

## PERSONAL PROFILE

**Name:** Namrata Manglani

**Designation:** Assistant Professor.

**Qualification:** M.Sc. NET , Pursuing PhD.

**Experience:** 8.5 years

**Email ID:** sakec.namratam@gmail.com

**Area of Specialization:** Particle Physics and Electronics.

**Number of Publications:**

- **Number of National Journal: - NIL**
- **Number of International Journal: - NIL**
- **Number of National Conference: 01**
- **Number of International Conference: 01**

**Achievements:**

- **Conferences:**
  1. Published a review titled “ Possibilities and Challenges of nano medicine: A mini review” at International conference on Recent trends of Computer Technology in Academia, ICRTCTA 2012 on April 21, 2012 to April 23, 2012.(Book of Abstracts Pg. 182)
  2. Presented and published a paper titled “ Auras” at National Conference on Emerging Technologies & Applications in Engineering & Sciences (NCETAES - 11), Saraswati College of Engineering on February 03, 2011 to February 04, 2011. ISSN 0974-0678. Pg. 424-426.
- **Academic & co-curricular Acievements:**
  1. Cleared PhD entrance test of Mumbai University with 71 % in 2011.
  2. Cleared National Elligibility test for lecturership in 2010.
  3. Ill rd Topper at M.Sc. level at Sant Gadge Baba Amravati University in 2007.
  4. I st Merit in Physics at Mumbai University for Bachelors of Science in 2005.
  5. Bagged first prize in various intercollegiate debates and elocutions.
  6. Bagged prize for essay writing and got published self-written poems and articles in magazines.
  7. Passed Rashtra Bhasha Exams upto Parichaya level.



- Projects Accomplished:
  1. Direction and Speed control with Micro stepping of Stepper Motor.
  2. Temperature Indicator using LM317
  3. Electricity generation using steam.
  
- Schools Attended:
  1. Course in Quantum Field Theory by Prof. Sreerup Raichoudhuri., CEBS-MU, University of Mumbai. January 2014- April 2014.
  2. Short Term Training Programme (STTP) on “Research Methodology and Current Trends” organized by Shah and Anchor Kutchhi Engineering College from December 16, 2013 to December 20, 2013.
  3. Attended SERC PREPARATORY SCHOOL in Theoretical High Energy at Department of Physics, Tezpur University from June 17, 2013 to July 13, 2013.
    - a) Quantum Field Theory by Dr. V.S. Nemani
    - b) Group Theory by Dr. Anindya Datta
    - c) Particle Physics and Standard Model (PPSM) by Prof. Probir Roy
    - d) General Theory of Relativity (GTR) by Dr. Tirthankar Roy Choudhury
    - e) Statistical Methods in Physics (SMP) by Prof. Satyaki Bhattacharya
  4. Course in Quantum Field Theory by Prof. Sridhar K., Physics Department, University of Mumbai. August 2012- November 2012.
  
- STTP's attended:
  1. Short Term Training Programme (STTP) on “Research Methodologies and Current Trends” organized by Shah and Anchor Kutchhi Engineering College from Dec. 16, 2013 to Dec. 20, 2013.
  2. Short Term Training Programme (STTP) on “Digital Signal Processing with Image Processing” organized by Shah and Anchor Kutchhi Engineering College from July 09, 2012 to July 13, 2012.
  3. Short Term Training Programme (STTP) “Advanced Web Technologies” organized by Shah and Anchor Kutchhi Engineering College from January 17, 2012 to January 21, 2012.
  4. Workshop on “Emotional Intelligence” organized by Shah and Anchor Kutchhi Engineering College on August 20, 2011.
  5. Short Term Training Programme (STTP) “Presentation and Effective Teaching Techniques” organized by Shah and Anchor Kutchhi Engineering College from July 18, 2011 to July 22, 2011.
  6. Short Term Training Programme (STTP) on “Virtual Instrumentation” organized by Shah and Anchor Kutchhi Engineering College from July 11, 2011 to July 15, 2011.
  7. Short Term Training Programme (STTP) on “Accreditation and ISO Certification of Technical Institution” organized by Datta Meghe College of Engineering from July 13, 2009 to July 24, 2009.
  8. Workshop on “Virtual Nanolab” organized by Quantum Wise and National Center for Nanomaterials & Nanotechnology, University of Mumbai on October 14, 2009.