**FORMAT OF BIODATA**

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| **Insert**  and address here  **Wani Punam Nilesh**  **Yashom Lifespaces, B-18, Shindewasti,**  **Ravet, Pune 412101** |  |

**Designation: Asst.Prof.**

**Educational Qualification:  M.Sc. (Physics)**

**Teaching Experience: 14 years**

**Classes Taught: F.Y.,T.Y.B.Sc.,M.Sc.I & II Year**

**Faculty development programmes (Orientation/ Refresher/ Short term courses):**

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| **Faculty development programmes** | **Date** | **Place** |
| **Orientation** | **26/07/10 to 22/08/10** | **SPPU, ASC, Pune** |
| **Refresher in environmental studies II** | **9/12/11**  **to 29/12/11** | **BAMU, ASC Aurangabad** |
| **Refresher in Advances and applications in physical sciences** | **27/10/14 to 16/11/14** | **Department of Electronics, SPPU, Pune** |
| **Faculty Development Programme** | **2 /4/2018  to**  **6/4/ 2018** | **COEP, Pune** |

**Research Area**: Synthesis of materials, thick film

**Research Projects:Nil**

**Research Articles published In Journals:**

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| **Article title** | **Journal name** |
| **DSSC characteristics of nano crystalline TiO2prepared by using simple precipitation with acidic route** | **IJRAR March 2019, Volume 6,**  **Issue 1,**  **E-ISSN 23481269** |
| **Effect of precipitation conditions on crystallization of TiO2 nanoparticles in acidic route** | **International research journal of science and engineering, Special Issue A1: 1- 7,**  **ISSN: 2322-0015,** |
| **Green synthesis and dye-sensitized solar cell application of rutile and anatase TiO2 nanorods** | **J Solid State Electrochem**  **DOI 10.1007/s10008-016-3376-3**  **Aug 2016** |
| **Selective low-temperature chlorine gas sensing properties of bio-inspired nanocrystalline TiO2** | **International research journal of science and engineering**  **Special Issue A1: 81-86,**  **ISSN: 2322-0015,** |
| **Precipitation of Ti hydroxide leading to TiO2 powders in Acidic-basic media** | **International journal of chemical and physical sciences vol.7, special issue, RTCS- April-2018** |
| **Biosynthesis of Ag Nanoparticles (Ag-Nps) by using Musa balbisiana extract** | **International journal of multifaceted and multilingual studies Vol. II, issue V.**  **issn 2350-0476** |
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**Paper presented in International Conference:**

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| **Sr. No** | **Name of seminar** | **Place** | **Dates** | **Title of paper** |
| **1** | **International conference on ‘Advanced materials development and performance 2017’** | **Pune university** | **11/7/2017 to 15/7/2017** | **Paper presented on ‘Effect of precipitation condition on TiO2 powders’.** |
| **2.** | **ICANN 17** | **T. C. College Baramati** | **7 to 9 Dec 2017** | **Effect of precipitation conditions on crystallization of TiO2 nanoparticles in acidic route** |
| **3.** | **FESEM  2016** | **B. R. Gholap College Sangavi** | **10 Mar 2016 to 12 Mar 2016** | **poster presented on “Green Synthesis of ZnO particles by Musa balbisiana leaves”.** |

**Paper presented in National/ State/ University level Conference: Nil**

**Awards/Honours:Nil**

**Innovations in Curriculum design and transactions: Nil**

**Resource Person: Nil**

**Seminars/Workshops/ Training courses attended:**

**1. Participated in state level seminar on Emerging trends in physics- 2015’ organised by Anantrao Pawar College, Pirangut on 6-7 Feb 2015.**

**2. participated in workshop on characterization techniques at Hadapsar.**

**Participation in community/ Social Services: Nil**

**Memberships on various bodies: Nil**

**Computer Skills: MS-CIT, C-Programming.**