Faculty Profile



- **Name of the faculty – Dr. Sunetra Arvindrao Deshmukh**

Designation: – Assistant Professor

Department: - Chemistry

School: - School of Chemical Science

Faculty: - Science and Technology

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- **Education qualification: –**
  - **B. Sc. in Chemistry, Shivaji University, Kolhapur in 2000.**
  - **M. Sc. in Organic Chemistry, Shivaji University, Kolhapur in 2002.**
  - **Ph. D. in Organic Chemistry, Shivaji University, Kolhapur in 2007.**
  - **Post-Doctoral Fellow in Basic Organic Synthesis, Leibniz Institute for Catalysis (LIKAT), University of Rostock, Rostock, Germany, 2013.**
- **Experience (In years) -** Teaching : 09 yrs. Industrial: 01 yr. R&D Institution**:** 04 yrs.
- **Area of specialization /Research: -** Synthetic Organic Chemistry, Green chemistry, Catalysis
- **Publication: –**
  - **Journal: 15**
  - **Conference: 15**
- **Books: -**
  - Book Chapter: Introduction to Resources, Physico-Chemical Properties and Blends of Silk Fibroin, Nova Science Publisher Publishers, Inc, New York, USA, 2023, ISBN: 979-8-88697-402-7.
  - Smart Textiles from Natural Resources, Book Chapter: Smart Clothing in Communication Technology-Recent Development, Elsevier publisher, 2024, ISBN: 780443154713; 9780443154720
  - Nanotechnology Applications in Medicinal Plants and their Bionanocomposites: An Ayurvedic Approach, Book Chapter: Bionanocomposites Drugs with Medicinal Plants for Virology Applications, Cambridge Scholars Publishing, 2024, ISBN: 978-1-0364-0228-0.
- **Patent Name: -** Blood Glucose Meter with Insulin Dispenser, IP-Australia 202215920, 2023.
- **Research Guidance -** i) Ph.D. – 02(ongoing) ii) PG – 55