**BIODATA**



**Name: -** Mrs. Joshi Snehal Santosh

**DOB:-** 11-05-1967

**Permanent Address :**12, Devraj Row House,

 Behind Pokar Colony, Dindori

 Road, Nashik, Maharashtra.

 Contact No. : 9850896489

**Email:-** snehjosh1@rediffmail.com

 ssj.sci@gmail.com

**Education-Qualification:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Degree | Year  | University  | Class Obtained  |
| 1 | M.Phil. in Physics | 1993 | Mumbai | ---- |
| 2 | M.Sc. in Physics | 1989 | Mumbai | 63% |
| 3 | B.Sc. in Physics | 1987 | Mumbai | 59.5% |

 **Employment Record:-**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | University/Employer  | Designation  | Period |
| 1 | K. K.Wagh Institute ofEngineering Educationand Research, Nashik | Associate Professor | From 1/10/2010Till date |
| 2 | K. K.Wagh Institute ofEngineering Educationand Research, Nashik | Lecturer Selection Grade | From 1/7/2006 to 30/9/2010 |
| 3 | K. K.Wagh Institute ofEngineering Educationand Research, Nashik | Senior Lecturer | From 1/7/1998 to 30/6/2006 |
| 4 | K. K.Wagh Institute ofEngineering Education and Research, Nashik | Lecturer | From 8/2/1990 to 30/6/1998 |

**Achievements:**

1) Minor Research Project granted by UGC, Pune on “Study of structural, electrical & optical

 Properties of polycrystalline thin films prepared by spray pyrolysis method” was carried out

 during the period 31st Jan. 1997to 25th Sept.1999.

2) The Research Project granted by BCUD, University of Pune of approx. cost 1.5 Lacs

 on the topic titled “ To develop prototype model on dryer for agricultural application” for the

 period 2007-2009 is completed.

3) The Research Project granted by BCUD, Savitribai Phule Pune University on the topic titled,

“ Synthesis, characterization and analysis of tin sulphide and selenide thin films in special

reference to develop efficient and economically desirable photovoltaic cell” is in

progress. The grant received for the said project is 1,40,000/- for the period 2014-2016.

**Paper Presentation in Conference:-**

1) Presented a paper titled “Computers in Class-room & Lab.” in the 18th IAPT Convention &

 National symposium on Physics & Technology development at H.M.V., Jalandhar ( Punjab )

 on 18th to 20th Dec.2003.

2) Presented a paper on “e-Education” at the National Conference on “Bridging the Digital

 Divide” in Sriji College, Ongole during 1st & 2nd Feb. 2004 organised by CSI.

3) Presented a paper on “e-Education” at XIX Annual Convention of IAPT at the School of

 Studies in Physics, Jiwaji University, Gwalior during 29th to 31st Oct. 2004.

4) Presented a paper titled “Virtual Lab” in the International Conference on Physics Education

 at Vigyan Bhavan, New Delhi during 21st to 26th August 2005.

5) Presented a paper titled “e-Education through Virtual Lab”in the National Conference

 “Convergence with Physics” at SNTI Auditorium, Jamshedpur, organised by Deptt. of

 Physics, Jamshedpur Women’s College, Ranchi University during 10 – 11 October 2006 &

 sponsored by UGC.

6) Presented a paper titled “Applications of Sensors in Agri- Electronics”in the 13th National

 Seminar on Physics & Technology of Sensros at University of Pune, Pune organised by Centre

 of Sensor Studies, Deptt. of Electronic Sciences, University of Pune, during 3rd -5th March

 2008.

7) Participated & presented a poster in Regional Conference for Pune University College

 Teacher “Innovation-2008” for the Discipline Physics held at PVP College, Pravaranagar

 organised by BCUD, University of Pune on 26th -27th Nov. 2008.

8) Presented a paper in Regional Conference for Pune University College Teacher “Innovation-

 2009” for the discipline Physics held at N.A.C. & Sci. College, Ahmednagar organised by

 BCUD, University of Pune on 9th -10th Dec. 2009.

9) Presented a paper titled “Study of synthesis of SnS thin film by chemical method” in the

 International Photovoltaic Solar Energy Conference at University of Pune, Pune organised by

 Department of Physics, SPPU, during 30th July -1st August 2015.

10) Participated & presented a poster entitled “Study of chemical deposition of SnS & SnSe thin

 films for the photovoltaic application”in Regional Conference for Pune University College

 Teacher “Innovation-2015” for the discipline Physics held at Dr.DYPIEMR, Akurdi, Pune

 organised by BCUD, SPPU on 6th July 2015.

11) Participated & presented a paper entitled “Synthesis and characterization of tin sulphide thin

 films by chemical deposition for the photovoltaic application”in Regional Conference for

 Pune University College Teacher “Innovation-2016” for the discipline Engineering Physics

 held at K.R.Sapkal College of Management Studies, Nashik, organised by BCUD, SPPU on

 1st October 2016.

**Paper published :**

Paper titled,” Grape Dryer Using Infrared Radiation : An Experimental Study” published in

Journal of Food Science & Technology, Nepal, Vol. 8 (18- 22 ) 2013 [ISSN No. 1816-0727] in

June 2014.

**Courses Attended From 2004 onwards:**

1) Attended QIP Short Term Course on “Geothermal Energy Resources” conducted by

 IIT, Mumbai during 27th Sept. to 3rd Oct.2004.

 2) Attended Refresher Course in “Computer Applications in Physics” conducted at K.T.H.M.

 College, Nashik from 27th Dec. 2004 to 16th Jan. 2005 sponsored by UGC, Pune.

3) Attended a Four Days Workshop “EN-PHYSICS” at Sinhgad College of Engg., Vadgaon (Bk),

 Pune from 20th to 23rd Dec.2006 sponsored by UGC & University of Pune.

4) Participated in the One Day Seminar on “Nano Technology: Concept, Scope & Applications”

 sponsored by University of Pune & organised by Deptt. Of Science, K.K.Wagh Arts,

 Commerce, Science & Computer Science College, Nashik on 17th Feb. 2007.

5) Participated in the State level workshop on the "Emerging Trends in Solar Energy, Wind

 Energy and Fuel Cells", held at PVG's college of Engineering, Nashik in association with

 University of Pune, Pune on 24-25 Feb.2012.

6) Participated in One Day Workshop on syllabus implementation of Engineering Physics for

 F.E. at PVG's college of Engineering, Pune on 2nd August 2012.

7) Attended workshop on “Research methods in Educational Technology” conducted by IIT,

 Bombay on 2nd & 9th Feb.2013.

8) Participated in a Two-week ISTE STTP on “Engineering Physics” conducted by IIT, Bombay

 from 8th Dec. To 18th Dec.2015 , held under the National Mission on Education through ICT

 ( MHRD )

**Book Published: -** Co-author of “Engineering Physics” Textbook ISBN – 9789350387597,

 Technical Publication (SPPU – F.E. Common to all branches).

**Area of Interest:-** Semiconductor Physics, Thin film Solar cell.