

**MANJARA CHARITABLE TRUST**  
**RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI**  
(Permanently Affiliated to University of Mumbai)  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
(UG Program – NBA Accredited; PG in Heat Power and PhD Technology)



**Faculty Name: Nilesh Bhalchandra Shahapure**

Qualification B. E. (Mechanical Engineering), M-Tech( Manufacturing Engineering)

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**Residence:** 303, Sudhanshu Pride, Sector- 20, Airoli 400708

**Email:** nilesh.shahapure@mctrgit.ac.in

**Contact No: 9969163761**

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**Designation:** Assistant Professor

**Experience:** Teaching: 15 Years

**Industry:** -----

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**Areas of Interest:** Characterization of Nano engineered Composite Materials, Molecular Dynamic simulation, Additive Manufacturing, Advanced Manufacturing Processes, KOM, Machine design, Robotics

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**Faculty Achievement and Awards:**

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**NPTEL Courses Details:**

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**Professional Body Membership: IIE life Member**

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**Research Project Details:** Co- investigator for Minar research Project-Investigation of Design of Plastic Injection Mold for Additive Manufacturing for quality and productivity Improvement.

Investigation of effects of magnetic Field between condenser outlet and Capillary tube of vapour Compression water chiller

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**Research Grant Received (if any):** 23,000Rs for Investigation of Design of Plastic Injection Mold for Additive Manufacturing for quality and productivity Improvement.

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**Journals:**

International:

National:

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**Conferences:**

International:

National:

“ Horizontal Airofoil section Design for Hybrid Vehicles and HPV’s considerign 200 crosswind at mid cross-section hight of 0.8meters”,5th National conference on Recent Advances in Manufacturing(RAM 2015), 15-17 May 2015.

“Some Investigation on deformation characteristics of machined surface of Inconel 718”, paper presented in national conference NCAME09, at MCT’s Rajiv Gandhi Institute of Technology, Mumbai, 2009

“Integrated Product Design by Rapid Prototyping Technology in Concurrent Engineering Approach”, Paper presented at National Conference held at Vasavi College of engg. Hyderabad, 2005.

“Error Prediction and Compensation Techniques for CNC machine”, National Conference on Sun Rising Technologies in Mechanical Engineering, Parshwanath College of engineering, Thane 2005.

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“Use of Product Development Process & Rapid Prototyping Technology in concurrent Engineering”, National Conference on Sun Rising Technologies in Mechanical Engineering, Parshwanath College of engineering, Thane 2005.

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**Additional Information (if any)**

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**Place:** Mumbai