

**MR. CHETAN N. DESHMUKH (MECHATRONICS)**

**Assistant Professor**

**Email:** chetandeshmukh@ternaengg.ac.in

**Address for Correspondence:** Mechatronics Engineering Department,  
TERNA ENGINEERING COLLEGE, Plot No. 12, Sector 22,  
Opposite Railway Station, Nerul (W), Navi Mumbai- 400706



**Professional Qualification:**

- **Master of Engineering, 2013**  
Lokmanya Tilak College of Engineering, Mumbai University, Maharashtra
- **Bachelor of Mechanical Engineering, 2002**  
MIT, Dr. BAMU, Aurangabad, Maharashtra

**About me:** Received a certificate from Diplex 2014 conducted 4- 7th march 2014 for guidance and encouraging the students for the project named “Automation of drilling machine in Manufacturing process.”

**Patents/ Products/ Consultancy:** PORTABLE AGRICULTURAL WEATHER STATION (Design NO. 429474-001)

**Products Developed:** NA

**Consultancy Projects:** NA

**Reviewer:** NA

**Major Subjects:**

- Engineering Mechanics, Engineering drawing, Materials & Metallurgy, Production Processes, Machine Design, Design of mechanical systems, Production Planning and control, Industrial Engineering and Management, Hydraulic Machinery

**Citation Analysis:** NA

**List of Publication:**

**Journal Publications:**

- 1 Chetan N. Deshmukh, Mr. Bhushan T. Patil, Mr. Santosh D. Dalvi, (2013). Factors affecting the success of an information system at implementation stage for SMEs. International conference on emerging trends in technology & its applications. ISBN-978-81-923777-7-3
- 2 Chetan N. Deshmukh, Mr. Bhushan T. Patil, Mr. Santosh D. Dalvi, Mr. Sunil M.Satav(2013). Factors affecting the success of an ERP during post implementation stage for SMEs. In the proceedings international journal of Electrical, Electronics and Computing Technology. ISSN No. 22293027
- 3 C. N. Deshmukh (2016), VAV Conversion of Metallic Scrapper to Plastic scrapper published in IJRTER journal volume 2, Issue 10; October 2016

4 C. N. Deshmukh (2016), Redesigning and development motorbike handlebar using ergonomic principles and human factors. International Journal of Advances in Engineering and Applied Science (IJAEAS) Vol-3 Iss-4, 2016

5. C. N. Deshmukh (2016), VAV Conversion of Metallic Scrapper to Plastic scrapper published in IJRTER journal volume 2, Issue 10; October 2016

### **Conferences and Workshops Publications:**

1. One-week AICTE Training and Learning (ATAL) Academy Faculty Development Program on Building Resilient Supply Chain using Digital Twin Technology in era of Industry 5.0 at BALAJI INSTITUTE OF MODERN MANAGEMENT(BIMM) from 09/12/2024 to 14/12/2024.

2. Two-day's WORKSHOP on "Effective Research Methodology" organized by TEC, Nerul, Navi Mumbai, conducted by Dr. Mahesh Kokareon 5th & 6<sup>th</sup> February, 2018.

3. one-week AICTE QIP faculty Development Training program on "Nanomaterials: Processing, Modelling, and Application" organized by Department of Production Engineering, VJTI Mumbai. held on 19-24 March 2017.

4. Participated in a one day seminar on "Product Design & Development" conducted by YTCEMT, Karjat, Dist. Raigad (MS) dated on 7<sup>th</sup> January 2014.

5. Participated in a Two-day ISTE WORKSHOP on "Writing Effective Conference Papers" conducted by Indian Institute of Technology Bombay on 18<sup>th</sup> and 19<sup>th</sup> February, 2012.

6. Successfully completed the one week short term training program on "Recent Trends in Material science and Energy Engineering" organized by Mechanical Engineering Department of Kokan Gyanpeeth College of Engineering, Karjat, Dist. Raigad (MS) during 14<sup>th</sup> November,2011 to 18<sup>th</sup> November, 2011.

6 "Emerging Trends in Manufacturing Engineering" during 11 January – 15 January organized by Mechanical Engineering Department of Sarswati College of Engineering, Kharghar, Navi Mumbai.

7. Successfully completed the one week Aspire Signature Faculty Development Program at YTIET, Karjat, Dist. Raigad (MS).

8. Successfully completed the continuing education program under 'SDC' in "COMPUTER NETWORKING" from 10/09/2004 to 16/09/2004 at Puranmal Lahoti Government Polytechnic, Latur.

9. Successfully completed the continuing education programme under 'SDC' in "Auto CAD" from 16/10/2004 to 04/11/2004 at Puranmal Lahoti Government Polytechnic, Latur.

### **Research and Scholarly Contributions:**

➤ **M. E. Research:** Guided 05 ME projects

### **Funding Received: NA**

### **Software Tools:**

1. Auto CAD, Pro-E, PTC Creo,

**Professional Association:**

- Indian Society of Technical Education (ISTE) - Life Member: LM 64777

**Experience:**

Teaching Experience: 20 yrs. (Post graduate: 03 yrs.)

- Responsibilities Handled:
  - Paper Setter, Moderator & Examiner for MU undergraduate and post graduate examinations.
  - College level Inventory audit coordinator committee member for EXTC and IT department
  - Departmental Training & Placement coordinator
  - Class Advisor

**Talks/Guest Lectures Delivered: NA**

**SESSION CHAIR/JUDGE: NA**

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

C N Deshmukh

Place: Navi Mumbai