

CURRICULUM VITAE
Sukla Maiti



Present Position: Associate Professor in Chemistry (5th November, 2009 – till date), Behala College, Behala, Kolkata – 700 060

Educational Qualification: B. Sc. Chemistry Honours (1979), University of Calcutta (C. U.)
M. Sc. (Specialisation in Organic Chemistry), C. U. 1981.
Ph. D. From C. U. (Submitted in April, 1989; awarded in April, 1991).
Post Doctoral Research: Five years from 1992-1996; Dept. of Chemistry, University of Calcutta.

Present Address: 117, Balia Park, Purba Balia, Garia, Kolkata – 700 084.
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Research Experience: 1983 – 1986, JRF (NET) CSIR (Dept. Of Chemistry, C. U.)
1986 – 1988, SRF (NET) CSIR (Dept. Of Chemistry, C. U.)
Ph. D. Thesis (1991): Title “Nitrogen Heterocycles and Single Electron Transfer Reaction”.
Supervisor: Professor Avijit Banerji, Dept. Of Chemistry, C.U.

1988 – 1991: Research Fellow in Project “Studies on Anti Fertility Agents of Indian Medicinal Plants”.
Supervisor: Professor Asima Chatterjee, C. U.

1992 , January – 1996, December, Post- Doctoral Research: CSIR Research Associate on Project “Application of Single Electron Transfer Reagent to Organic Synthesis and Studies On Natural Products”.
Supervisor: Professor Avijit Banerji, Dept. Of Chemistry, C. U.

Merits & Awards: National Eligibility Test (NET), in March, 1983, Qualified Council of Scientific and Industrial Research (CSIR).
Research Associate ship (CSIR), November, 1991.

Stood 1st in First Class in M. Sc. Chemistry, 1981 (Order of Merit). University of Calcutta.

Teaching Experience: **UG: Honours and General, 24 Years.**
Courses Teach: Theoretical class – Reaction Mechanism, Stereochemistry, Heterocyclic Chemistry and Retrosynthetic Analysis.
PG: PG Department of Chemistry, Behala College (Affiliated under University of Calcutta), 2015 – till date.
Guest Lecturer: Fifteen years (Vidyasagar University, Medinipur;
Jadavpur University, A. P.C. College, Barrackpore (under W. B. State University).
Courses Teach: i) Heterocyclic Chemistry, Reactions and synthesis.
ii) Pericyclic Reaction.
Practical Classes: Qualitative, Quantitative Organic Analysis and Synthesis of Organic Compounds (UG & PG)

Details of Publications:

1. Correlation of Substituent Effect on Carbon – 13 NMR Chemical Shift of Side Chain Carbons in 5-Aryl-2E,4E-pentadienoic acid Derivatives by Taft DSP equation; Avijit Banerji, Tapasree Banerji(nee Ghosh), Ratna Sengupta, Piyali Sengupta, Sukla Maiti, K. K. Banerji and S. Gupta; J. Ind. Chem. Soc. , 2001, **78**,739-741. (Platinum Jubilee Special Issue).
2. Part V. Reaction of Single Electron Transfer Reagent: Reaction of Coumarin and 4-Methylcoumarin with Sodium Naphthalenide; Avijit Banerji, Jyoti Nath Paul, Sukla Maiti(nee Jana) and Kumar Ranabir Sur; Lnd. J. Chem. ,1994, **53B**, 576-578.
3. Studies on SET Reagents Part – IV. Reaction of Nitrogen Heterocycles with Sodium Naphthalenide; Avijit Banerji and Sukla Maiti (nee Jana); Tetrahedron, 1994, **50**, 9079-9096.
4. Reaction of Sodium Naphthalenide with N-methyloxindole under Aprotic conditions; Avijit Banerji and Sukla Maiti (nee Jana), Indian J. Chem. 1994, **33B**, 532-539.
5. Diastereoselective Reductive Dimerisation using Sodium Naphthalenide – A Single Electron Transfer (SET) Reagent; A. Banerji, K. R. Sur, Sukla Maiti (nee Jana) and J. N. Paul; Proceedings of the National Seminar on Chemical Reactivity: Recent Trends, Journal of the Department of Chemistry, Gauhati University, 1994, **Vol. 1**, pp. 19-26.
6. Antifertility Effect of Piper Betle Linn. (Stalk) in Adult Male Rats; A. Chatterjee, P. Adhikari, J. Banerji, D. Choudhury, S. Jana and A. Sen. Gupta; J. Ind. Chem. Soc. , 1994, **71**, 81-84.
7. Part – II. Reaction Single Electron-Transfer Reagent: Reaction of Isoquinoline with Sodium Naphthalenide; A. Banerji and S. Maiti (nee Jana); Ind. J. Chem., 1993, **32B**, 889-891.

- 8.** Structure and Synthesis of Aurantiamide Benzoate – a modified dipeptide; A. Banerji, R. Ray (nee Das), D. Bandyopadhyay, S. Basu (nee Sinha), S. Jana, A. Bose (Late) and P. L. Majumder; Ind. J. Chem.; 1993, **32B**, 776-778.
- 9.** The Structure and Stereochemistry of D (+) Pinitol, Application of 2D NMR Spectroscopy; D. N. Mondal, B. R. Barik, A. K. Dey, A. B. Kundu, Avijit Banerji and Sukla Maiti (nee Jana); J. Ind. Chem. Soc. ,1993, **70**, 651-652.
- 10.** Pregnancy Interceptive Effect of Piper Betle, D. Chowdhury, P. Adhikari, J. Banerji, S. Jana, S. R. Mukherjee and A. Chatterjee; Fitoterapia, **Vol. LXXII, N5**, 1991, 397-401.
- 11.** Reaction of Cinnamic Acid Derivatives with Sodium Naphthalenide- a Single Electron Transfer Reagent; Avijit Banerji, Sukla Jana and Kumar Ranabir Sur; J. Ind. Chem. Soc. (Invited Paper in Acharya Prafulla Chandra 125th Anniversary Issue of Journal of Indian Chemical Society, Aug. – Oct. , 1989, **Vol. 66**, p. 664-67.
- 12.** Chemical Investigation of Alstonia congensis Engl. – Isolation of Rhazine, Avijit Banerji and Sukla Jana; J. Ind. Chem. Soc. , 1986, **63**, 449-450.

Participation in Scientific Societies / Academic / Administrative Bodies:

- 1. Life Member of Indian Chemical Society and Indian Association for the Cultivation Science.**
- 2. Member of Internal Quality Assurance Cell, Behala College, (2014 – till date, Coordinator, 2014 – 2018.).**
- 3. Acted as in-charge, Department of Chemistry (2002 – 2004).**
- 4. Member of Governing Body of Behala College (June, 2015 – 2018).**
- 5. Board of Studies member of PG Department of Chemistry, University of Calcutta (Aug, 2018 – till date).**

Participated on Workshop / Seminars / Symposium (2015 – 2020).

1. National Conference on “Recent Development and Future challenges in Chemical Science” (RDFCS - 2020) on 26th February, 2020 at Behala College, Kolkata.
2. International Symposium on “Recent advances in Chemistry and Material sciences (2019) and The Celebration of the International Year of the Periodic Table” in Commemoration of The 158th Birth Anniversary of Acharya Prafulla Chandra Roy, organised by The Indian Chemical Society and Chemical Sciences Division, Saha Institute of Nuclear Physics, Kolkata, on august, 2019.
3. ICSSR sponsored International Conference on Migration and Displacement: Global Perspective on Issues and Challenges organised by Behala College on 10-11 January, 2019.
4. Professor Asima Chatterjee Centenary Seminar (PACCS-2018) on Recent Inventions in Chemical and Allied Sciences, held at the University of Calcutta, Kolkata on 23rd September, 2018.
5. International Conference on Chemistry for Human Development (ICCHD – 2018) held at Heritage Institute of Technology, Kolkata on January, 2018.
6. One day Symposium on “Life and Works of Professor Asima Chatterjee: A Centenary Tribute” organised by the Department of Chemistry, Scottish Church College, Kolkata, in collaboration with Royal Society of Chemistry, Eastern India Section, held on 29th August, 2018.
7. National Symposium on “Recent Advances in Chemistry and Industry 2016 (with special emphasis on Pharmaceutical Industry)” organised by Indian Chemical Society during 2nd and 3rd August, 2016 in commemoration of the 155th Birth Anniversary of Acharya Prafulla Chandra Roy.
8. National Symposium on “Current Perspectives in Chemical Research” held on March, 30, 2016 organised by Department of Chemistry, University of Calcutta.
9. One day National Seminar on “Knowledge Resource Management: E – Learning and Information Search” organised by IQAC and Library Committee of The Bhawanipur Education Society College and Behala College on 29th June, 2019.
10. Seminar Cum Workshop on “Quality Sustenance and Quality Enhancement in Higher Education: Problems, Challenges and Solutions” held at Saheed Anurup Chandra Mahavidyalaya, Burul, 24 Pgs, W. B. On 5th May, 2017.
11. Workshop for “Academic Administration on Catalytic Role of IQAC in Higher education Institution” held during 23 – 24 March, 2017 in UGC – HRD, University of Calcutta.
12. One day panel discussion on “Experiments in the New Syllabus of Chemistry under CBCS” organised by Department of chemistry, Basanti Devi College, Kolkata on 10th October, 2018.
13. One day workshop on “Choice Based Credit System (CBCS) in Chemistry” organised by IQAC and Department of Chemistry, Gokhale Memorial Girls’ College, Kolkata on May 24, 2018.
14. Principals’ Workshop on “CBCS in UG Curriculum: Design and Implementation” held on 10th March, 2018 in UGC – HRD, University of Calcutta.
15. Attended TEQIP – III, five days online Faculty Development Program on “Recent Advances in Chemical Biology and Drug Discovery (RA CB DD – 2020) 11 – 18

September, 2020 jointly organised College of Engineering and Technology and Institute of Chemical Technology, Bhubaneswar.

16. Participated in online Faculty Development Programme on “Trends in Chemical Sciences: Challenges and Opportunities in the Coming Decade” organised by Department of Chemistry, Central University of Jharkhand, Ranchi, India held from 21st to 26th September, 2020.

Apart from these, attended **Ten International Webinars and Fifteen National Webinars** during last academic session.