15	Nanomechanical Behaviour of Tantalum Nitride (TaN) Coating Deposited by Magnetron Sputtering on Ti6Al7Na Alloy.	NA	Vivek Singh, Rajesh Kumar Sharma, Rakesh Sehgal	Co-author
16	Nanomechanical and Nanotribological Behaviour of Biocompatible Tantalum Nitride (TaN) Coating for Biomedical Applications.	NA	Vivek Singh, Rajesh Kumar Sharma, Rakesh Sehgal	Co-author
17	Utilizing Machine Learning for Optimal Positioning and Sizing of Distributed Generation	NA	R. Verma and Y. R. Sood	Co-author
18	Modeling and Simulation of Green Electric Vehicle Charging Station using MATLAB	IEEE and Scopus	A. Sharma, Y. R. Sood and S. Jaiswal	Co-author
19	Simulation Based Analysis of Microgrid Using Green Energy Resources	IEEE and Scopus	S. Thakur and Y. R. Sood	Co-author
20	Hybrid Energy System Simulation and Modelling Incorporating Wind and Solar Power	IEEE and Scopus	Atul Kumar, Y. R. Sood and R. N. Mahia	Co-author
21	Optimal Location of Distributed Generation for Loss Minimization by Application of Machine Learning	IEEE and Scopus	R. Verma and Y. R. Sood	Co-author

22	Power Systems Resilience Enhancement through Renewable Energy Integration: Insights and Future Directions	IEEE and Scopus	A. Kumar, Y. R. Sood and A. Maheshwari	Co-author
23	Optimal Power Flow Solution Based on Multiverse Optimizer Algorithm Incorporating Renewable Energy Sources	IEEE and Scopus	A. Maheshwari, Y. R. Sood and S. Jaiswal	Co-author
24	Power Quality Enhancement in Integrated Grid for EVs Charging Stations Using Active Filter	Scopus	Ajay Kumar, O. P. Rahi, and Ram Niwash Mahia	Co-author
25	Hybrid Energy System Simulation and Modelling Incorporating Wind and Solar Power	Scopus	Atul Kumar, Y. R. Sood, and Ram Niwash Mahia	Co-author
26	Fault Detection Method Using Signal Processing Approaches to Design a Power System Network Control Method	Scopus	Ram Niwash Mahia and O. P. Mahela	Co-author
27	Optimal Placement and Sizing of RE Generators to Minimize Loss and Improve Voltage Profile in Radial Distribution Network Using PSO	Scopus	Manish Kumar Pandey, Ram Niwash Mahia, and O. P. Mahela	Co-author
28	Quantifying Electric and Thermal Transformer Criticalities in Electric Arc Furnaces: A Fuzzy Logic-Based Analysis	Scopus	Atul Jaysing Patil, Ram Naresh, RK Jarial, Vivek Kumar, Hasmat Malik	Co-author
29	Case Study on the Deployment of Solar Photovoltaic Systems atop Tin shed and Rooftops at NIT College	Scopus	MD Hanzala Hassan, Raj Kumar Jarial, Atul Jay sing Patil, Prashant Yelpale	Co-author

22	Power Systems Resilience Enhancement through Renewable Energy Integration: Insights and Future Directions	Scopus	A. Kumar, Y. R. Sood and A. Maheshwari	Author
23	Optimal Power Flow Solution Based on Multiverse Optimizer Algorithm Incorporating Renewable Energy Sources	IEEE and Scopus	A. Maheshwari, Y. R. Sood and S. Jaiswal	
24	Power Quality Enhancement in Integrated Grid for EVs Charging Stations Using Active Filter	Scopus	Ajay Kumar, O. P. Rahi, and Ram Niwash Mahia	Author
25	Hybrid Energy System Simulation and Modelling Incorporating Wind and Solar Power	Scopus	Atul Kumar, Y. R. Sood, and Ram Niwash Mahia	
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28	Quantifying Electric and Thermal Transformer Criticalities in Electric Arc Furnaces: A Fuzzy Logic-Based Analysis		Atul Jaysing Patil, Ram Naresh, RK Jarial, Vivek Kumar, Hasmat Malik	
29	Case Study on the Deployment of Solar Photovoltaic Systems atop Tin shed and Rooftops at NIT College	NA	MD HANZALA HASSAN, Raj Kumar Jarial, Atul Jay sing Patil, Prashant Yelpale	

Sourvee Dutta

Text/Reference Book published

Sr. No.	Title of the Book with ISBN	Name(s) of Author(s)	Year of Publication	Publisher
1	Up conversion Nanoparticles (UCNPs) for Functional Applications	Kumar, V., Ayoub, I., Swart, H.C. Sehgal, R.	2023	Springer, Singapore.
2	Renewable Power for Sustainable Growth - Proceedings of ICRP 2023	Edited by Dr. Hasmat Malik, Prof. Sukumar Mishra, Prof. Yog Raj Sood, Dr. Atif, Dr. Taha Selim Ustun	2024	Springer Nature Publisher
3	Courtyard: A Social Shared Space	Sourovee Dutta, Itasha Bhattacharya	2024	Eliva Press, Europe

Book Chapter Published

Sr. No.	Title of the Chapter	Name (s) of author(s) of chapter	Title of Book	Name(s) of Editor(s)	Year of Publication	Publisher
1	Impact of Urbanization on Mental Health with Reference to Bio-Psycho-Social Theory: Directions for the Future in The Climate Change Crisis and Its Impact on Mental Health	Ruchi Joshi, Kriti Vashistha, Shraddha Tripathi, Swechacha Roy, Charu Dhankar	The Climate Change Crisis and Its Impact on Mental Health	Samanta, Debabrata, Garg, Muskan	2024	IGI Global
2	Applications of Up conversion Nanoparticles in Bio-Imaging.	Ayoub, I., Sehgal, R., Sharma, V., Sehgal, R., Swart, H.C., Kumar, V.	Up conversion Nanoparticles (UCNPs) for Functional Applications. Progress in Optical Science and Photonics,	Kumar, V., Ayoub, I., Swart, H.C., Sehgal, R.	2023	Springer, Singapore.
3	Optical and electrical switching of thermochromic metal oxide nanostructures.	Ayoub, I., Tantray, A.M., Sehgal, R., Sharma, V., Sehgal, R., Swart, H.C., Kumar, V.	Optical Properties of Metal Oxide Nanostructures. Progress in Optical Science and Photonics	Kumar, V., Ayoub, I., Sharma, V., Swart, H.C.	2023	Springer, Singapore.

4	Mass Spectroscopy in Biomedical Nanotechnology	Priyanka Mankotia, Kartikey Verma, Kashma Sharma, Vishal Sharma, Vijay Kumar, Rakesh	Analytical Techniques for Biomedical Nanotechnology	Ajeet Kaushik, Sesha S. Srinivasan, Yogendra Kumar Mishra	2023	Institute of Physics
5	Organic Material-Based Phosphors	Mushtaq, U., Sehgal, R., Sharma, V., Sehgal, R., Swart, H.C., Kumar, V.	Advanced Materials for Solid State Lighting. Progress in Optical Science and Photonics	Kumar, V., Sharma, V., Swart, H.C.	2023	Springer, Singapore
6	Rare-Earth-Doped Ternary Oxide Materials for Down-Conversion and Up conversion	Ayoub, I., Sehgal, R., Sharma, V., Sehgal, R., Swart, H.C., Kumar, V.	Advanced Materials for Solid State Lighting. Progress in Optical Science and Photonics	Kumar, V., Sharma, V., Swart, H.C.	2023	Springer, Singapore
7	Rare-Earth Doped Inorganic Materials for Light-Emitting Applications.	Ayoub, I., Sehgal, R., Sharma, V., Sehgal, R., Swart, H.C., Kumar, V.	Advanced Materials for Solid State Lighting. Progress in Optical Science and Photonics,	Kumar, V., Sharma, V., Swart, H.C.	2023	Springer, Singapore
8	Perovskite-based LEDs and lasers	Irfan Ayoub, Rishabh Sehgal, Hendrik C. Swart, Rakesh Sehgal, Vijay Kumar	Metal Oxides, Perovskite Metal Oxides	Srikanta Moharana, Tanmaya Badapanda, Santosh Kumar Satpathy, Ram Naresh Mahaling, Rajneesh	2023	Elsevier
9	Utilization of magnetic nano ferrite-based photocatalysts for elimination of organic pollutants from wastewater	Jyotendra Nath, Virender Pratap Singh, Rishabh Sehgal, Shashikant Kumar, Vijay Kumar, Rakesh Sehgal	Woodhead Publishing Series in Composites Science and Engineering, Magnetic Nano ferrites and their Composites	Susheel Kalia, Rohit Jasrotia, Virender Pratap Singh	2023	Woodhead Publishing
10	Viable defect engineering with templates into metal oxides	Irfan Ayoub, Rishabh Sehgal, Hendrik C. Swart, Rakesh Sehgal, Vishal Sharma, Vijay Kumar	Metal Oxides, Metal Oxide Defects	Vijay Kumar, Sudipta Som, Vishal Sharma, Hendrik C. Swart,	2023	Elsevier

11	Inorganic bio nanocomposites for bone tissue engineering	Priyanka Mankotia, Kashma Sharma, Vishal Sharma, Rakesh Sehgal, Vijay	Inorganic NanoSystems	Md Saquib Hasnain, Amit Kumar Nayak, Tejraj M. Aminabhavi	2023	Academic Press
12	Xanthan gum-based nanocarriers for therapeutic delivery	Urba Afnan, Kashma Sharma, Rakesh Sehgal, Vijay Kumar	Polymeric NanoSystems	Md Saquib Hasnain, Amit Kumar Nayak, Tejraj M. Aminabhavi,	2023	Academic Press
13	Inorganic NanoSystems for imaging diagnostics	Umer Mushtaq, Nisar Hussain, Irfan Ayoub, Seemin Rubab, Rakesh Sehgal, Vijay Kumar	Inorganic NanoSystems,	Md Saquib Hasnain, Amit Kumar Nayak, Tejraj M. Aminabhavi,	2023	Academic Press
14	Advantages and Disadvantages of Metal Nanoparticles	Kumar, S. Kumar, B., Sehgal, R., Wani, M.F., Kumar, D., Sharma, M.D., Singh, V., Sehgal, R., Kumar V.	Nanoparticles Reinforced Metal Nanocomposites	Tiwari, S.K., Kumar, V., Thomas, S.	2023	Springer, Singapore
15	Effects of Surface Textures on Tribological and Dynamic Characteristic Variables of Lubricated Line Contacts	Niharika Gupta, MR Pattnayak, RK Pandey, N Tandon	Recent Advances in Industrial Machines and Mechanisms. IPROMM 2022. Lecture Notes in Mechanical Engineering	Ghoshal, S.K., Samanta ray, A.K., Bandyopadhyay, S.	2024	Springer, Singapore
16	Ta(l)king Away the Trauma: Verbo-Visual Testimony and Narrative Humility in Psychiatric	Dr Preeti Puri and Ms. Shefali	Narrative Medicine: Trauma and Ethics		23rd February 2024	Vernon Press
17	Dietary diversity and malnutrition status of children in India: A Caste based analysis	Tapas Bera, Geetarani Behera and Rinshu Dwivedi	Nutrition and Food Insecurity in India: Enriching the Cycle of Research, Public Policy and Practice	Dr Jalandar Pradhan	2024 (upcoming)	Springer
18	The Meta Flex Framework: Harnessing Metacognition to Foster Psychological Flexibility and Growth	Dr. Sunder Kala Negi	Metacognition in Learning - New Perspectives	Prof. Murat Tezer		Intech Open

19	Optimal Reconfiguration of Transmission Network to Meet Load Growth for Ten Year Projected Scenario of Practical Transmission Grid	Ram Niwash Mahia, R. Yadav, N. K. Swarnkar, and O. P. Mahela	Renewable Energy Integration in Utility Grids: Advances in Power Quality, Protection, Stability and Flexibility	Om Prakash Mahela, Baseem Khan, Sanjeevikumar Padmanaban	2024	Academic Press, Elsevier
20	Novel System Protection Scheme for Power Transformers in Utility Grid to Mitigate Renewable Power Evacuation Constraints and Improve Grid Stability	Ram Niwash Mahia, O. P. Mahela, S. Chugh, and A. R. Garg	Renewable Energy Integration in Utility Grids: Advances in Power Quality, Protection, Stability and Flexibility	Om Prakash Mahela, Baseem Khan, Sanjeevikumar Padmanaban	2024	Academic Press, Elsevier
21	Fault-tolerant operation of electric vehicles	Paramjeet Singh Jamwal, Vinay Kumar and Sanjeev Singh	Electric Vehicle Components and Charging Technologies: Design, modelling, simulation and control	Sanjeev Singh; Sanjay Gairola; Sanjeet Dwivedi	2023	IET
22	Regulations and standards of electric vehicles	Rahul Arora, Paramjeet Singh Jamwal, and Ujjwal K. Kalla	Electric Vehicle Components and Charging Technologies: Design, modeling, simulation and control	Sanjeev Singh; Sanjay Gairola; Sanjeet Dwivedi	2023	IET

AWARDS

Sr. No.	Name of faculty	Name of organisation	Date	Award
1	Dr Rita Maurya	Centre for Women Development, Venus International Foundation,	02/03/24	Young Woman Researcher in Surface Engineering
2	Dr. Subit Kumar Jain	15th Conference on Dynamical Systems Applied to Biology and Natural Sciences (DSABNS 2024), Campus de Caparica, Portugal	February 06-09, 2024	Best Poster Prize

Placement (ONLY FOR TPO)

Note: To be provided by Training and Placement Officer of the Institute						
Branch	Eligible Candidates	Placed	% Placement	Total Jobs Offered	% Jobs offered to NITH	Max CTC (in lakhs)
Computer Science & Engg.	115	81	70.43	81	70.43	50
Computer Science & Engg. Dual Degree	65	51	78.46	56	86.15	47
Electronics & Comm. Engg.	103	62	58.25	66	64.08	26.6
Electronics & Comm. Engg. Dual Degree	66	35	53.03	35	53.03	20
Electrical Engg.	99	77	77.78	87	87.88	18
Mechanical Engg.	102	98	96.08	110	107.84	18
Civil Engg.	66	46	69.7	49	74.24	18
Chemical Engg.	48	46	95.83	55	114.58	23.5
Engineering Physics	22	13	59.09	9	40.91	10
Mathematics and Computing	48	30	62.5	36	75	27
Material Science Engg.	17	11	64.71	11	64.71	10
Architecture	32	32	100	32	100	12.63
M Tech	233	73	31.33	73	31.33	37.5
MBA	24	18	75	19	79.16	10

National/International conference organized

The ICCSSR Funded national conference entitled "The Global Business Behavioral Strategies for Sustainable Management Practices": ESG to SDGs (GLOS-MAN-2024), commencing from February 19th-20th, 2024. The theme of the Conference "ESG to SDG: Navigating Sustainable Business Strategies" is both timely and critical. As the world stands at the intersection of environmental, social, and economic challenges, it is imperative that businesses adopt strategies that not only drive profitability but also contribute to the well-being of the planet and its inhabitants. The agenda for the conference covers topics ranging from sustainable operations and marketing to data-driven sustainability and the integration of environmental protection into information systems. Here are some key aspects of the conference:

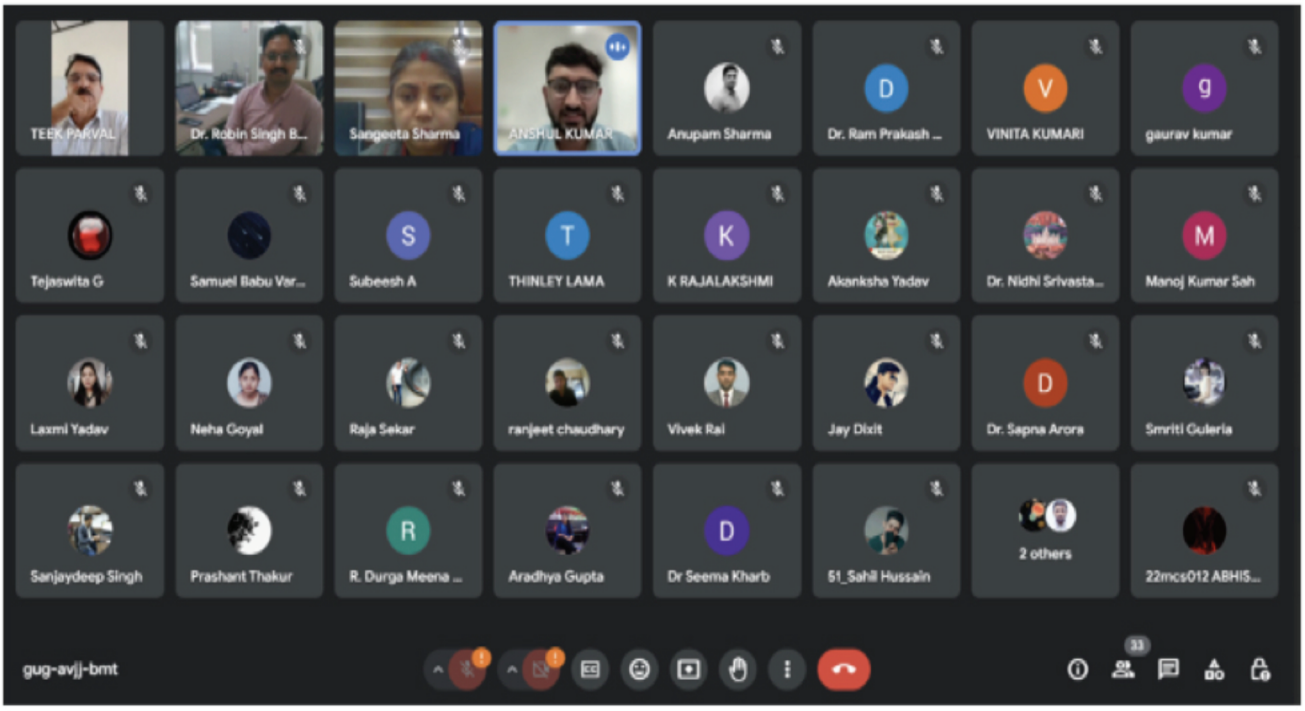
The conference will explore how businesses can adapt to the evolving landscape while ensuring the well-being of their stakeholders. Discussions will delve into the transition from Environmental, Social, and Governance (ESG) principles to the United Nations Sustainable Development Goals (SDGs). From clean energy to water sanitation, the conference will dissect strategies that align with these global objectives. How can businesses thrive while maintaining ecological balance? The conference will examine sustainable bottom lines and innovative approaches to economic growth. A sustainable workplace extends beyond profits. The conference will explore ways to restore well-being for employees and build sustainable careers within organizations. Leveraging analytics for sustainable development is crucial, and the conference will discuss how data can drive positive change.



WORKSHOPS

1. The Department of Computer Science & Engineering, NIT Hamirpur has organized five days online workshop (e-workshop) on **"Recent Advancements in Artificial Intelligence and Internet of Things (RAAI-2024)"** from 08th - 12th April 2024. The theme of the workshop is to highlight the importance of Artificial Intelligence (AI) and the Internet of Things (IoT) in different domains such as healthcare where AI-powered IoT devices can enhance patient care through continuous monitoring, early detection of health issues, and personalized treatment recommendations.

   This online workshop has provided a platform for the faculties, research scholars, students and practicing engineers to enlighten their knowledge on various advancements and innovations in AI and IoT fields. Prof. H. M. Suryawanshi, Director NIT Hamirpur was the Chief Guest and Prof. T.V. Vijay Kumar from JNU New Delhi was the Guest of Honor in the inaugural ceremony of the workshop. The workshop was chaired by Dr. Naveen Chauhan, Head of the Department of Computer Science & Engineering. The convenor of the workshop was Dr. Sangeeta Sharma, and the coordinators of the workshop were Dr. Ram Prakash Sharma, and Dr. Robin Singh Bhadoria. In this e- orkshop, more than 50 participants were enrolled from various institutions like IITS, NITs, Central Universities, and private engineering colleges across India. The workshop has provided a platform for the participants to interact with professionals working in IITS, NITs, and other reputed institutes.



National Institute of Technology Hamirpur, Himachal Pradesh

AN INSTITUTE OF NATIONAL IMPORTANCE



Five Days Online Workshop (e-Workshop)

ON

Recent Advancements in Artificial Intelligence and Internet of Things (RAAI-2024)

8th April – 12th April 2024



2. **The Art of Writing Research Articles and Scholarly Publications in English Language and Literature (SPELL):**

The Department of Humanities and Social Sciences at National Institute of Technology Hamirpur organized an e-stc on "The Art of Writing Research Articles and Scholarly Publications in English Language and Literature" from 29th January to 2nd February 2024. On 29th January at the outset of the inaugural session Dr. Preeti Puri, Assistant Professor and Coordinator welcomed Honourable Director of National Institute of Technology Hamirpur, Prof. Hiralal Murlidhar Suryawanshi, chief Guest of Honour, the worthy Registrar, Dr. Archana Santosh Nanoty, Guest of Honour Dean Faculty Welfare, Prof. Anoop Kumar, the distinguished Inaugural Keynote Speaker, Dr Nagendra Kumar, Prof. Manoj Sharma, Head Humanities and Social Sciences and Prof. Yogesh Gupta the chairman and convenor of the course. Prof. Hiralal Murlidhar Suryawanshi, Honourable Director posited that the motivation behind this e-STC lies in the idea that the process of quality research is useful if it sees the dawn of publication. This e-STC was an attempt to address the issues related to writing and communicating research papers.



3. **"Mixed Method Research in Social Science and Public Policy-1 (MMRSP-1)":** The Department has organized a 5 day e-Short Term Program (e-STP) entitled "Mixed Method Research for Social Sciences and Public Policy-1 (MMRSP-1)" (On-line) from 05-09 February 2024.

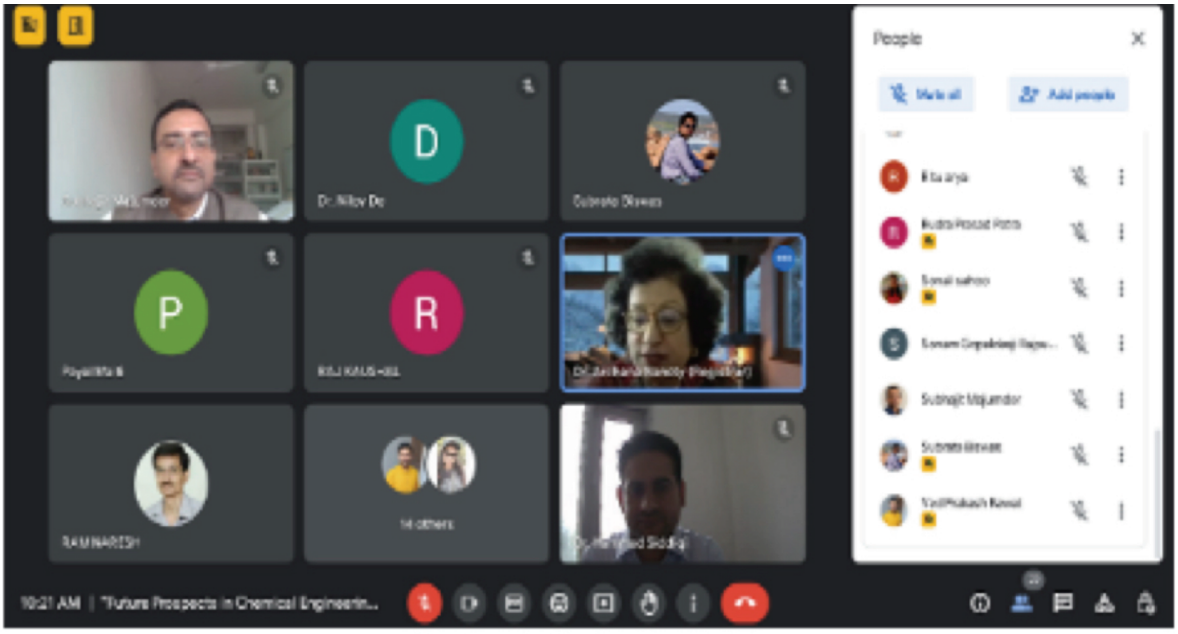
   The objective of the program was to create a platform for the faculty/researchers/-scholars/students/industry professionals from various institutions across the nation to gain knowledge on mixed method Research for Social Sciences and Public Policy as a series of workshops through lectures of eminent faculties/scientists from various national/international institutes.



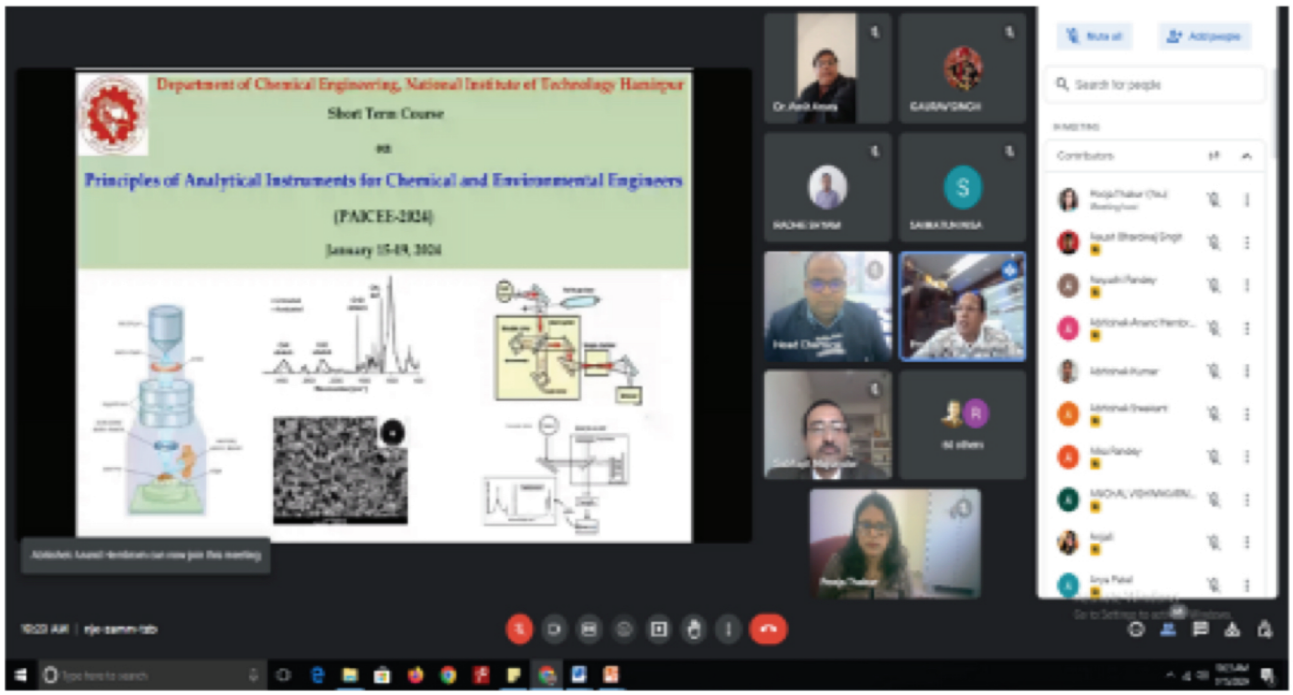
4. Department of Chemical Engineering, NIT Hamirpur organised a 5 day online short term course on **"Future Prospects in Chemical Engineering: AI/ML, Microfluids, Bioprocess Engineering and Green Technology (FPCE-2024)"** held from 01-05 April, 2024. This e-STC has provided an opportunity to explore the contemporary technological advancement in chemical engineering and its evolution in experiment and simulation research arena.

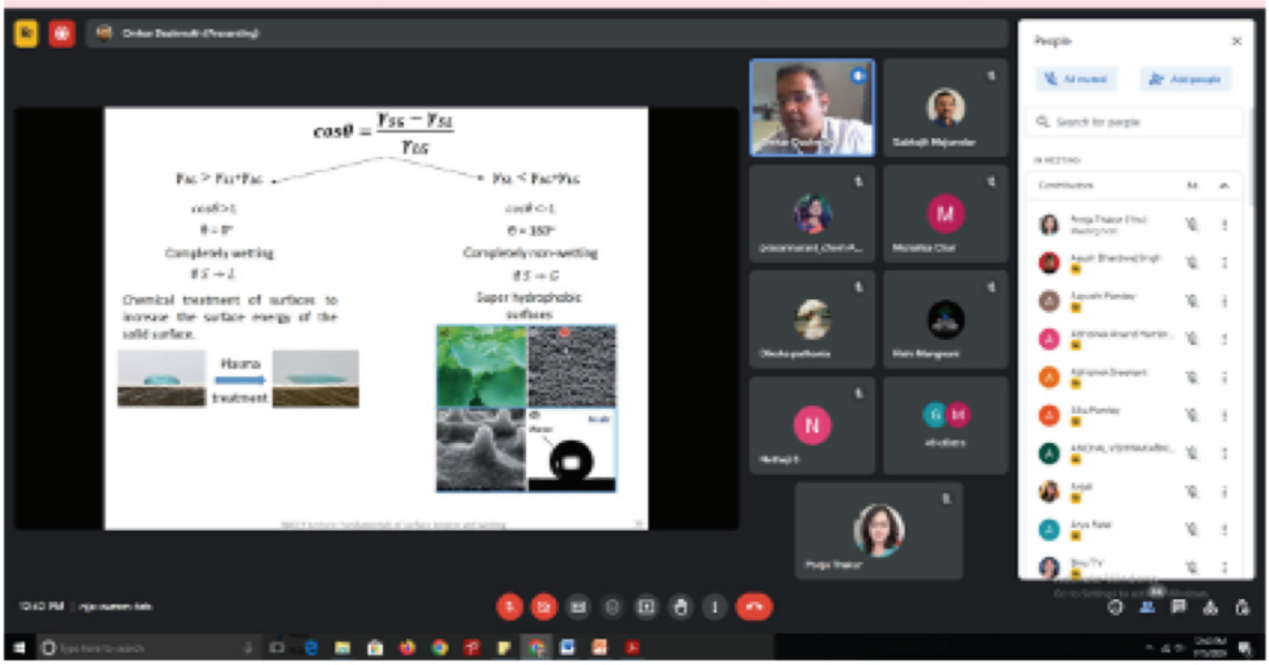
This short-term course was designed to train participants on assessing the industrial and research challenges in the are of environment, energy and medicaldiagnostics. The participants got the exposure of advanced simulation and experimental techniques like soft-lithography, device fabrication, Microscopic image analysis, and applied machine learning. Dr. Radhe Shyam was the convenor of this course. Moreover, Dr. Hammad Siddiqi and Dr. Niloy were the co-ordinators of this short term course.





5. Department of Chemical Engineering, NIT Hamirpur organised a 5 day online short term course on **"Principles of Analytical Instruments for Chemical and Environmental Engineers (PAICEE-2024) January 15-19, 2024"** Analytical methods have been an indispensable area of interest for all chemical and environmental engineers, especially those involved in the qualitative and quantitative analysis of various process streams. The experience of various analytical instruments is vital and enables them to pursue research in many areas of modern science and technology. Analytical methods are fundamental in various fields, including science, research, data analysis, and problem-solving. Conducting a workshop provides participants with the opportunity to enhance their analytical skills. In academia, research heavily relies on analytical methods to gather, process, and interpret data. Hosting an e-STC can aid researchers in refining their methodologies, ensuring the accuracy and reliability of their findings.





6. One day workshop titled **"Empowering Women: Mind, Body, and Rights"** held on 06.04.2024. Women Cell NITH organised one day interactive work- shop for the IWD which aimed to address crucial aspects of women's overall well-being, covering psychological issues, reproductive health, administra- tive perspectives/challenges, along with various awareness/ opportunities for women and girls. This initiative aimed to provide a platform for insightful discussions on pertinent topics, fostering knowledge exchange and empow- erment from top-down approach. This workshop brought together various experts who can highlight on the key issues and challenges and array of opportunities available to women along with various thrilling and fun filled student activities.

   The primary objective of these erudite discourses was to enlighten and empower diverse individuals, encompassing women and girls from various domains/areas with the major thrust on Cleaning Staff, Faculty, and other staff from NITH. This endeavour aimed to endow them with indis- pensable knowledge and tools for adeptly navigating stressors and prioritiz- ing their Mental, Physical, Economic and Social well-being. In so doing, the aspiration was to nurture a supportive and salubrious academic milieu con- ducive to the realization of individual maximal potential. To augment these endeavours, the Women Cell is extended an invitation to distinguished experts from different Institutions. The series of guest lectures, during which various subject matter experts proffered diverse enlightening sessions

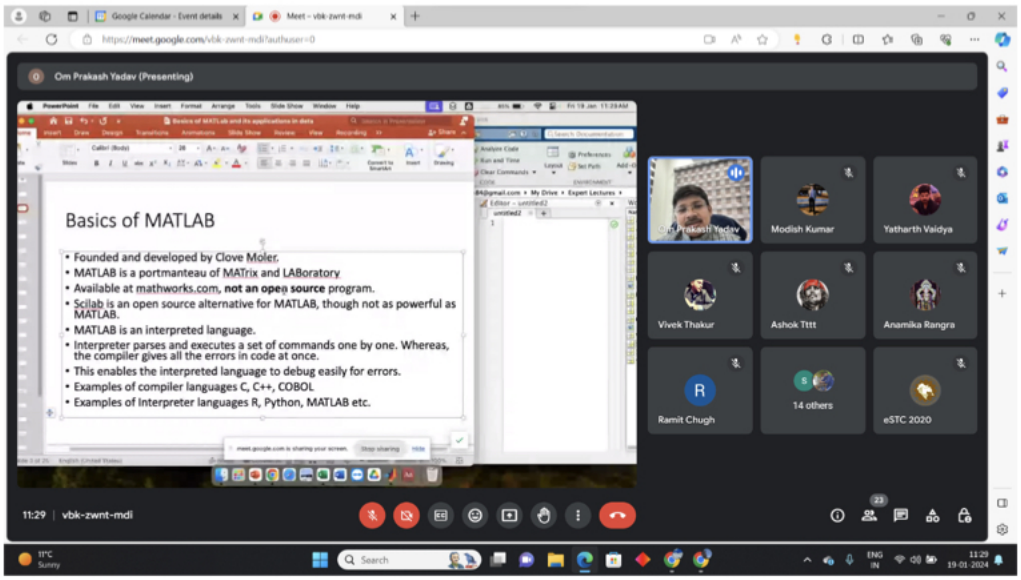
accompanied with various thrilling activities and hands-on training. "Empowering Women: Mind, Body, and Rights" aligned perfectly with the spirit of International Women's Day, and this one-day workshop contributed significantly to the well-being and empowerment of women in our community.

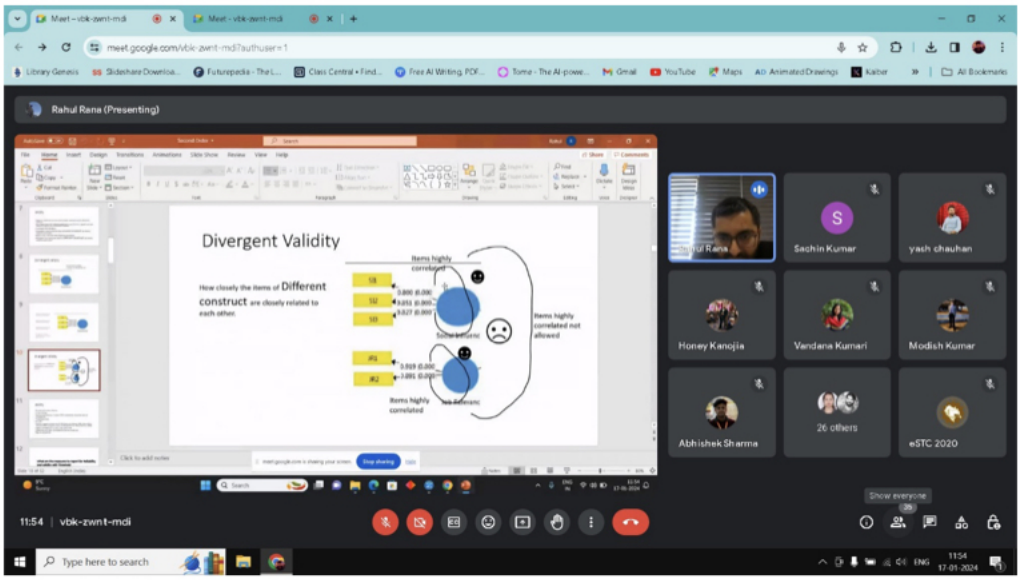
7. An online FDP titled **"Microgrid: Design, Operation, Control and Protection"** was organized by DOEE with Dr. O. P. Rahi as Convener and Dr. Chandrasekaran S and Dr. Supriya Jaiswal as Coordinators during 18-22, April, 2024. The FDP was inaugurated by our honorable Director, Prof. H. M. Suryawanshi and Dr. B. B. Sharma, HOD, DoEE on 18th April, 2024. All the sessions were handled by the experts from various top IITS/NITS.

   Around 70 participants out of which majority (51) were from other institutes attended this FDP. All sessions were well-attended by the participants and were interactive. The valedictory of this FDP was held on 22nd, April. Feedbacks recieved from the participants were highly positive.

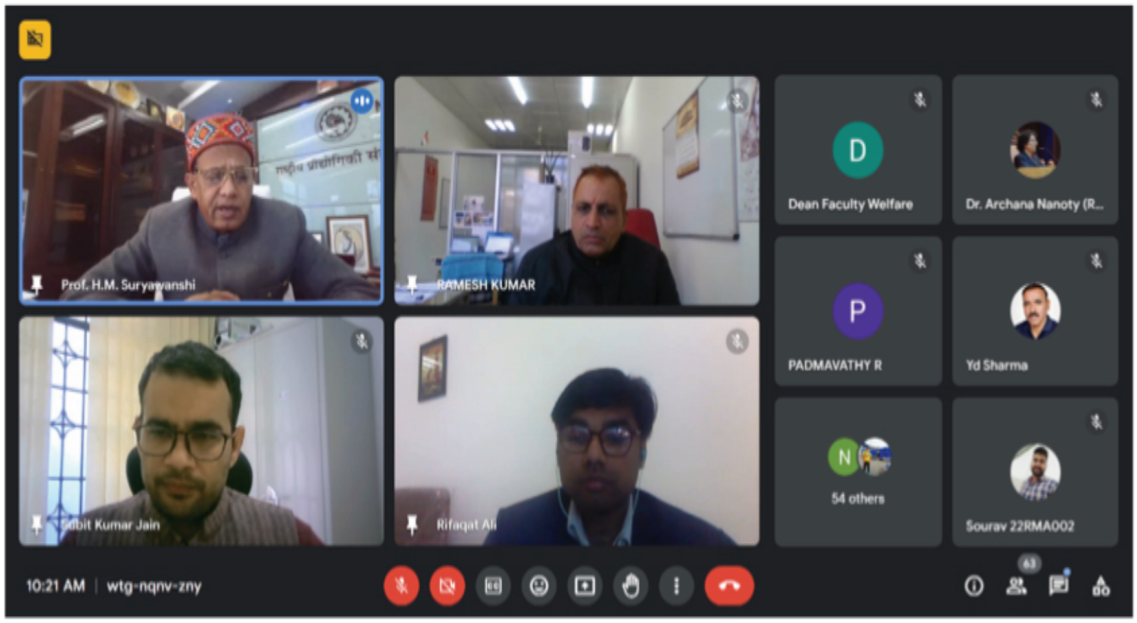


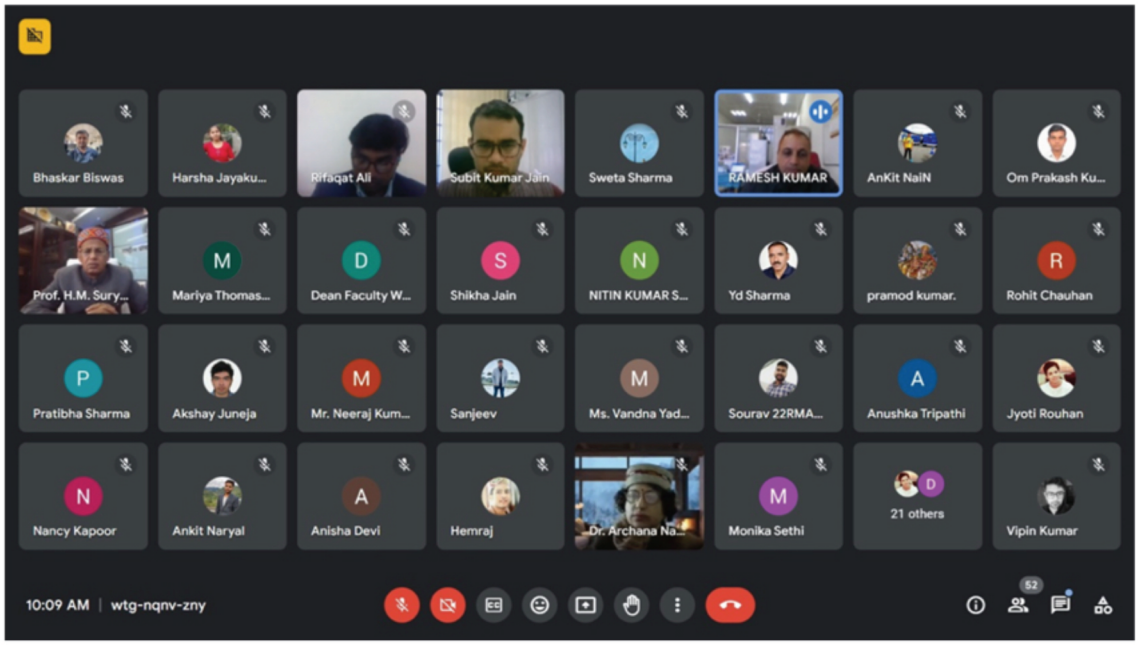
8. 5-Days e-STC on **"Applications of Multiple Analytical Techniques in Research"** was organized by Department of Management Studies, NIT Hamirpur during 15th to 19th January 2024. The STC covered various techniques which are useful in latest researches. The coverage of techniques ranged from discussion about Applications of Neural Network analysis and Application of cloud computing, big data and data mining in management research. In addition to this scale development, Systematic Literature Review, Introduction to Smart PLS and modeling and higher order constrcuts, sentiment analysis, Basics of Matlab and Python in Data Analysis were explained with sessions on software usage. The e-STC was a great success and participants were of the view that content of the workshop was unique and the knowledge shared was of great contribution to the resrach acumen of the participants.





9. The inaugural session laid blockchain's foundation, Cryptographic primitives, miners, and decentralization were found, Exploring research avenues, its transformative ground, E-commerce security challenges in the second round. Cryptanalysis intricacies in session three's dive, Simulating security, vulnerabilities thrive, Authentication failures in session four's strive, Strengthening cyber security, to thrive. Redactable blockchain's concept, session five's quest, Interconnected IoT, security's test, Elliptic Curve Cryptography, in session six's nest, Authentication protocols critiqued, blockchain's zest. Blockchain's diverse applications, session nine's show,Securing transactions, data, processes aglow, Post-quantum cryptography, quantum's shadow. Preparing for tomorrow, today's echo.





Any other information





Dr Preeti Puri

1. Attended Senate meetings as a Senate Member at the Indian Institute of Information Technology (IIIT) Una.
2. Represented NIT Hamirpur as a Faculty Collaborator at the PAN NIT Humanities and Social Sciences Research Conclave (HSSRC) - 2024 at NIT Warangal.

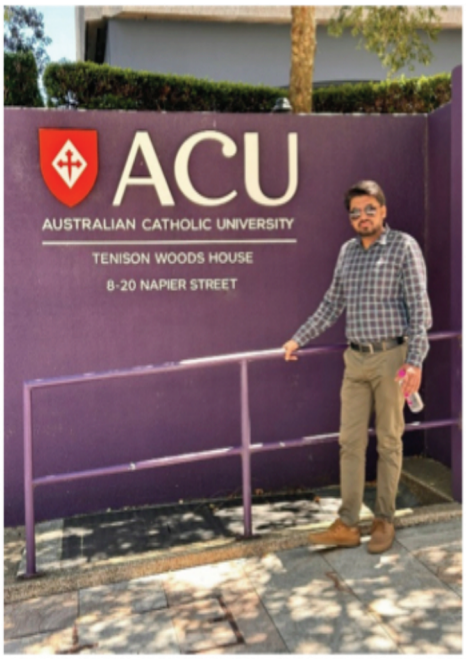
Dr. Zareena JM

1. Conducted a session on **"Role of Thinking Skills in Academic Writing: Implications for Instructional and Assessment Tasks"** for the faculty of Government ITI Joginder Nagar, Mandi, Himachal Pradesh, on 13 February 2024. This event was organized by the Department of Computer Science and Engineering at NIT Hamirpur.
2. Participated in the National Symposium on 'Routing and Rolling of Higher Education System: A National Perspective of NEP 2024,' held from 15-16 February 2024 at Madhya Pradesh Bhawan, Chanakyapuri, New Delhi. The event was organized by Abhil Bhartiya Rashtriya Shaikshik Mahasangh, the National Institute of Technology Teachers' Forum, and AICTE, with co-organizationfrom VNIT Nagpur, NIT Patna, NIT Jalandhar, NIT Raipur, NIT Nagaland, and SLIET Longowal.
3. Conducted a session on "Qualitative Research in Language" organized by the Department of English, School of Sciences and Humanities, SR University.



Dr. Mohd. Adil

In response to UNSW's invitation as a Visiting Professor to Australia, Dr. Mohd. Adil undertook a two-week visit to six universities in Melbourne, Sydney, and Canberra. He was a speaker at the "DSARG Workshop on Decision Support System for Sustainable and Resilient Infrastructure: AI-focused," organized by UNSW in Canberra. The workshop, held in hybrid mode, was attended by faculty, business executives, and students from various countries, including the USA, Turkey, Singapore, and China. This visit provided Dr. Adil the opportunity to meet Deans and Heads of various schools and disciplines, facilitating discussions on potential collaborative projects and academic activities between NIT Hamirpur and Australian universities. It was a valuable experience, allowing him to learn about a culturally diverse learning environment, enriching discussions, and exposing him to a variety of viewpoints. This exchange fostered a deeper understanding of global issues and different cultural perspectives. Consequently, the visit paved the way for NIT Hamirpur to foster international collaborations and explore revenue-generating avenues, while also offering a valuable networking opportunity.





NITH IN NEWS

विकसित भारत-2047 में युवाओं की भूमिका पर मेजबानी करेगा एन.आई.टी. हमीरपुर

उपराष्ट्रपति करेंगे संवादात्मक चर्चा, भविष्य के लिए होगा रोडमैप तैयार

हमीरपुर, 3 जनवरी (पुनीत): राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर 6 जनवरी को विकसित भारत-2047 में युवाओं की भूमिका पर एक महत्वपूर्ण आयोजन की मेजबानी करेगा। कार्यक्रम में उपराष्ट्रपति जगदीप धनखड़ मुख्यातिथि के रूप में शिरकत करेंगे, जो वर्ष 2047 के विकसित भारत के दृष्टिकोण पर एक संवादात्मक चर्चा के लिए आ रहे हैं। विकसित भारत-2047 भारत को स्वतंत्रता के 100 वें वर्ष 2047 तक एक विकसित राष्ट्र बनाने की ओर ले जाने का लक्ष्य रखता है।

प्रगति के विविध पहलुओं आर्थिक विकास, सामाजिक उन्नति, पर्यावरणीय स्थिरता और सुशासन को शामिल करते हुए विकसित भारत-2047 भारत के भविष्य के लिए एक रोडमैप है। एन.आई.टी. हमीरपुर के इस प्रतिष्ठित कार्यक्रम में उपराष्ट्रपति के साथ एक संवादात्मक सत्र होगा, जो इस दृष्टिकोण को आकार देने में युवकों की महत्वपूर्ण भूमिका पर गहराई से विचार करेगा।



इस अवसर के महत्व को बढ़ाते हुए हिमाचल प्रदेश के राज्यपाल शिव प्रताप शुक्ल तथा केंद्रीय सूचना एवं प्रसारण और युवा मामले एवं खेल मंत्री अनुराग सिंह ठाकुर भी इस कार्यक्रम में शामिल होंगे। ऐसे विशिष्ट अतिथियों की मेजबानी करना और अपने राष्ट्र के भविष्य के बारे में एक महत्वपूर्ण संवाद में शामिल होना वास्तव में एक सम्मान है।

एन.आई.टी. हमीरपुर के निदेशक प्रो. एच.एम. सूर्यवंशी ने व्यक्त किया। इस संवादात्मक सत्र में हमारे युवा छात्रों को विकसित भारत के निर्माण में सक्रिय रूप से योगदान करने के लिए सशक्त बनाने की क्षमता है। एन.आई.टी. हमीरपुर की रजिस्ट्रार डा. अर्चना नानोटी ने कहा कि संस्थान के छात्र अपनी शैक्षणिक उत्कृष्टता और नवाचार भावना के लिए प्रसिद्ध हैं। यह कार्यक्रम उन्हें गण्यमान्य नेताओं के साथ जुड़ने और भारत के उज्ज्वल भविष्य को आकार देने में मूल्यवान अंतर्दृष्टि प्राप्त करने का एक अनूठा अवसर प्रदान करता है। उधर, सचिवालय सामान्य प्रशासन विभाग भी तैयारियों में जुट हुआ है। इस संबंध में सामान्य प्रशासन विभाग की तरफ से सचिवालय में एक बैठक का भी आयोजन किया गया। बैठक में विभिन्न विभागों के अधिकारियों ने भाग लिया। इस दौरान आपसी समन्वय से सभी व्यवस्थाओं को अमलीजामा पहनाने पर चर्चा की गई।

राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर को वास्तुकला छात्रों के पंजीकरण करने की मिली मंजूरी

हमीरपुर, 9 जनवरी (ब्यूरो) : राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर को 2019 मे भर्ती हुए बी.आर्क के छात्रों के पंजीकरण के लिए भारतीय वास्तुकला परिषद, सी.ओ.ए. ने स्वीकृति प्रदान कर दी है। यह संस्थान और उसके वास्तुकला विभाग के लिए एक महत्वपूर्ण उपलब्धि है। यह बहुप्रतीक्षित स्वीकृति 5 जनवरी 2024 को माननीय उपराष्ट्रपति सहित गण्यमान्य व्यक्तियों के आगमन की तैयारियों के बीच मिली। स्वीकृति पत्र यह सुनिश्चित करता है कि 2019-20, 2020-21, 2021-22 और 2022-23 के शैक्षणिक वर्षों में भर्ती हुए बी.आर्क के छात्र अपने पाठ्यक्रम के सफल समापन पर सी.ओ.ए. में पंजीकरण कर सकेंगे। इसका अर्थ है कि वे पंजीकृत वास्तुकारों के रूप में अभ्यास करने के पात्र होंगे, जिससे उनके लिए वास्तुकला के क्षेत्र में रोमांचक करियर के द्वार खुल जाएंगे।

बता दें कि उक्त स्वीकृति को प्राप्त करने के लिए एन.आई.टी. हमीरपुर के रजिस्ट्रार के नेतृत्व में एक टीम ने अगस्त 2023 में नई दिल्ली में सी.ओ.ए. कार्यालय के सम्मुख संस्थान का मामला प्रस्तुत किया। टीम ने यह आश्वासन दिया कि वास्तुकला विभाग सी.ओ.ए. द्वारा निर्धारित सभी आवश्यकताओं को पूरा करता है। उनकी इस प्रतिबद्धता का परिणाम नवम्बर 2023 में सी.ओ.ए. टीम के निरीक्षण दौरे के रूप में सामने आया। टीम विभाग और संस्थान दोनों में उपलब्ध अत्याधुनिक सुविधाओं और बुनियादी ढांचे से अत्यधिक प्रभावित हुई।

उन्होंने वास्तुकला विभाग के समर्पण की सराहना की और निदेशक प्रो. एच.एम. सूर्यवंशी तथा रजिस्ट्रार डा. अर्चना नानोटी के पंजीकरण के मुद्दे को हल करने के लिए किए गए प्रयासों की प्रशंसा की।

NIT को Architecture छात्रों के पंजीकरण की मंजूरी मिली

कंचन शर्मा/ देवभूमि मिरर

हमीरपुर। प्रौद्योगिकी संस्थान (एनआईटी) हमीरपुर को 2019 से भर्ती हुए B.Arch छात्रों के पंजीकरण के लिए भारतीय वास्तुकला परिषद, सीओए (CoA) ने स्वीकृति प्रदान कर दी है। यह संस्थान और उसके वास्तुकला विभाग के लिए एक महत्वपूर्ण उपलब्धि है। यह बहुप्रतीक्षित स्वीकृति 5 जनवरी, 2024 को भारत के माननीय उपराष्ट्रपति सहित गणमान्य व्यक्तियों के आगमन की तैयारियों के बीच मिली। इस निर्णय ने एनआईटी हमीरपुर समुदाय में खुशी की लहर दौड़ा दी और सभी का उत्साह बढ़ा दिया स्वीकृति पत्र यह सुनिश्चित करता है कि 2019-20, 2020-21, 2021-22 और 2022-23 के शैक्षणिक वर्षों में भर्ती हुए B.Arch छात्र अपने पाठ्यक्रम के सफल समापन पर सीओए में पंजीकरण कर सकेंगे। इसका अर्थ है कि वे पंजीकृत वास्तुकारों के रूप में अभ्यास करने के पात्र होंगे, जिससे उनके लिए वास्तुकला के क्षेत्र में रोमांचक कैरियर के द्वार खुल जाएंगे। इस स्वीकृति को प्राप्त करने के लिए, एनआईटी हमीरपुर के रजिस्ट्रार के नेतृत्व में एक टीम ने अगस्त 2023 में नई दिल्ली में सीओए कार्यालय के सम्मुख संस्थान का मामला प्रस्तुत किया। टीम ने यह आश्वासन दिया कि वास्तुकला विभाग सीओए द्वारा निर्धारित सभी आवश्यकताओं को पूरा करता है। उनकी इस प्रतिबद्धता का परिणाम नवंबर 2023



में सीओए टीम के निरीक्षण दौरे के रूप में सामने आया। टीम विभाग और संस्थान दोनों में उपलब्ध अत्याधुनिक सुविधाओं और बुनियादी ढांचे से अत्यधिक प्रभावित हुई। उन्होंने वास्तुकला विभाग के समर्पण की सराहना की और निर्देशक प्रोफेसर एच.एम. सूर्यवंशी तथा रजिस्ट्रार डॉ. अर्चना नानोटी के पंजीकरण के मुद्दे को हल करने के लिए किए गए प्रयासों की प्रशंसा की। सीओए की स्वीकृति एनआईटी हमीरपुर के वास्तुकला विभाग द्वारा बनाए गए उच्च मानकों को प्रमाणित करती है। यह संस्थान की अपने छात्रों को उच्चतम गुणवत्ता की शिक्षा प्रदान करने और उन्हें वास्तुकला के क्षेत्र में सफल करियर के लिए तैयार करने की अटूट प्रतिबद्धता का प्रमाण है।

बड़े सपने देखें, चुनौतियों का सामना करें और भारत को प्रगति की राह पर ले जाएं : उपराष्ट्रपति

हमीरपुर/देवभूमि मिरर।



हमीरपुर। राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) हमीरपुर माननीय उपराष्ट्रपति श्री जगदीप धनखड़ के जोशीले भाषण से प्रेरणा से भर गया। विकसित भारत@2047 में युवाओं की भूमिका शीर्षक वाला यह संवादात्मक सत्र भारत की शताब्दी वर्ष तक एक विकसित भारत के निर्माण के लिए एक आह्वान है । राष्ट्र के भविष्य को आकार देने में युवा मन की महत्वपूर्ण भूमिका पर जोर देते हुए धनखड़ ने एनआईटी हमीरपुर की सराहना की। उन्होंने छात्रों, शिक्षकों और प्रशासन को उनकी शैक्षणिक उत्कृष्टता, अनुसंधान कौशल और नवाचार को बढ़ावा देने के लिए उनके समर्पण के लिए बधाई दी। उपराष्ट्रपति ने कहा कि एनआईटी हमीरपुर के रजिस्ट्रार और निदेशक के बीच मजबूत सहयोग संस्थान की सफलता का एक महत्वपूर्ण कारण है। उन्होंने छात्रों से आग्रह किया कि वे 'बड़े सपने देखें, चुनौतियों का सामना करें और भारत को प्रगति की राह पर ले जायें।' धनखड़ ने आगे कहा कि वर्तमान भारत के लिए आकाश सीमा नहीं है और हम हाल ही में हुए चंद्र, मंगल मिशन और आज के दिन आदित्य-एल-1 उपग्रह की सफलता का जश्न मना रहे हैं। उन्होंने 2030 तक भारत को 5 ट्रिलियन डॉलर की अर्थव्यवस्था बनाने का महत्वाकांक्षी लक्ष्य निर्धारित किया, जो कई विकसित देशों को पीछे छोड़ देगा। उन्होंने एनआईटी हमीरपुर के छात्रों को नए संसद भवन का दौरा करने का निमंत्रण भी दिया। उपराष्ट्रपति ने संस्थान की दिल्ली यात्रा के दौरान एनआईटी हमीरपुर और भारतीय विधि मामलों की परिषद के बीच भविष्य के समझौता ज्ञापन की संभावना की भी घोषणा की। धनखड़ ने विकसित भारत के निर्माण में महिलाओं की शक्ति पर जोर दिया। उन्होंने छात्रों को असफलता के डर को दूर करने के लिए प्रोत्साहित किया 7 उन्होंने भारतीय व्यवसायों और निगमों से अनुसंधान और विकास, स्टार्ट-अप और प्लेसमेंट के लिए भारतीय विश्वविद्यालयों में निवेश करने का आग्रह किया। इस कार्यक्रम में सम्मानित अतिथियों की प्रेरणादायक प्रतिबद्धताओं को भी देखा गया ।

अमर उजाला

एप डाउनलोड करें

हमीरपुर। राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर में 6 जनवरी को उपराष्ट्रपति जगदीप धनखड़ युवाओं से संवाद करेंगे। एनआईटी हमीरपुर विकसित भारत @2047 में युवाओं की भूमिका पर विषय आयोजित कार्यक्रम की मेजबानी करेगा। संस्थान ने उपराष्ट्रपति जगदीप धनखड़ की स्वागत की तैयारियां शुरू कर दी हैं। संस्थान के 610 विद्यार्थी इस कार्यक्रम का हिस्सा बनेंगे। इस कार्यक्रम की थीम विकसित भारत @2047 भारत है। एनआईटी हमीरपुर की रजिस्ट्रार डॉ. अर्चना ननोटी ने कहा कि संस्थान के विद्यार्थियों के लिए यह सुनहरा मौका है। सैकड़ों छात्रों को उपराष्ट्रपति से संवाद करने और उनके विचारों सुनने का प्रत्यक्ष मौका मिल रहा है। उन्होंने कहा कि विकसित भारत @2047 भारत देश की आजादी के 100वें वर्ष (वर्ष 2047 तक) एक विकसित राष्ट्र बनाने की ओर ले जाने का लक्ष्य रखता है। प्रगति के विविध पहलुओं आर्थिक विकास, सामाजिक उन्नति, पर्यावरणीय स्थिरता और सुशासन को शामिल करते हुए यह भारत के भविष्य के लिए एक रोडमैप है। एनआईटी हमीरपुर के इस कार्यक्रम में उपराष्ट्रपति के साथ एक संवादात्मक सत्र होगा, जो इस दृष्टिकोण को आकार देने में युवकों की महत्वपूर्ण भूमिका पर गहराई से विचारों पर आधारित होगा। इस अवसर पर प्रदेश के राज्यपाल शिव प्रताप शुक्ल तथा केंद्रीय सूचना एवं प्रसारण और युवा मामले एवं खेल मंत्री अनुराग सिंह ठाकुर भी शामिल होंगे। एनआईटी हमीरपुर के निदेशक प्रोफेसर एचएम सूर्यवंशी ने कहा कि इस संवादात्मक सत्र में युवा विद्यार्थियों को विकसित भारत के निर्माण में सक्रिय रूप से योगदान करने के लिए सशक्त बनाने का अवसर है।

एनआईटी हमीरपुर ने किया 2024 कैलेंडर का अनावरण



कंचन शर्मा/देवभूमि मिरर

हमीरपुर। राष्ट्रीय प्रौद्योगिकी संस्थान हमीरपुर (एनआईटी हमीरपुर) ने वर्ष 2024 के लिए अपने आधिकारिक कैलेंडर का अनावरण किया' कैलेंडर का अनावरण एनआईटी हमीरपुर के निदेशक प्रोफेसर एच.एम. सूर्यवंशी और एनआईटी हमीरपुर के रजिस्ट्रार डॉ. अर्चना नानोटी ने किया। यह कैलेंडर प्रमुख रूप से विकसित भारत @2047 के राष्ट्रीय दृष्टिकोण को दशार्ता है, जो एनआईटी हमीरपुर की एक तकनीकी रूप से उन्नत और आत्मनिर्भर भारत के निर्माण की प्रतिबद्धता को प्रदर्शित करता है। कैलेंडर केवल तारीखों का संग्रह नहीं प्रोफेसर सूर्यवंशी ने जोर देते हुए कहा यह एनआईटी हमीरपुर की अडिग भावना का प्रमाण है, जहां समर्पण, नवाचार और सहयोग द्वारा अभूतपूर्व उपलब्धियों का मार्ग प्रशस्त करते हैं। प्रोफेसर सूर्यवंशी और डॉ. नानोटी ने इस अवसर पर छात्र, शिक्षक और कर्मचारियों को हार्दिक शुभकामनाएं दी हैं। उन्होंने उम्मीद जताई कि आने वाले वर्ष में संस्थान नए मुकाम हासिल करेगा, जो उसके शिक्षक, कर्मचारी और छात्रों के सामूहिक समर्पण से संचालित होगा।

STUDENT ACHIEVEMENTS



Divyansh Tripathi
20BEC008

We commend Mr. Divyansh Tripathi, Roll No. 20BEC008, of the Electronics and Communication Engineering Department, for achieving an impressive All India Rank (AIR) of 75 in the Graduate Aptitude Test in Engineering (GATE) for Data Science and Artificial Intelligence (DSAI). This remarkable feat not only demonstrates his deep knowledge and dedication but also highlights his commitment to academic excellence and professional growth.

Mr Tripathi's achievement opens doors to exciting opportunities in the rapidly evolving field of data science and artificial intelligence, positioning him as a valuable contributor to technological advancements. We congratulate him on this outstanding success and look forward to witnessing his continued excellence and contributions in the future.



Garima
20BCE018

It brings us immense pleasure to announce that Garima, Roll no. - 20BCE018, from the Department of Civil Engineering will be pursuing a major in Civil and Environmental Engineering with a focus on Water Resources Engineering. She has been accepted into the following esteemed universities:

University of California, Berkeley
Georgia Tech
Texas A&M University
University of Illinois Urbana-Champaign
University of California, Davis

This opportunity highlights her unwavering dedication to advancing knowledge and innovation in the field of water resources. She is eager to contribute to sustainable solutions and positive environmental impact through her studies which is the dire need of the world at the moment.



Saubhagya Pandita
20BME023

With great pride, we announce that Saubhagya Pandita, Roll no. - 20BME023, from the Department of Mechanical Engineering, has been accepted into the University of Washington, Seattle and the University of California, Davis for an MS in Mechanical Engineering.

This opportunity displays his strong spirit for further innovation along with a thirst for practically implementable knowledge. We wish him luck in his future endeavours and eagerly anticipate an enormous array of exceptional accomplishments waiting to be unlocked.



Plaksha Sharma
20BEE039

We are pleased to extend our congratulations to Plaksha Sharma, with Roll number 20BEE039, from the Department of Electronics and Communication engineering, for securing a summer internship under the guidance of Professor Sourajeet Roy in the Computational Modelling and Simulation (CMAS) lab at IIT Roorkee. Plaksha will be undertaking a project related to machine learning and neural networks during her internship.

This opportunity presents an exciting chance for Plaksha to delve into the world of computational modelling and simulation under the mentorship of Professor Sourajeet Roy.



Noel Kankipati
20BME004

We take great pride in the achievements of Noel Kankipati, Roll No. - 20BME004 from the Mechanical Engineering Department who procured admission in the MS (Research) program of the prestigious college Indian Institute of Technology, Delhi (IIT Delhi) in Mechanical Engineering with specialization in Thermofluidics.

He was also offered admission to PhD in Mechanical Engineering with a specialization in thermofluidics at the Indian Institute of Technology, Kanpur as well. His accomplishments reflect his unwavering determination towards research and innovation. Mr Noel continuously strives towards betterment and excellence. We wish him luck in his future endeavours.



Simar Dhingra
20BEC036

A remarkable feat was achieved by Simar Dhingra, Roll No. - 20BEC036 from the Department of Electronics and Communication Engineering when she was placed in Tata Electronics, Taiwan. She will be working on the Semi Fab project of Tata Electronics which involves making chips in India. Her job placement in such a crucial project serves as a source of inspiration for many.

With many students thriving for foreign placements, she has set a milestone in the college's history and sparked dreams in the eyes of many juniors. Her achievements originate from her continuous efforts, inquisitiveness, curiosity and enthusiasm. We await to witness many wonders that are in line in her promising future.



Vansh Thakur
20BEE028

We are delighted to congratulate Vansh Thakur, with Roll number 20BEE028, from the Department of Electrical Engineering, for his remarkable achievement of being accepted into the MS program in Electrical and Computer Engineering (ECE) at both the University of Michigan, Ann Arbor, and Northeastern University, Boston.

This outstanding accomplishment reflects Vansh's dedication and hard work in his field of study. Being accepted into these prestigious institutions promises to be a significant milestone in his academic and professional journey, offering him opportunities to further his expertise and engage with cutting-edge research and technology.



Shreyansh Sharma
21BCH003

Mr. Shreyansh Sharma, Roll No. 21BCH003, of the Chemical Engineering Department, achieved a daunting All India Rank (AIR) of 383 in the Graduate Aptitude Test in Engineering (GATE) for Chemical Engineering (CH).

We congratulate him for his exceptional success in the GATE examination despite being in just his third year. Humongous achievements await him as he transitions into the pinnacle of academic excellence by turning into a final-year student now. We wish him success in his future endeavours and look forward to witnessing his long list of upcoming achievements.



Swastik Sharma
21BCE032

We are thrilled to extend our warmest congratulations to Mr Swastik Sharma, Roll No. 21BCE032 from the Electrical Engineering Department, for his acceptance into the Google Summer of Code 2024 (GSoC '24) program under the AboutCode organisation wherein he will be working on the scancode-toolkit developed by the AboutCode organisation.

His ardent efforts in developing and acceptance into this prestigious program reflect not only his technical expertise but also his abilities to collaborate, innovate, and make a positive impact in the software community.



Ashmit JaiSarita Gupta
21BPH025

We extend our heartfelt appreciation to Mr. Ashmit JaiSarita Gupta, Roll No. 21BPH025, from the Department of Physics & Photonics Science, for his remarkable achievements. Mr. Gupta's standout accomplishment includes being selected for the prestigious Google Summer of Code 2024 at AsyncAPI Initiative, a testament to his exceptional skills and dedication to innovation.

Additionally, his active participation in the 11th NYUAD International Hackathon for Social Good underscores his commitment to leveraging technology for positive societal impact. Mr. Gupta's remarkable achievements not only highlight his technical proficiency but also his passion for using technology as a catalyst for positive change. We commend him for his outstanding contributions and eagerly anticipate his continued success in driving meaningful advancements in the realms of technology and social innovation.



Arshita Mehta
21BAR011

We are pleased to congratulate Arshita Mehta (Roll No. 21BAR011) from the Department of Architecture for her acceptance into the SPARK internship program at IIT Roorkee. Under the guidance of Professor Gaurav Raheja and as a member of the Laboratory of Inclusive Design (LID), Arshita will be engaged in research focused on inclusivity in real estate systems.

Learning about human-centric designs and understanding their importance and impact is surely going to be a valuable and enriching experience for her.



Ananya Arora
21BAR008

With great enthusiasm, we extend our congratulations to Ananya Arora (Roll No. 21BAR008) from the Department of Architecture for securing a summer internship under the SPARK Internship program at the Indian Institute of Technology Roorkee.

Under the guidance of Professor Smriti Saraswat, learning about heritage and vernacular architecture is surely going to be a fruitful experience.



Shubhansh Verma
22BCH064

It brings us immense pleasure to congratulate Shubhansh Verma, 22BCH064 from the Department of Chemical Engineering and Manav Yadav, 22BEC058 from the Department of Electronics and Communication Engineering, for their internships at the National Institute of Technology, Delhi (NIT Delhi) under Dr Harish Kumar wherein they are working on 3D printing polymers.

They are excellent examples of early prodigies, venturing into the fields of research and innovation at the early stages of their careers. They have just completed their second year in engineering and have shown promising capabilities. We congratulate them for their achievements and wish them a bright future ahead.



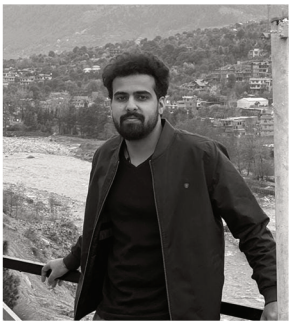
Manav Yadav
22BEC058



Akshun Kuthiala
21BCS020

We would like to extend our heartfelt commendations to Mr. Akshun Kuthiala, Roll no. 21BCS020 from the Department of Computer Science and Engineering, for his acceptance into the Google Summer of Code 2024 (GSoC '24) program, developing open source software for the organisation rocket.chat.

His acceptance into the prestigious program reflects his avid expertise and potential in the field of open-source development. This significant achievement is a testament to his skills, dedication, and enthusiasm for open-source development, and his selection for the program reflects his technical abilities along with his passion for collaboration and innovation.



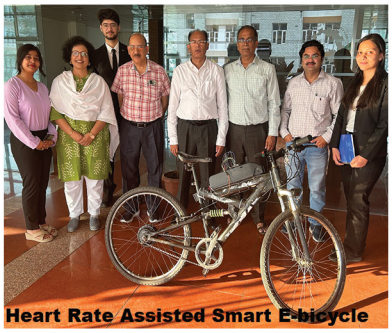
Abhishek Sheoran
22BME010

Our sincere congratulations go out to Abhishek Sheoran, Roll No. - 22BME010 from the Department of Mechanical Engineering, and Abhivrat Tyagi, Roll No. - 22BME011 from the Department of Mechanical Engineering, on their internships at the National Institute of Technology, Delhi (NIT Delhi), where they are working on 3D printing polymers under Dr Harish Kumar.

They recently finished their second year of engineering, and their abilities are promising. They are great examples of child prodigies, delving early in their careers into the domains of innovation and research. We congratulate them on their accomplishments and hope they have a prosperous future.



Abhivrat Tyagi
22BME011


Heart Rate Assisted Smart E-bicycle









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OF WASTE




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संस्थान पत्रिका

उत्क्रांत

संस्करण 13, अंक 3

अगर तुम सूरज की तरह चमकना चाहते हो, तो
सूरज की तरह जलना सीखो।
~ डॉ. एपीजे अब्दुल कलाम

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