1. Studies on Nanocomposites of Polyaniline Using Different Substrates.
   *American Journal of Polymer Science*. 2015, 1-6, 5(1A), DOI: 0.5923/s.ajps.201501.01

   *Advanced Materials Letters*, 2015, 6(5), 414-420 (Impact factor: 1.93)

1. Improved microwave shielding properties of polyaniline grown over three-dimensional hybrid carbon assemblage substrate.


3. Biocompatible Smart Matrices Based on Poly (3, 4-ethylene dioxythiophene) - Poly (N-isopropyl acrylamide) Composite.

4. p-toluene sulfonic acid doped polyaniline carbon nanotube composites: synthesis via different routes and modified properties

5. Influence of poly(N-isopropylacrylamide)-CNT-polyaniline three-dimensional electrospun microfabric scaffolds on cell growth and viability.
   *Biopolymers* 99(5), (2013), 334-41. DOI: 10.1002/bip.22170 (Impact Factor: 2.88)

6. Characterization of Chemically deposited Polyaniline-co-Polypyrrole over Multiwalled Carbon Nanotube

7. Fabrication of conducting electrospun nanofibers scaffold for three-dimensional cells culture.

8. 2,6-Bis(4-sulpho-1-hydroxy-2-naphthylazo)pyridine: Spectrophotometric Reagent for the Trace soft Determination of Zinc in Biological Samples.


10. Solvent tuned PANI-CNT Composites as Advanced Electrode Materials for Supercapacitor application.
*Analytical Letters*, April 2012, 45, 1-11, DOI: 10.1080/00032719.2012.680057)  
(Impact Factor: 1.030)

12. Conducting Polymer Carbon Composites: Synthesis and Applications  

13. Spectrophotometric Determination of silver with 1-(2-Quinolylazo)-2,4,5-trihydroxybenzene.  

14. 1-(2-Quinolylazo)-2,4,5-trihydroxybenzene as Spectrophotometric Reagent for Micro-determination of Palladium(Ii).  
*Der Pharma Chemica*, 2011, 3(6) 70-74.

15. Electro-synthesis and characterization of polyaniline nanofibrils as electrode material for supercapacitors.  

(Impact Factor : 1.5)

17. Trace determination of copper in foodstuffs and biological samples.  
*Analytical Letters*,42(10), April 2009, 1527- 1538  
(Impact Factor : 1.030)

(Impact Factor : 1.956)

19. Spectrophotometric Trace Determination of Iron in Food, Milk and Tea Samples using a New Bis-azo Dye as Analytical Reagent.  
*Food Analytical methods*, 2(3) 2009, 221-225 (DOI 10.1007/s12161-008-9054-z)  
(Impact Factor : 1.956)

20. Polypyrrole/carbon composite electrode for high-power electrochemical capacitors.  
(Impact Factor : 4.504)

(Impact Factor : 2.489)

22. Heterobimetallic penta and hexa-coordinated organotin (IV) complexes at different temperatures  
*Indian Journal of Chemistry* 2008, 47A58-61  
(Impact Factor : 0.628)

23. A bis-azo dye as a chromogenic reagent for determining traces of copper in foodstuffs, blood Sera and body tissues  
*J. Indian Chem. Soc.* 2006, 83, 97-100,  
(Impact Factor : 0.251)
*Indian Journal of Heterocyclic Chemistry* 2005, 14, 275-76, (Impact Factor : 0.251)

25. Reaction of Lead(II) with 2,6-Bis(1-hydroxy-2-naphthylazo)pyridine as a Spectrophotometric Determination of Phosphate and Citrate.  

26. Synthesis and Analytical Applications of a New Heterocyclic Bis-Azo Dye:2,6-Bis(7-Hydroxyacenaphthyl-8-azo)pyridine  
*Asian Journal of Chemistry* 2003, 15(2),1069-1074 (Impact Factor : 0.355)

27. Synthesis and Analytical Studies of a New Bis-Azo Dye: 2,6-Bis(9-hydroxyphenanthryl-10-azo)pyridine.  
*Asian Journal of Chemistry* 2003, 15(1),185-190 (Impact Factor : 0.355)


38. Invited Lecture entitled, “Spectrophotometric Trace Determination of Mercury(II) and Thiosulfate ions in aqueous solutions” at International Conference Green Technologies for Greener Environment (GTGE-2010), CCS University, Meerut, Jan. 27-30, 2010


47. Invited Lecture entitled in Pre-PhD workshop at National University, Jaipur, October 28, 2013.


56. Invited Lecture at Chemistry Department, AIJHM College, Rohtak, March 2012.


58. Invited Lecture entitled, “Electrochemical investigations of well coated carbon Fiber-conducting polymer Composites” in conference on “6th National Conference on Thermodynamics of Chemical and Biological Systems” under the auspices of The Indian Thermodynamics Society to celebrate International Year of Chemistry 2011, M.D University, Rohtak, November 2-4, 2011.


64. Resource person, EDUSAT programme for Degree Colleges, Government of Haryana.
LIST OF ACADEMIC ACHIEVEMENTS OF **Dr. B.S. DEHIYA** (2008 onwards)

**Paper published in International/National Journals:**

**2014**
   *Impact Factor: 2.4*

**2013**

**2012**

**Papers presented in Conferences:**

**2013:**

**2012:**

**Book Chapter:**


**Conferences Organized:**

3. Co-Coordinator, **One Day National Workshop on Water Resources and Sustainable Development**, Supported by WAPCOS, Govt. of India, held on 17 October 2012.
4. Coordinator, RS and GIS Seminar (Dr Vinay Sehgal, IARI, Pusa, Delhi) under DCR Chair and COP1 – Sep. 2012.

Articles under Preparation / Revision:

LIST OF PUBLICATIONS OF DR. SURENDER DUHAN

Published Papers:
Paper presented in International/National Journals:

2015


8. One pot synthesis of mesoporous ZnO-SiO$_2$ nanocomposite for room temperature relative humidity sensor, Vijay K. Tomer, S.P Nehra, S. Duhan, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Accepted (2015) Impact factor 2.8


2014


Impact factor: 2.78

2013


2012


2011


2010


2009

2008

Paper presented/submitted in Conferences:
10. “Development of Nd nanoparticles by solgel method” Surender Duhan and Sunita Devi “6th National conference on Thermodynamics of Chemical and Biological systems” to be held on 2-4, Nov. 2011, M.D University Rohtak (India).
12. Surender Duhan “Recent Trends in Chemistry-2011” One Day Workshop to held on 29, Sept.,-2011 D.C.R. University of Science Muthal (India)
13. Surender Duhan and Vijay Tomer, NCFM to held on 24-25, Sept.,-2012 G.V.M College (India).

Published in Book Contribution:
3. S. Duhan and Vijay K. Tomer, Chapter 11$^{th}$: Mesoporous Materials & Their nanocomposites” in: P.M. Visakh, A. Hajipour (Eds), Nanomaterials and Nanocomposites, Wiley-VCH Verlag, Germany.
ISBN:978-93-81348-68-0