

Name: DR. SASWATI CHATTERJEE

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Designation: Associate Professor (H.O.D. of Chemistry)

Academic Qualification: M.Sc (Organic Special), Ph.D (C.U.)

Teaching Experience: Engaged in teaching Chemistry in the college since 2002.

Title of the Thesis: 'Studies on the Chemistry of the Secondary Metabolites of some Indian orchids.'

Research Experience: 1. Worked as a research scholar in the department of chemistry, University of Calcutta from 1984 to 1989 under the guidance of Prof. P.L. Majumder.

2. Post doctoral work in the department of chemistry, University of Calcutta as Research Associate (CSIR) from 1990 to 1997 under the guidance of Prof. P.L. Majumder.

List of publications:

1. Structure of pholidotin, a new triterpene from orchids *Pholidota rubra* and *Cirrhopetalum elatum* P.L.Majumder, A.Pal and S.Lahiri, **Indian J. Chem.**, **26B**, 297 (1987)
2. Chemical constituents of the orchid *Lusia indivisa* P.L.Majumder and S.Lahiri, **Indian J. Chem.**, **28B**, 771 (1989)
3. Volucrin, a new dimeric phenanthrene derivatives from the orchid *Lusia volucris*, P.L.Majumder and S.Lahiri, **Tetrahedron**, **46**, 3621 (1990)
4. Lusianthrin and Lusianthridin, two stilbenoids from the orchid *Lusia indivisa*. P.L.Majumder and S.Lahiri, **Phytochemistry**, **29**, 621 (1990)
5. Occurrence of lignans in the orchidaceae plants *Lusia volucris* and *Bulbophyllum triste* P.L.Majumder, S.Lahiri and S.Pal, **J. Indian Chem. Soc.**, **71**, 645 (1994)
6. Chalcone and Dihydrochalcone derivative from orchid *Lusia Volucris* P.L.Majumder, S.Lahiri and N. Mukhoti, **Phytochemistry**, **40**, 271 (1995)
7. Four stilbenoids from the orchid *Agrostophyllum khasianum*. P.L.Majumder, S.Lahiri and N.Mukhoti, **Phytochemistry**, **42**, 1157 (1996)
8. Dimeric phenanthrenes from two *Agrostophyllum* species. P.L.Majumder, S.Lahiri, S.Banerjee, N.Mukhoti and S.Sen, **Phytochemistry**, **47**, 885 (1998)
9. The reaction of phenols with- unsaturated aromatic amines in presence of polyphosphoric acid: synthetic and mechanistic studies. P.L.Majumder, S.Chatterjee (nee' Lahiri) and N.Mukhoti, **J. Indian Chem. Soc.**, **78**, 743 (2001)

10. Agrostophyllanthrol and isoagrostophyllanthrol, two novel diastereomeric phenanthropyran derivatives from the orchid *Agrostophyllum khasiyanum*; P.L.Majumder, N.Mukhoti and S.Chatterjee(nee' Lahiri), **J.Indian Chem.Soc.**, **85,1315 (2008)**

Paper presented at National Seminar: 10

Awarded Dr. J.M. Dasgupta memorial award, 1989 for presentation of the paper in organic chemistry section during Annual Convention of Chemists, 1989 held at Devi Ahilya Vishwavidyalaya, Indore on December, 1989.

List of published books:

1. **Stilbenoids** ISBN: 978-93-84334-03-1 Published by Power Publisher 2013
 2. **Spectral Study on Stilbenoids** ISBN: 978-93-84334-04-8 Published by Power Publisher 2013
 3. **Spectroscopy** ISBN: 978-81-85459-18-9 Published by Radical Impression; January, 2016
 4. **Organic practical** ISBN: 978-81-85459-41-2 Published by Radical Impression; November, 2016
 5. **Organo nitrogen and molecular rearrangement** ISBN: 978-93-86526-64-9 Published by Power Publisher; January, 2017
- The recently revised edition of the spectroscopy book as "**Organic spectroscopy**" follows the new CBCS syllabus.