



J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

(Formerly YMCA University of Science and Technology, Faridabad)

(NAAC Accredited 'A' Grade State Govt. University)

Detail of Research Scholars in the Department of Mechanical Engineering

| S.No. | Name of Research Scholar | Registration no. | Date of Registration | Mode of PhD (Part time/ full time) | Category | Topic of Research | Details of Funding/ Fellowship, if any (Name, Amount, period) | Name of Supervisor with affiliation | Name of Co-supervisor with affiliation | Status Awarded /Submitted with date/ Pursuing |
|-------|--------------------------|----------------------|----------------------|------------------------------------|----------|---|---|--|--|---|
| 1 | Anil Mahawar | YMCAUST/PH 05/2015 | 11-04-2016 | Part Time | SC | Productivity enhancement through modular manufacturing system in casting industries | Nil | Dr. Vasdev Malhotra, J.C. Bose UST, YMCA | | Pursuing |
| 2 | Mahesh | YMCAUST/PH 10/2016 | 30-05-2017 | Part Time | SC | Analysis and Evaluation of Select Issues for the Adoption and Performance Enhancement of Cloud Manufacturing System | Nil | Dr. Bhaskar Nagar, J.C. Bose UST, YMCA | | Pursuing |
| 3 | Om Parkash | YMCAUST/PH 07/2016 | 30-05-2017 | Part Time | BCA | Modeling and Simulation of Commercial Slurry Flow Through Pipeline Systems | Nil | Dr. Arvind Gupta, J.C. Bose UST, YMCA | Dr. Basant Singh Sikarwar, Professor, Amity University, Noida | Pursuing |
| 4 | Vijay Soni | YMCAUST/PH ME01/2017 | 13-06-2018 | Full Time | ROHC | Analysis of Quench and Quench induced Mechanical Stresses of 1.5T MRI system | IUAC, New Delhi | Dr. Arvind Gupta, J.C. Bose UST, YMCA | Dr. Soumen Kar, Scientist F, Inter-University Accelerator Center (IUAC), New Delhi | Pursuing |
| 5 | Vimlesh Ojha | 160010108011 | 22-03-2021 | Part Time | HOGC | Data Driven Decision Making in Advance Manufacturing Systems | Nil | Dr. Sanjeev Goyal, J.C. Bose UST, YMCA | Dr. Mahesh Chand, J.C. Bose UST, YMCA | Pursuing |
| 6 | Chanderpal | 19 YMCA910001 | 22-03-2021 | Part Time | HOGC | Analysis of performance improvement of a Fin Tube heat exchanger through vortex generator | Nil | Dr. Arvind Gupta, J.C. Bose UST, YMCA | Dr. Nikhil Dev, J.C. Bose UST, YMCA | Pursuing |



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| 7 | Reshu Sharma | 160010108016 | 22-03-2021 | Part Time | HOGC | Development of green supply chain management model for Indian industries | Nil | Dr. Rajesh Attri, J.C. Bose UST, YMCA | Dr. O. P. Mishra, J.C. Bose UST, YMCA | Pursuing |
| 8 | Girendra Bhati | 19 YMCA910004 | 12-07-2021 | Part Time | OBC | Effect of Process Parameters of Hydroxyapatite/Alumina Nano-Composite Castings Produced by Hybrid Freeze Casting Process | Nil | Dr. Vikram, J.C. Bose UST, YMCA | Dr. Sanjeev Kumar, J.C. Bose UST, YMCA | Pursuing |
| 9 | Nitin kumar Chauhan | 19 YMCA910006 | 12-07-2021 | Part Time | HOGC | System Integration With Digital Supply Chain Management | Nil | Dr. Vikas Kumar, J.C. Bose UST, YMCA | Dr. Sandhya Dixit, J.C. Bose UST, YMCA | Pursuing |
| 10 | Praveen | 11 YMCA U-640 | 28-06-2021 | Part Time | HOGC | Investigating the Properties of 3D Printed Thermosetting Reinforced Thermoplastic composite | Nil | Dr. Rajeev Saha, J.C. Bose UST, YMCA | Dr. Sandeep Grover, J.C. Bose UST, YMCA | Pursuing |
| 11 | Kapil Dev | 19 YMCA910005 | 12-07-2021 | Part Time | BCA | Mechanical and Tribological Anylisis of Friction Stir Welded Joints of Dissimilar Metal | Nil | Dr. Hari Om, J.C. Bose UST, YMCA | Dr. Tilak Raj, J.C. Bose UST, YMCA | Pursuing |
| 12 | Deepak Sharma | Registration Due | | Part Time | HOGC | | Nil | Dr. Tilak Raj, J.C. Bose UST, YMCA | Dr. Sandeep Grover, J.C. Bose UST, YMCA | Pursuing |
| 13 | Himanshu Arora | Registration Due | | Full Time | HOGC | | Nil | Dr. Sanjay Kumar, J.C. Bose UST, YMCA | Dr. Hari om, J.C. Bose UST, YMCA | Pursuing |
| 14 | Sachidanand | Registration Due | | Part Time | | | Nil | Dr. Sanjeev Goyal, J.C. Bose UST, YMCA | Dr. Bhupender Singh, J.C. Bose UST, YMCA | Pursuing |
| 15 | Surender Singh | 20 -YMCA-910004 | 05-10-2021 | Part Time | SC | Green investigation and trends in Automobile sector | Nil | Dr. O P Mishra, J.C. Bose UST, YMCA | Dr. Krishan Verma, J.C. Bose UST, YMCA | Pursuing |



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| 16 | Sumit Singh | 20 -YMCA-910005 | 21-12-2021 | Full Time | HOGC | FDM Fabrication and Process Parameter Optimization for thermoplastic Polymer Blend with Nanoparticles | Yes (AICTE Fellowship) | Dr. Rajesh Atri, J.C. Bose UST, YMCA | Dr. Shefali Trivedi, J.C. Bose UST, YMCA | Pursuing |
| 17 | Sanjeev Kumar | Registration Due | | Part Time | HOGC | | Nil | Dr. Raj Kumar, J.C. Bose UST, YMCA | Dr. Mukesh Gupta, J.C. Bose UST, YMCA | Pursuing |
| 18 | Manish Katyal | Registration Due | | Part Time | HOGC | | Nil | Dr. Sanjeev Kumar, J.C. Bose UST, YMCA | Dr. Sanjeev Goyal, J.C. Bose UST, YMCA | Pursuing |
| 19 | Rohit | Registration Due | | Full Time | SC | | Nil | Dr. Mahesh Chand, J.C. Bose UST, YMCA | Dr. Sandhya Dixit, J.C. Bose UST, YMCA | Pursuing |
| 20 | Vipin Sharma | Registration Due | | Part Time | HOGC | | Nil | Dr. Lakhwinder Singh, J.C. Bose UST, YMCA | Dr. Bhupender Singh, J.C. Bose UST, YMCA | Pursuing |
| 21 | Shivam aggarwal | Registration Due | | Full Time | HOGC | | Yes (URS) | Dr. Krishan Verma, J.C. Bose UST, YMCA | Dr. M.L. Aggarwal, J.C. Bose UST, YMCA | Pursuing |
| 22 | Janendra Kumar | Registration Due | | Full Time | HOGC | | Yes (AICTE Fellowship) | Dr. Vikram Singh, J.C. Bose UST, YMCA | Dr. Sanjay Kumar, J.C. Bose UST, YMCA | Pursuing |
| 23 | Abhishek Bhardwaj | Registration Due | | Full Time | HOGC | | Yes (AICTE Fellowship) | Dr. Raj kumar, J.C. Bose UST, YMCA | Dr. Nitin Panwar, J.C. Bose UST, YMCA | Pursuing |



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| 24 | Manjeet Gujela | Registration Due | | Full Time | OBC | | Yes (AICTE Fellowship) | Dr. Rajeev Saha, J.C. Bose UST, YMCA | Dr. O.P. Mishra, J.C. Bose UST, YMCA | Pursuing |
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