STUDENT NEWS

RESEARCH PAPERS PUBLISHED AND CONFERENCES ATTENDED

Kunal Rao, M.B.A., Business Analytics, 2nd Year
• 'Can Machine Learning Predict an Employee's Mental Health?', *6th International Conference on Information, Communication & Computing Technology, Jagan Institute of Management Studies, Rohini, Delhi, India*

Pawan Raj Gopal, M.B.A., Business Analytics, 2nd Year
• 'Computational Analysis of Machine Learning Algorithms to Predict Heart Disease', *11th International Conference on Cloud Computing, Data Science & Engineering, Amity University, Noida, Uttar Pradesh, India*

Apra Sancerwal, M.Sc., Physics, 2nd Year
Ikshvaku Shyam, M.Sc., Physics, 2nd Year
• 'Optimization and Simulation of Perovskite Based Solar Cells', *8th International Conference on Energy and Environment, Jyothi Engineering College,Thrissur, Kerala, India*

Kartikeya Pandey, B.Tech., ECE, 4th Year
Parangat Mittal, B.Tech., ECE, 4th Year
Peeyush Tewani, B.Tech., ECE, 4th Year
• 'CNN-based Person Recognition System for Masked Faces in a post-pandemic world', *2nd International Conference of Emerging Technologies, Belgaum, Karnataka, India*

Vibhor Chander, B.Tech., ECE, 4th Year
Vishal Bharti, B.Tech., ECE, 4th Year
• 'Comparison between Conventional Fast Multipliers and Improved Fast Multipliers using PTL Logic', *3rd International Conference on Trends in Material Science and Inventive Materials, JCT college of Engineering and Technology, Coimbatore, Tamil Nadu, India*

Aishwarya Mangarath, B.Tech., EE, 4th Year
Ashish Kumar, B.Tech., EE, 4th Year
Vikas Kumar, B.Tech., EE, 4th Year
• 'Implementation of Optimized Contactless Parking System using Microcontroller & Web Application', *Latest Trends in Civil, Mechanical and Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India*

Avinash Choudhary, B.Tech., EE, 4th Year
Sanskar Jethi, B.Tech., EE, 4th Year
Yash Gupta, B.Tech., EE, 4th Year
• 'Creating and Implementing a Smart Speaker', *Journal of Information Technology in Industry*

Karan Singh Bora, B.Tech., EE, 4th Year
Saksham Sangwan, B.Tech., EE, 4th Year
Vishal Sharma, B.Tech., EE, 4th Year
• 'Development and Control of Modular 5 DoF Robotic Arm using ROS', *International Journal of Engineering Research & Technology*

Kunal Diwakar, B.Tech., EE, 4th Year
Lalit Bansal, B.Tech., EE, 4th Year
• 'Development of Robust Control Using H∞ Technique for DC/DC Converters', *Elementary Education Online*

Artika Sharma, B.Tech., ENE, 4th Year
Deepti Aggarwal, B.Tech., SE, 4th Year
Muskan Gupta, B.Tech., EE, 4th Year
• 'CLIMB: Case Study of a Women Centric Student Society in an Engineering Institution', *International Conference on Women Empowerment on Science and Technology, National Institute of Technology, Warangal, Telangana, India*

Harshit Tongaria, B.Tech., MAM, 4th Year
Karn Parashar, B.Tech., MAM, 4th Year
• 'Advancement in Heliostats Power Generation Systems: Development and performance', *8th International Conference on Energy and Environment, Jyothi Engineering College, Thrissur, Kerala, India*

Aniket Gupta, B.Tech., PSCT, 4th Year
Saksham Srivastava, B.Tech., PSCT, 4th Year
Srishti Mittal, B.Tech., PSCT, 4th Year
• 'Artificial Neural Network based modeling of the vacuum membrane distillation process: Effects of operating parameters on membrane fouling', *Chemical Engineering and Processing: Process Intensification*

Tanushree Ghosh, B.Tech., PSCT, 4th Year
Trisha Das, B.Tech., PSCT, 4th Year
• 'Moringa oleifera gum/poly(vinyl alcohol) blend solutions: Phase separation and rheological properties', *2nd International Conference on Aspects of Materials Science and Engineering, Panjab University, Chandigarh, Punjab, India*

Divyansh Singh Panwar, B.Tech., SE, 4th Year
Samarth Garg, B.Tech., SE, 4th Year
• 'Comprehensive opinion analysis on recent QUAD formation in Indo Pacific region using Twitter corpus', *7th International Conference on Advanced Computing and Communication Systems, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India*

Mohammad Sabih, B.Tech., EE, 3rd Year
• 'Crowd anomaly detection with LSTMs using optical features and domain knowledge for improved inferring', *The Visual Computer*

Harshit Jain, B.Tech., ME, 3rd Year
Himanshu Bhatt, B.Tech., ME, 3rd Year
Himanshu Bist, B.Tech., ME, 3rd Year
Kanishk Yadav, B.Tech., ME, 3rd Year
• 'Additive Manufacturing in Aerospace and Defense Industries: A Review', *Journal of Production Research & Management*

Harshit Jain, B.Tech., ME, 3rd Year
Kanishk Yadav, B.Tech., ME, 3rd Year
• 'Modeling and Finite Element Analysis of Universal Joint', *Advancement in Mechanical Engineering and Technology*

Mridul Gupta, B.Tech., ME, 3rd Year
• 'Modelling and Analysis of an H22 Engine Flywheel', *Advancement in Mechanical Engineering and Technology*

Mridul Gupta, B.Tech., ME, 3rd Year
Muhsin Ahmad Khan, B.Tech., ME, 3rd Year
• 'Advances in Applications of Non-Destructive Testing (NDT): A Review', *Advances in Material and Processing Technologies*

Anshuman Pandey, B.Des., 2nd Year
• 'A Designer's Perspective on Ankylosing Spondylitis and its Impact on Quality of Life', *Ergonomics International Journal*

Aditya Kumar, B.Tech., MAM, 1st Year
• 'Solar Roadways: The Roadways to next generation', *International Research Journal of Engineering and Technology*

Aryan Rastogi, B.Tech., ME, 1st Year
Kishu Kumar, B.Tech., ME, 1st Year
• 'Wireless Technology and its Application', *International Research Journal of Modernization in Engineering Technology and Science*

Krishang Gupta, B.Tech., ME, 1st Year
• 'A Case Study on Sizing Calculation for Single Stage Restriction Orifice for Incompressible Fuel Application in a Typical Thermal Plant', *International Research Journal of Modernization in Engineering Technology and Science*

Sachin, B.Tech., ME, 1st Year
Sahil Chouhan, B.Tech., ME, 1st Year
• 'A Review on Nuclear Power Plant', *International Research Journal of Engineering and Technology*

AWARDS & COMPETITIONS WON

Dhruv, B.Tech., ME, 4th Year
Megha Goyal, B.Tech., EE, 3rd Year
Mihir Ranjan, B.Tech., EE, 3rd Year
Purshottam Kandhari, B.Tech., EE, 3rd Year
Riddhima Jain, B.Tech., EE, 3rd Year
Shaurya Parashar, B.Tech., EP, 3rd Year
• Winner, *Smart India Hackathon (Hardware Edition), 2020*

Angad Sethi, B.Tech., COE, 3rd Year
• Winner, *HackMerced VI, Hackathon, University of California, United States*

Akanksha Tanwar, B.Tech., IT, 3rd Year
Anima Jain, B.Tech., IT, 3rd Year
Shreoshi Roy, B.Tech., IT, 3rd Year
• Winner, *WomenTechies '21, Hackathon, Vellore Institute of Technology, Tamil Nadu, India*

Abhilasha Bansal, B.Tech., COE, 2nd Year
Areeshaa Parveen, B.Tech., COE, 2nd Year
• Best All Girls Team & Overall Runners-up, *Hack-NU-thon, Hackathon, Nirma University, Delhi, India*

Akshansh Gupta, B.Tech., ENE, 1st Year
• Runner-up, *Comedic Paribus, Economania '21, Daulat Ram College, Delhi, India*

Shubh Pratap Singh, B.Tech., IT, 1st Year
• Runner-up, *Standup Comedy Contest, SSN Instincts, Sri Sivasubramaniya Nadar College of Engineering, Chennai, Tamil Nadu, India*
• Winner, *Comedy Hunt, Rendezvous '21, Indian Institute of Technology, Delhi, India*

INTERNATIONAL INTERNSHIPS & SCHOLARSHIPS AWARDED

Megha Goyal, B.Tech., EE, 3rd Year
• Global Impact Scholarship, *Palantir*

Ney Vatsa, B.Tech., ME, 3rd Year
• MITACS Globalink Research Internship, *University of Calgary, Canada*

Vagisha Aggarwal, B.Tech., PSCT, 3rd Year
• MITACS Globalink Research Internship, *University of Windsor, Canada*

Tushar Mehra, B.Tech., PSCT, 3rd Year
• NTU-India Connect Research Internship, *Nanyang Technological University, Singapore*
• Research Internship, *University of Bordeaux, France*