

# Dr. Hemlata Ganvir (Wasnik)

## Publications

### International Journals:

- 1) V. Y. Ganvir, H.V. Ganvir, R. S. Gedam, “ Effect of  $Dy_2O_3$  on electrical , Dielectric properties and physical properties in lithium borosilicate glasses”, Integrated Ferroelectrics, Vol 203 (1), 1-11 , 2019 [SCIE]
- 2) H.V. Ganvir, V. Y. Ganvir, , D S Kelkar,” Synthesis , characterization and susceptibility of pyrrole aniline copolymer:, Ajanta, Volume 8 Issue 1,43-50,2019.
- 3) H R Wasnik , D S Kelkar ‘Study of dc Electrical Conductivity, Magnetic Susceptibility and Thermal Behavior of Pyrrole Aniline Copolymer’ IOP Conf. Series: Materials Science and Engineering,73 , 2015.
- 4) H R Wasnik , D S Kelkar , V Y Ganvir , “Conversion analysis of copolymers: Effect of temperature, feed ratio and initiator concentration on the copolymerization”, Journal of Polymer Engineering, vol 27 , pp. 1-5, 2014 [SCIE]
- 5) H R Wasnik , D S Kelkar , V Y Ganvir “Measurement of dc electrical conductivity of chemically synthesized Pyrrole Aniline Copolymers”, IOSR Journal of Applied Physics (IOSR-JAP), vol. 6 pp 106-109,2014.
- 6) H R Wasnik, D S Kelkar, ‘Measurements of dielectric constant of chemically synthesized pyrrole/aniline copolymer’, International Journal of Knowledge Engineering, 1, 2012.
- 7) H R Wasnik, D S Kelkar ‘Synthesis characterization and dc electrical conductivity of chemically synthesizedpyrrole/aniline copolymer’, International Journal of Research in Engineering and Science, 1, 2013.

### International Conferences:

- 1) ‘DC electrical conductivity measurement of doped PyrroleAniline Copolymer’, presented paper in International Conference on Technologically Advanced Materials & Asian Meeting on Ferro-electricity (ICTAM-AMF-10),7-11 Nov 2016 , University of Delhi & Society for Technologically Advanced Materials of India (STAMI) , Delhi, India.

- 2) 'Study of thermal behavior of doped Pyrrole Aniline Copolymer', presented paper in International Conference on Functional Material (ICFM-2016), 7-10 Sept 2016, Centre for Scientific and Applied Research, PSN College of Engineering & Technology, Tirunelveli, Tamilnadu India.
- 3) 'Study of dc Electrical Conductivity, Magnetic Susceptibility and Thermal Behavior of Pyrrole Aniline Copolymer' presented at International Conference ICMST on 10-14 June 2012 at Kerala.
- 4) 'Synthesis, characterization and conductivity of chemically synthesized pyrrole / aniline copolymer' Presented paper at International conference INCCOM6 on 12-14 Dec 2007 at IIT Kanpur.
- 5) 'Pyrrole aniline copolymer: preparation, characterization and d.c. electrical conductivity' Presented paper at International conference POLYCHAR 16 on 17-21 Feb 2008 at World Unity Convection Center, Lucknow.
- 6) 'Study of electric and magnetic behavior of chemically synthesized pyrrole-aniline copolymer' paper accepted in International conference in Singapore ISIF2008 9-12 June 2008.
- 7) 'Preparation and characterization of pyrrole/aniline copolymer' presented paper in International conference ICAMC 2007 at Trivendrum on 24-26 Oct 2007.

### **National conferences/ Seminars:**

- 1) "DC electrical conduction in chemically synthesized pyrrole aniline copolymer" paper accepted at National conference at Tiruchirapalli EMT INDIA2020 on 24-25 Jan 2008.
- 2) "Measurement of dielectric constant of chemically synthesized pyrrole-aniline copolymer" paper presented at National Conference NCAMET at Nagpur, on 15-16 March, 2012.
- 3) Attended and presented paper in one day seminar "Retrospect and Prospect", Institute of Science Nagpur.
- 4) Paper accepted at National Symposium for Materials Research Scholar May 2008 at Indian Institute of Technology, Bombay.
- 5) Attended national conference on RTBAM-2009, on Jan. 9-10, 2009, at Institute of Science, Nagpur.