

## Anup Vasant Karande

Tenure Faculty

Department of Textile Engineering

Veermata Jijabai Technological Institute (VJTI)

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### AREAS OF SPECIALIZATION

- Technology of Textile Manufacturing, Process Optimization in Textile Manufacturing
- Technical Textile; Agro Textile; Textile Filter; Sports Textiles
- Retail and Supply Chain Management

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### ACADEMIC QUALIFICATIONS

#### Ph.D. (Pursuing) in Textile Technology | 2026

*Title:* “Development of Agro textiles for Protective Cultivation”

**Institute:** Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai

*Supervisors:* Dr. Suranjana Gangopadhyay and Dr. S. P Borkar

#### M. Tech in Textile Technology | 2015

**Institute:** Veermata Jijabai Technological Institute (VJTI), Matunga, Mumbai

**Project Title** – “Development of Sports Textiles Using Coating Technology”

#### B. Text in Textile Technology | 2012

**Institute:** DKTE Society's Textile & Engineering Institute, Shivaji University

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### ACADEMIC & RESEARCH EXPERIENCE

| Position            | Institution                         | Duration               | Key Responsibilities                                                  |
|---------------------|-------------------------------------|------------------------|-----------------------------------------------------------------------|
| Tenure Faculty      | VJTI, Matunga<br>Mumbai             | July 2026 –<br>Present | Teaching undergraduate and postgraduate courses, conducting research. |
| Tenure Faculty      | VJTI, Matunga<br>Mumbai             | Jan 2026-<br>June 2026 | Teaching undergraduate and postgraduate courses, conducting research  |
| Assistant Professor | NMIMS University,<br>Shirpur, Dhule | Feb 2028 –<br>Jun 2022 | Teaching UG courses, research activities development                  |

## ACADEMIC & RESEARCH EXPERIENCE

| Position                             | Organization            | Duration            | Key Responsibilities                                                |
|--------------------------------------|-------------------------|---------------------|---------------------------------------------------------------------|
| <b>Executive-Product Development</b> | Khosla Profiles Pvt Ltd | April 2017-Jan 2018 | Product Development, Planning and Execution. Feedback and Follow up |
| <b>Senior Research Fellow</b>        | SASMIRA                 | Oct 2015-Mar 2017   | Product Development, Planning and Execution                         |
| <b>GET</b>                           | Garware Wall Ropes Ltd  | July 2012-June 2013 | Production Execution, Quality Assurance                             |

## RESEARCH PUBLICATIONS

1. Development of high-end textile structures for active sportswear applications using coating technology' Man-Made textile in India, September 2016
2. 'Characterization of PV blended fabric with different softeners', Man made Textiles in India, 0377-7537, Vol 47 issue 7 Page 241, July 2019
3. 'Staining and spotting on chemical Processing', International Dyer & Finisher, Issue 4 (page 19-23), July 2019
4. Effect of time variation on shade in terry towel dyeing', Colourage, Issue 1 (Page 54-61), January 2020
5. 'Comparative analysis of comfort properties of polyester yarn with different cross-sections', Melliand International 1 March 2020, Pages 20-21
6. Coating of Technical Textiles, Asian Dyer, Texchem Publication, Jan 2021, 0972-9488 Vol 17/No 6/Page 50-54.
7. Studies of Needle punch polyester nonwovens, Melliand International, WTIN, Feb 2021.
8. Measures of minimizing crease in Woven Fabric, Asian Dyer, Texchem Publication, March 2021.
9. A review on Comfort properties of polyester yarn and its developments, MMTI, April 2021, Volume XLIX(3):83-85.
10. Disposable, cost-effective and productive agro textiles, Technical Textiles,3/2021, E160-161.

11. Anup Karande, Suranjana Gangopadhyay, S P Borkar, “Application of Natural Fibre-based agro textiles in mulching: A biodegradable approach for sustainable farming”, Man Made Textiles in India, ISSN: 0377-7537, Vol: LIII No 10, PP 367-371, Oct 2025.
12. Anup Karande, Suranjana Gangopadhyay, S P Borkar, “Comparative analysis of different types of ground covers on Plant Growth and Physiological aspects of Watermelon (Citrullus Lanatus )”, Man Made Textiles in India, ISSN:0377-7537, Vol: LIII No 11, PP-419-422, Nov 2025

#### **ACADEMIC LEADERSHIP & CONTRIBUTIONS**

- **Training & Placement Coordinator**, Dept. of Textile Engineering, NMIMS
- **Departmental Exam Co Ordinator**, Dept. of Textile Engineering, NMIMS
- **Departmental Time Table Co Ordinator**, Dept. of Textile Engineering, NMIMS
- **Departmental Project Co-Ordinator**, Dept. of Textile Engineering, NMIMS