

## ACADEMIC PROFILE

1. **Name of the Faculty Member:** Dr. Sobhan Niyogi
2. **Designation:** Associate Professor and OIC
3. **Qualification:** Ph.D. (IIT Kharagapur)
4. **Specialization:** Organic and Polymer Chemistry
5. **E-mail address:** nsobhan2@gmail.com
6. **Date of Joining in W.B.E.S.:** 17.07.2002
7. **Date of Joining in this College:** 20.01.2015
8. **Total Teaching experience:** 24 years
9. **Research interests:**
10. **Title of thesis (Ph.D.) with year:** Modification of Polyimide Films
11. **Research guidance:** N.A.
12. **Research Projects (Completed and ongoing):** N.A.
13. **List of publications:**



**A) Published papers in Journals:**

1. "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)
2. "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)
3. "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" N.C. 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)
11. "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]
12. "Light Pollution – A lesser known Problem" Dr. Sobhan Niyogi, *Conscientia*, 2017, Vol-V, 2 (2,3), (ISSN: 2278-6554)
13. A Brief Review On Polyimide Blend, Dr. Sobhan Niyogi /12, *Conscientia*, 2018, Vol-VI, s(ISSN: 2278-6554)
14. A Brief Review on Modification of Polyimides, Sobhan Niyogi, *Conscientia*, 2019, Vol-VII , p-29 (ISSN: 2278-6554)

### 3. Conference Proceedings:

**Books:** A Manual of Degree Course PRACTICAL CHEMISTRY, Dr. Sobhan Niyogi, 2016.

**14. Membership of Learned Societies/ Editorial Boards, etc.: N.A.**

**15. Patents:** PATENT, Indian, No. 205294, Dt. 30.03.2007

**16. Awards:** NA

**17. Other notable activities:** Officer in Charge and DDO , Krishnagar Govt. College Since 27-02-2017

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

1. UGC Sponsored Principals' Meet-2018, At HRDC, Jadavpur University, 6th October 2018.
2. UGC Sponsored Principals' Meet-2018, At HRDC, Jadavpur University, 20th January 2018.
3. "Biological Sciences in the New Era: Current progress and Challenges Ahead", One day State level Seminar at Kaliganj Govt. College, Sponsored by Dept of HEST&BT, Govt of WB, 30th January 2018
4. "Swami Vivekananda and His thoughts on Education" Oneday UGC Sponsored State Level Seminar at Chandernagore College on 30th 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 7-8th February 2012.
6. "Chemistry in our Lives" One day UGC Sponsored Seminar at Ramkrishna Mission Vidyamandira on 25th March 2011.
7. "Frontiers Areas of Chemistry-A Modern Perspective" Two days UGC Sponsored Seminar at Ramkrishna Mission Vidyamandira and IACS, Kolkata during 25-26th February 2010.
8. "Human Population to Human Resource-Do India Have Such a Mantra ?" Oneday UGC Sponsored State Level Seminar at Chandernagore College on 06th 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 25-27th April 2008.
10. "Culture, Identity, Environment: Interdisciplinary Concerns, Two days UGC Sponsored Seminar at Darjeeling Govt. College, during 19-20th November 2005.
11. "Globalisation: Its impact on Indian Society, Oneday UGC sponsored Seminar at Presidency College, Kolkata on 15th February 2003.
12. "International Conference Chemistry and Thirty sixth Annual Convention of Chemists" , two days International Conference at Indian Chemical Society, Kolkata during 11-16th 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 9-10th March 1996.

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

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