

FORMAT



- Name: JYOTSNARANI PANDA
(Passport size photograph)
- Qualification: (P.G. and above): M.Sc. (Spln- Advanced Organic Chemistry)
- Designation: Asst. Prof. of Chemistry
- Email Id: [jyotsna.p74@gmail.com](mailto: jyotsna.p74@gmail.com)
- Area of interest: Organic Chemistry, Environmental Chemistry & Molecular Spectroscopy
- Area of Research: Environmental Chemistry
- Teaching Area:
 - **UG :- Organic Chemistry**
 - Stereo chemistry (Chemistry of Hydro Carbons- Carbon- carbon Pi bond
 - Alcohols, Phenols, Ethers, Epoxides, Carbonyl compounds, Active Methylene compounds, Amines, Nitro compounds, Hetero cyclic compounds, Alkaloids, Carbohydrates, amino Acids, Peptides & Proteins, Nucleic Acids
 - Pharmaceutical compounds, Dyes
 - UV- Spectroscopy
 - Physical Chemistry**
 - Ionic Equilibria, Chemical Equilibrium
 - Chemical Kinetics
 - Molecular Spectroscopy (Rotational, Vibrational, Raman, Electronic Spectroscopy)
 - Electron Spin Resonance Spectroscopy
 - Inorganic Chemistry**
 - Organometallic Compounds, Metal Carbonyls
 - Chemical Bonding
 - Chemistry of s- and p- Block elements
 - Noble Gases
 - Transition Elements
 - Lanthanoids and Actinoids
- **PG :- Organic Chemistry** (Reaction Mechanisms, Pericyclic Reactions) ,
Molecular Spectroscopy, Synthesis of Hetero cyclic and Complex Molecules
- Total No. of Teaching Experience (years):
 - UG - 13 years

- PG - 2 years

- Research Supervision

- Completed (M.Phil./Ph.D./ D.Sc./D.Litt.)

Sl.No	Name of the Student	Degree	University	Title of the thesis	Date of Registration	Date of Submission	Date of award of Degree
-	-	-	-	-	-	-	-

- Ongoing (M.Phil./Ph.D./ D.Sc./D.Litt.)

Sl.No	Name of the Student	Degree	University	Title of the thesis	Date of Registration
-	-	-	-	-	-

- Publication Profile

- Research Articles Published: -
- Books Chapters Published: -
- Books Published: -
- Articles Published in Newspapers/ Magazines: -

11) Research Project:-

Sl No	Department	Type (Major/ Minor)	Name of the Funding	Funds Provided (In Rs in Lakhs)	Title of the Project	Month & Year of Receiving Grant	Duration of the Project	Completed/ On-going (Date of Completion/ Expecting completion)
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12) Paper Presentation in Conferences/ Seminars: -

13) Invited Lectures / Special Lectures/ Resource persons or Presentation at Conference/ Workshops: -

14) Award & Distinctions : -

15) Association with Professional Bodies : -