

# STUDENT NEWS

## RESEARCH PAPERS PUBLISHED AND CONFERENCES ATTENDED

Kunal Rao, M.B.A., Business Analytics, 2<sup>nd</sup> Year

- 'Can Machine Learning Predict an Employee's Mental Health?', 6<sup>th</sup> International Conference on Information, Communication & Computing Technology, Jagan Institute of Management Studies, Rohini, Delhi, India

Pawan Raj Gopal, M.B.A., Business Analytics, 2<sup>nd</sup> Year

- 'Computational Analysis of Machine Learning Algorithms to Predict Heart Disease', 11<sup>th</sup> International Conference on Cloud Computing, Data Science & Engineering, Amity University, Noida, Uttar Pradesh, India

Apra Sancerwal, M.Sc., Physics, 2<sup>nd</sup> Year

Ikshvaku Shyam, M.Sc., Physics, 2<sup>nd</sup> Year

- 'Optimization and Simulation of Perovskite Based Solar Cells', 8<sup>th</sup> International Conference on Energy and Environment, Jyothi Engineering College, Thrissur, Kerala, India

Kartikeya Pandey, B.Tech., ECE, 4<sup>th</sup> Year

Parangat Mittal, B.Tech., ECE, 4<sup>th</sup> Year

Peeyush Tewani, B.Tech., ECE, 4<sup>th</sup> Year

- 'CNN-based Person Recognition System for Masked Faces in a post-pandemic world', 2<sup>nd</sup> International Conference of Emerging Technologies, Belgaum, Karnataka, India

Vibhor Chander, B.Tech., ECE, 4<sup>th</sup> Year

Vishal Bharti, B.Tech., ECE, 4<sup>th</sup> Year

- 'Comparison between Conventional Fast Multipliers and Improved Fast Multipliers using PTL Logic', 3<sup>rd</sup> 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, 4<sup>th</sup> Year

Ashish Kumar, B.Tech., EE, 4<sup>th</sup> Year

Vikas Kumar, B.Tech., EE, 4<sup>th</sup> 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, 4<sup>th</sup> Year

Sanskar Jethi, B.Tech., EE, 4<sup>th</sup> Year

Yash Gupta, B.Tech., EE, 4<sup>th</sup> Year

- 'Creating and Implementing a Smart Speaker', Journal of Information Technology in Industry

Karan Singh Bora, B.Tech., EE, 4<sup>th</sup> Year

Saksham Sangwan, B.Tech., EE, 4<sup>th</sup> Year

Vishal Sharma, B.Tech., EE, 4<sup>th</sup> Year

- 'Development and Control of Modular 5 DoF Robotic Arm using ROS', International Journal of Engineering Research & Technology

Kunal Diwakar, B.Tech., EE, 4<sup>th</sup> Year

Lalit Bansal, B.Tech., EE, 4<sup>th</sup> Year

- 'Development of Robust Control Using H $\infty$  Technique for DC/DC Converters', Elementary Education Online

Artika Sharma, B.Tech., ENE, 4<sup>th</sup> Year

Deepti Aggarwal, B.Tech., SE, 4<sup>th</sup> Year

Muskan Gupta, B.Tech., EE, 4<sup>th</sup> 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, 4<sup>th</sup> Year

Karn Parashar, B.Tech., MAM, 4<sup>th</sup> Year

- 'Advancement in Heliostats Power Generation Systems: Development and performance', 8<sup>th</sup> International Conference on Energy and Environment, Jyothi Engineering College, Thrissur, Kerala, India

Aniket Gupta, B.Tech., PSCT, 4<sup>th</sup> Year

Saksham Srivastava, B.Tech., PSCT, 4<sup>th</sup> Year

Srishti Mittal, B.Tech., PSCT, 4<sup>th</sup> 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, 4<sup>th</sup> Year

Trisha Das, B.Tech., PSCT, 4<sup>th</sup> Year

- 'Moringa oleifera gum/poly(vinyl alcohol) blend solutions: Phase separation and rheological properties', 2<sup>nd</sup> International Conference on Aspects of Materials Science and Engineering, Panjab University, Chandigarh, Punjab, India

Divyansh Singh Panwar, B.Tech., SE, 4<sup>th</sup> Year

Samarth Garg, B.Tech., SE, 4<sup>th</sup> Year

- 'Comprehensive opinion analysis on recent QUAD formation in Indo Pacific region using Twitter corpus', 7<sup>th</sup> International Conference on Advanced Computing and Communication Systems, Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu, India

Mohammad Sabih, B.Tech., EE, 3<sup>rd</sup> Year

- 'Crowd anomaly detection with LSTMs using optical features and domain knowledge for improved inferring', The Visual Computer

Harshit Jain, B.Tech., ME, 3<sup>rd</sup> Year

Himanshu Bhatt, B.Tech., ME, 3<sup>rd</sup> Year

Himanshu Bist, B.Tech., ME, 3<sup>rd</sup> Year

Kanishk Yadav, B.Tech., ME, 3<sup>rd</sup> Year

- 'Additive Manufacturing in Aerospace and Defense Industries: A Review', Journal of Production Research & Management

Harshit Jain, B.Tech., ME, 3<sup>rd</sup> Year

Kanishk Yadav, B.Tech., ME, 3<sup>rd</sup> Year

- 'Modeling and Finite Element Analysis of Universal Joint', Advancement in Mechanical Engineering and Technology

Mridul Gupta, B.Tech., ME, 3<sup>rd</sup> Year

- 'Modelling and Analysis of an H22 Engine Flywheel', Advancement in Mechanical Engineering and Technology

Mridul Gupta, B.Tech., ME, 3<sup>rd</sup> Year

Muhsin Ahmad Khan, B.Tech., ME, 3<sup>rd</sup> Year

- 'Advances in Applications of Non-Destructive Testing (NDT): A Review', Advances in Material and Processing Technologies

Dhruv, B.Tech., ME, 4<sup>th</sup> Year

Megha Goyal, B.Tech., EE, 3<sup>rd</sup> Year

Mihir Ranjan, B.Tech., EE, 3<sup>rd</sup> Year

Purshottam Kandhari, B.Tech., EE, 3<sup>rd</sup> Year

Riddhima Jain, B.Tech., EE, 3<sup>rd</sup> Year

Shaurya Parashar, B.Tech., EP, 3<sup>rd</sup> Year

- Winner, Smart India Hackathon (Hardware Edition), 2020

Angad Sethi, B.Tech., COE, 3<sup>rd</sup> Year

- Winner, HackMerced VI, Hackathon, University of California, United States

Akanksha Tanwar, B.Tech., IT, 3<sup>rd</sup> Year

Anima Jain, B.Tech., IT, 3<sup>rd</sup> Year

Shreoshi Roy, B.Tech., IT, 3<sup>rd</sup> Year

- Winner, WomenTechies '21, Hackathon, Vellore Institute

## INTERNATIONAL INTERNSHIPS & SCHOLARSHIPS AWARDED

Megha Goyal, B.Tech., EE, 3<sup>rd</sup> Year

- Global Impact Scholarship, Palantir

Ney Vatsa, B.Tech., ME, 3<sup>rd</sup> Year

- MITACS Globalink Research Internship, University of Calgary, Canada

Anshuman Pandey, B.Des., 2<sup>nd</sup> Year

- 'A Designer's Perspective on Ankylosing Spondylitis and its Impact on Quality of Life', Ergonomics International Journal

Aditya Kumar, B.Tech., MAM, 1<sup>st</sup> Year

- 'Solar Roadways: The Roadways to next generation', International Research Journal of Engineering and Technology

Aryan Rastogi, B.Tech., ME, 1<sup>st</sup> Year

Kishu Kumar, B.Tech., ME, 1<sup>st</sup> Year

- 'Wireless Technology and its Application', International Research Journal of Modernization in Engineering Technology and Science

Krishang Gupta, B.Tech., ME, 1<sup>st</sup> 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, 1<sup>st</sup> Year

Sahil Chouhan, B.Tech., ME, 1<sup>st</sup> Year

- 'A Review on Nuclear Power Plant', International Research Journal of Engineering and Technology

of Technology, Tamil Nadu, India

Abhilasha Bansal, B.Tech., COE, 2<sup>nd</sup> Year

Areeshaa Parveen, B.Tech., COE, 2<sup>nd</sup> Year

- Best All-Girls Team & Overall Runners-up, Hack-NU-thon, Hackathon, Nirma University, Delhi, India

Akshansh Gupta, B.Tech., ENE, 1<sup>st</sup> Year

- Runner-up, Comedic Paribus, Economania '21, Daulat Ram College, Delhi, India

Shubh Pratap Singh, B.Tech., IT, 1<sup>st</sup> 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

Vagisha Aggarwal, B.Tech., PSCT, 3<sup>rd</sup> Year

- MITACS Globalink Research Internship, University of Windsor, Canada

Tushar Mehra, B.Tech., PSCT, 3<sup>rd</sup> Year

- NTU-India Connect Research Internship, Nanyang Technological University, Singapore
- Research Internship, University of Bordeaux, France