

**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)



**Mrs. Ashwini V. Gotmare**  
**Assistant Professor**

**Qualifications:**

Ph.D. (Pursuing) MCT's Rajiv Gandhi Institute of Technology, Mumbai  
M.Tech. (Design) Birla Institute of Technology and Science, Pilani  
B.Tech. (Mechanical Engineering) College of Engineering, Pune

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**Residence:** 602, Gharkul Society, Juhu versova link road, Andheri West, Mumbai 400053  
**Email:** [ashwini.gotmare@mctrgit.ac.in](mailto:ashwini.gotmare@mctrgit.ac.in)  
**Contact No:** 7715804515

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**Designation:** Assistant Professor in Mechanical Engineering Department  
**Experience:** Teaching: 3.5 Years                      Industry: 2.5 Years

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**Areas of Interest:** Supply Chain Management, Manufacturing planning and control, Industrial Engineering, Strength of Materials, Design of Machine Elements

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**Faculty Achievement and Awards:**

**Reviewer** for **Industrial Engineering Journal** published by Indian Institution of Industrial Engineering

**Green Belt** certified for **Design of Six Sigma (DFSS)**

Successfully completed Geometric dimensioning and Tolerances (**GD&T Training**)

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Successfully completed Fluid Conveyance **Product Training at Eaton Germany** Engineering Centre (April-May 2012)

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**NPTEL Courses Details:**

Strength of Materials

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**Professional Body Membership:**

Indian Institution of Industrial Engineering – Life Member – LM 11092

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**Research Project Details:**

**Project Advisor (UG Projects)**

1. Design and development of external exhaust filter unit with nano fibrous material to reduce air pollution from automotive vehicles
  2. Design and development of window evacuation system in case of fire accidents
  3. An experimental set-up for power generation using Maglev roof top ventilator
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**Publications:**

**Patent:**

Published International European Patent

**Ashwini Kale (2016)**, Patent No: EP 2 963 362 A1, “Accumulator with integrated heat exchanger in vehicle air conditioning system”

**Journals:**

International:

Digalwar A., Raut R. D.,Yadav V. S., Narkhede B. E., Gardas B. & **Gotmare A.V. (2020)**. Evaluation of critical constructs for measurement of sustainable supply chain practices in lean-

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agile firms of Indian origin: A hybrid ISM-ANP approach. *Business Strategy and the Environment* <https://doi.org/10.1002/bse.2455>

National:

**Gotmare A. V.,** Bokade S. U., Inamdar Z. Z. & Bhirud S. G. (2019). A Systematic Literature Review on RFID Application in Manufacturing and Supply Chain Management. *Industrial Engineering Journal*, 12(10), pp. 23-31 DOI: <https://doi.org/10.26488/IEJ.12.10.1203>

**Gotmare A. V.,** Bokade S. U. (2019) **Accepted.** Analyzing the barriers to Internet of things (IoT) adoption in Indian manufacturing firms Using Analytical Hierarchy Process, *Udyog Pragati Journal (NITIE)*

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#### **Conferences:**

International:

**Gotmare A. V.,** Bokade S. U. (2019). Internet of Things in Manufacturing: A Review on Applications, Challenges and Future Directions, *Proceedings of 61st National Convention of Indian Institution of Industrial Engineering and 5th international conference on Industrial Engineering (ICIE-2019)*, Vol. I, pp. 431-437

National:

**Gotmare A. V.,** Pandey D. S., Bokade S. U. (2018). Rediscovering Industries from the Perspective of Industry 4.0-A Review, *Proceedings of National Conference on Industrial Engineering & Technology Management (NCIETM 2018)*, pp. 41

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#### **STTPs / FDPs / Training**

Successfully Completed "Advances in Smart Manufacturing Technologies" one week faculty development program (FDP) sponsored by TEQUIP III (Under Twinning) at Veermata Jijabai Technological Institute, Mumbai, **December 30<sup>th</sup> 2019 – January 04<sup>th</sup> 2020**

Successfully Completed "Machine Learning with IoT" one week faculty development program (FDP) at Rajiv Gandhi Institute of Technology, Mumbai, **16<sup>th</sup> December 2019- 20<sup>th</sup> December 2019**

Successfully Completed "Research Methodology" one week faculty development program (FDP) at Rajiv Gandhi Institute of Technology, Mumbai, **01<sup>st</sup> July 2019 – 05<sup>th</sup> July 2019**

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Successfully Completed "Industrial Safety Workshop" one day training at L & T Madh, Mumbai, **29<sup>th</sup> January 2019**

Successfully Completed "Effective Pedagogical Practices" one week faculty development program (FDP) sponsored by TEQUIP III (Under Twinning) at Sardar Patel College of Engineering, Mumbai, **29<sup>th</sup> October 2018 – 02<sup>nd</sup> November 2018**

Successfully Completed "Industrial Tribology" short term training program (STTP) sponsored by TEQUIP II Approved by AICTE, at VJTI, Mumbai, **11<sup>th</sup> December 2017 – 15<sup>th</sup> December 2017**

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**Place:** Mumbai