

## STAFF PROFILE



**Ms. Mridula Chandola**

Assistant Professor

Applied Science & General Engineering

mchandola@aitpune.edu.in

*Date of Joining*  
06/09/2010

*Nature of Appointment*  
Regular

### Educational Details

Qualification	Degree	University	Grade	Year
PG	MPhil	Pune University	A grade	2006

### Areas of Interest

### Experience Details

Total : 17.00 years	Teaching : 17.00 years	Research : 0.00 years	Industry : 0.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Educational	17.00 Years	AP Army Institute of Technology	

## Journal Publications

1. Sujata Marathe, Seema Tiwari, Vitthal Hivrale, Mridula Chandola, Sachin Tanwade, (2018). Size based comparison of colloidal silver nanoparticles as coolants. *International Journal of Scientific Research and Review*. 7(5), 195. ISBN/ ISSN No : ISSN -2279-543x.
2. Sujata Marathe, Mridula Chandola, Seema Tiwari, Vitthal Hivrale, (2016). Controllable refractive index of PVA-Ag films. *International Journal of Innovative and emerging research in engineering*. 3(4), 43. ISBN/ ISSN No : ISSN-2394-3343.
3. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Rathore, (2016). Synthesis and Characterization of nanocomposites for drug delivery applications. *IOSR Journal of Polymer and Textile Engineering*. 3(6), 1 - 7. ISBN/ ISSN No : ISSN 2348-019.
4. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Rathore, (2016). Synthesis and Characterization of nanocomposites for drug delivery applications. *IOSR Journal of Polymer and Textile Engineering*. 3(6), 1 - 7. ISBN/ ISSN No : ISSN 2348-019.
5. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Rathore, (2016). Synthesis and Characterization of nanocomposites for drug delivery applications. *IOSR Journal of Polymer and Textile Engineering*. 3(6), 1 - 7. ISBN/ ISSN No : ISSN 2348-019.
6. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Singh, (2016). Synthesis and characterization of nanocomposites. *International Journal for Scientific Research and Development*. 4 (7), 919. ISBN/ ISSN No : ISSN 2321-0613.
7. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Singh, (2016). Synthesis and characterization of nanocomposites. *International Journal for Scientific Research and Development*. 4 (7), 919. ISBN/ ISSN No : ISSN 2321-0613.
8. Sujata Marathe, Seema Tiwari, Mridula Chandola, Nikhil Thakur, Ravindra Singh, (2016). Synthesis and characterization of nanocomposites. *International Journal for Scientific Research and Development*. 4 (7), 919. ISBN/ ISSN No : ISSN 2321-0613.
9. Sujata Marathe, Mridula Chandola, (2008). [A QSPR for the plasticization efficiency of polyvinylchloride plasticizers](#). *Journal of Molecular Graphics and Modeling*. 26(5), 824. ISBN/ ISSN No : <https://doi.org/10.1016/j.jmglm.2007.04.008>. URL : <https://doi.org/10.1016/j.jmglm.2007.04.008>.

## Conference Publications

1. Sujata Marathe, Seema Tiwari, Mridula Chandola, (2011). Sol-Gel Hybrids with controllable refractive index: Preparation and characterization. *National conference on nanotechnology and communication and pattern recognition (NCONCPR – 2012)*. 1(B 29 S), 49. ISBN/ ISSN No : ISBN-978-81-920427-0-1.

## Workshop

1. ISTE & IEI Approved National Level One Week Online FDP on “Advanced Teaching Tools, Techniques and Methodologies for Outcome Based Education” (Attended), OBE, 2020, 05-06-2020
2. Faculty Development Program in Entrepreneurship (Attended), -, 2019, 20-12-2020
3. NPTEL online certification for NBA Accreditation and Teaching - Learning in Engineering (NATE) (Attended), NBA accreditation, 2019, April 2020
4. Python (Attended), Python, 2019, Pune

## Research Grants

Title Of Project	Funding Agency	Duration		Sanctioned Amount	Role of Investigator
Computational Study Synthesis and Characterization of Organic Inorganic hybrids	BCUD	21/07/2009	26/04/2012	200000.00	Co-Investigator

## Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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## Professional Memberships

Society	Membership No	Duration
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## Achievements/ Contribution

Year	Details
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**No of PhD Students Guided : 0      No of PG Students Guided : 0**  
**No of PhD Awarded Students : 0**