

# NAAC

## Teacher Profile

### A] Personal Details :

Name of the Teacher : Dr. Sumayya Isak Inamdar

Date of Birth : 13th may 1989

Educational Qualification : M.Sc., Ph.D.

Designation : Assistant Professor

Name of Dept. : Physics

Email : sumayyaphysics@gmail.com

Mobile : 9923275507



### B] Awards :

**University Grants Commission, Maulana Azad National Junior Research Fellowship (MAN-JRF) (01-07-2011 to 30-06-2013)**

**University Grants Commission Maulana Azad National Senior Research Fellowship (MAN-SRF) (1-07-2013 to 23-10-2015)**

### C] Co-curricular Activities : NA

Sr.No.	Refresher/Orientation/Training completed.	Rank	Year	Place
1				
2				

Sr. No.	Lecture delivered to	Topic	Date	Place
1				
2				

Sr. No.	Major/Minor Research Project (Title, Funding Agency)	Duration	Year	Status			Amount (Lakh)	
				Completed	Ongoing	Proposal Submitted	Received	Sanctioned

Sr. No.	Research Guide for M.Phil/Ph.D.	Number of students	
1		Registered	Awarded
2			
Total=			

**Details of the Seminar, Conferences, Workshops : Participation, Presentations etc.**

Sr. No	Title of paper	Name of the conference
1.	Studies on synthesis and characterization of co-precipitated Zn <sub>2</sub> PbO <sub>4</sub>	NSAM-2011 Shivaji University, Kolhapur
2.	Studies on synthesis and characterization of co-precipitated nanocrystalline Zn <sub>2</sub> PbO <sub>4</sub>	ICPM-MDF-2012 Shivaji University, Kolhapur
3.	Studies on the synthesis and characterization of co-precipitated nanocrystalline Zn-Pb-O bulk system	MAM-12, K. S. Rangasamy college of Technology, Coimbatore, Tamil Nadu
4.	UV photoconductive detector on spray deposited ZnO thin films	Vivekananda college, Kolhapur
5.	Dielectric properties of undoped and Al-doped ZnO powder prepared by a chemical co-precipitation technique	NSPM-MDF 2013 Shivaji University, Kolhapur
6	Studies on complex impedance spectroscopy and dielectric properties of ZnO and Al doped ZnO powders prepared by a chemical precipitation method	ICAER 2013, IIT Mumbai
7	High performance Al doped ZnO UV photodetector	IRCS-2017 Department of Chemistry, Shivaji University, Kolhapur.

**F) Publications of Books :**

Sr. No.	Subject	Author/s	Title	Class	Publisher	Year	With ISBN	Without ISBN
1.	ZnO based UV photodetector	Sumayya I Inamdar kesu Y Rajpure Vinayak V ganbavle	ZnO based UV photodetector		Limbert publisher, Germany.	2016	978-3-659-94168-9	

**G]1. Paper and Articles publications in International Journals**

Sr. No	Title of paper	Journal name
1.	High-performance metal–semiconductor–metal UV photodetector based on spray deposited ZnO thin films	Journal of Alloys and Compounds <b><i>I.F. 2.999</i></b>
2.	Studies on the synthesis and characterization of co-precipitated nanocrystalline Zn–Pb–O	Journal of Molecular Structure <b><i>I.F. 1.602</i></b>
3.	Effect of Co doping on structural, morphological and LPG sensing properties of nanocrystalline ZnO thin films	Sensors and Actuators A: Physical <b><i>I.F. 1.902</i></b>
4.	ZnO based visible-blind UV photodetector by spray pyrolysis	Superlattices and Microstructures <b><i>I.F. 2.097</i></b>
5.	Effect of the buffer layer on the metal–semiconductor–metal UV photodetector based on Al-doped and undoped ZnO thin films with different device structures	physica status solidi (a) <b><i>I.F. 1.512</i></b>
6.	Synthesis of fast response, highly sensitive and selective Ni: ZnO based NO <sub>2</sub> sensor	Chemical Engineering Journal <b><i>I.F. 4.321</i></b>

### Top 25 Hottest Articles in Various Subject Areas :

- *Sensors and Actuators A: Physical*, 216 (2014) 328-334, Ranked **13<sup>th</sup>** on the top 25 for **July to September 2014**
- *Superlattices and Microstructures*, 76 (2014) 253-263; Ranked **16<sup>th</sup>** on the top 25 for **October to December 2014**

### 2. Paper and Articles publications in National Journals

Sr.No.	Title of The Paper	Author/s	With ISSN Number	Without ISSN	Impact Factor	Year	Peer/Non-peer revived/e-Journal etc.
1							
2							
3							

### 3. Paper and Articles publications in Other Journals

Sr.No.	Title of The Paper	Author/s	With ISSN Number	Without ISSN	Impact Factor	Year	Peer/Non-peer revived/e-Journal etc.
1							
2							
3							

4. Workshop/Conference/ Seminar Organized:

5. Acted as a Coordinator/Convener/member of working committee:

i)

ii)

iii)

6. Member of Professional Organisation :-

7. Contribution in Social Work/Extension activity.

8. Life Membership of Research Society/Journals.

9. Academic Awards :-

Name of the Award	Regional/State/National	Agency	Year of Award

10. Interviews on Media.

Name of Media	Title of Interview	Year

11. Books Edited /Chapter/s -Edited in Books.

Name of Book	Author/s	ISBN / ISSN NO.	Publisher	Year of Publication.

**Dr. Sumayya Isak Inamdar**