

FACULTY MEMBERS' ACADEMIC PROFILE

- 1. Name of the Faculty member:** Dr. Sobhan Niyogi
- 2. Designation:** Associate Prof. and OIC&DDO
- 3. Qualification:** M.Sc., M.Tech., Ph.D
- 4. Specialization:** Organic Chemistry
- 5. E-mail address:** nsobhan2@gmail.com
- 6. Date of Joining in W.B.E.S.:** 18-07-2002
- 7. Date of Joining in this College:** 20-01-2015
- 8. Total Teaching experience in College level:** 20 yrs
- 9. Research interests:** Organic and polymer chemistry
- 10. Title of thesis (Ph.D.) with year:** Modification of Polyimide Films, 1999, Submitted at IIT, Kharagpur
- 11. Research guidance:** Nil
- 12. Research Projects (Completed and ongoing):** Nil
- 13. List of publications:**

**A) Published papers in Journals:**

1. "Determination of Rate of Corrosion of Chromium Free Mild Steel in HCl (Dil) Medium", S Niyogi, *Conscientia*, Vol-II&III, P-30-39, 2015, [ISSN2278-6554]
2. "Synthesis and Characterization of Neopentyl Glycol based Quicksetting Polyurethane", S Sarkar, **S Niyogi**, D De, T Gupta, B Adhikari, *International J. Of Plastics Technology*, Vol-7, p. 9-26, 2003 (ISSN 0972-656X, I.F.1.38)
3. "Preparation and characterization of a polyimide membrane" **S Niyogi**, B Adhikari - *European polymer journal*, Vol-38, p. 1237-1243, 2002 (ISSN 0014-3057, I.F. 3.621)
4. "Catalytic activity of DBTDL in polyurethane formation" **S Niyogi**, S Sarkar, B Adhikari, *Indian J of Chemical Technology*, Vol-9, p. 330-333, 2002 (ISSN 0971-457X, I.F. 0.614)
5. "Separation of phenol–water mixture by membrane pervaporation using polyimide membranes" NC Pradhan, CS Sarkar, **S Niyogi**, B Adhikari - *Journal of applied polymer science*, Vol-83, p. 822-829, 2002 (ISSN 0021-8995, I. F. 2.19)
- 6 "Polyimide and nylon 6 blend film: preparation, characterization and thermal behavior" **S Niyogi**, S Maiti, B Adhikari, *Polymer Engineering & Science*, Vol-42/2, p.336-345, 2002 (ISSN 0032-3888, I.F. 1.92)

- 7 “Modification of a polyimide film by blending with nylon 6. Its characterization and thermal property evaluation” S Niyogi, S Maiti, B Adhikari - *European polymer journal*, Vol-37, p. 2079-2089, 2001 (ISSN 0014-3057, I.F. 3.621)
- 8 “Cyclodehydration of Poly (amic acid) to Polyimide” S Niyogi, S Maiti, B Adhikari - *International Journal of Polymeric Materials*, Vol-49, p . 323-330, 2001 (ISSN 0091-4037, I.F.3.6)
9. “Mechanical and electrical properties of polyimide blend films” S Niyogi, S Maiti, B Adhikari , *Indian J of Chemical Technology*, 8, p. 181-185, 2001 (ISSN 0971-457X, I.F. 0.614)
10. “Chemical durability of polyimide blend films” S Niyogi, S Maiti, B Adhikari, *Polymer Degradation and Stability*, Vol-68, p. 459-464 , 2000 (ISSN 0141-3910, I.F. 3.386 )

#### B) Conference Proceedings:NA

14. **Membership of Learned Societies/ Editorial Boards, etc.:** NA
- 15 **Patents:** PATENT, Indian, No. 205294, Dt. 30.03.2007
15. **Book:** A Manual of Degree Course PRACTICAL CHEMISTRY, 2016
16. **Other notable activities:** Officer in Charge and DDO , Krishnagar Govt. College  
Since 27-02-2017

#### 17. A) Participation in Seminars/Symposia/Conferences/Workshops:

1. UGC Sponsored Principals’ Meet-2018, At HRDC, Jadavpur University, 6<sup>th</sup> October 2018.
2. UGC Sponsored Principals’ Meet-2018, At HRDC, Jadavpur University, 20<sup>th</sup> January 2018.
3. “Biological Sciences in the New Era: Current progress and Challenges Ahead”, Oneday State level Seminar at Kaliganj Govt. College, Sponsored by Dept of HEST&BT, Govt of WB, 30<sup>th</sup> January 2018
4. “Swami Vivekananda and His thoughts on Education” Oneday UGC Sponsored State Level Seminar at Chandernagore College on 30<sup>th</sup> July 2014.
5. “Some Modern Aspects in Chemical Research-Grooming of UG and PG Students”, Two days UGC Sponsored Seminar at Bidhannagar College, Kolkata during 7-8<sup>th</sup> February 2012.
6. “Chemistry in our Lives” Oneday UGC Sponsored Seminar at Ramkrishna Mission Vidyamandira on 25<sup>th</sup> March 2011.
7. “Frontiers Areas of Chemistry-A Modern Perspective” Two days UGC Sponsored Seminar at Ramkrishna Mission Vidyamandira and IACS, Kolkata during 25-26<sup>th</sup> February 2010.
8. “Human Population to Human Resource-Do India Have Such a Mantra ?” Oneday UGC Sponsored State Level Seminar at Chandernagore College on 06<sup>th</sup> December 2008.

9. "Adv Spectroscopy, Theoretical Chemistry, Synthesis, Reactivity and Structure Evaluation" , three days UGC Sponsored National Seminar at Dept. of Chemistry , University of Burdwan during 25-27<sup>th</sup> April 2008.
10. "Culture, Identity, Environment: Interdisciplinary Concerns, Two days UGC Sponsored Seminar at Darjeeling Govt. College, during 19-20<sup>th</sup> November 2005.
11. "Globalisation: Its impact on Indian Society, Oneday UGC sponsored Seminar at Presidency College, Kolkata on 15<sup>th</sup> February 2003.
12. "International Conference Chemistry and Thirtysixth Annual Convention of Chemists" , two days International Conference at Indian Chemical Society, Kolkata during 11-16<sup>th</sup> December 1999.
13. "Polymer Research in Academy, Industry and R&D Organisation" two days National Seminar Organised by Tezpur Univ and IIT Kharagpur during 26-27 June 1998, Calcutta.
14. Workshop on "Environmental Management" two days workshop organised by R E College Durgapur during 9-10<sup>th</sup> March 1996.

**B) Participation in OP/RC:**

1. UGC Sponsored *Orientation Programme* at Academic Staff College, The University of Burdwan during 03<sup>rd</sup> March 2005 to 30<sup>th</sup> March 2005.
2. UGC Sponsored *Refresher Course* at Academic Staff College, The University of Burdwan during 23<sup>rd</sup> December 2008 to 12<sup>th</sup> January 2009.
3. UGC Sponsored *Refresher Course* at Academic Staff College, The University of Burdwan during 22<sup>nd</sup> Spetember 2012 to 12<sup>th</sup> October 2012.