

## LIST OF PUBLICATIONS BASED ON THE RESEARCH WORK

### REFEREED JOURNALS

- 1) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, M. S. Jayswal; (2008);  
Mixed conductivity studied in Silver Oxide based barium Vanado-tellurite glasses, *Material Science and Engineering B*, **149**, 18-25.
- 2) **Meenakshi Pant**, D. K. Kanchan, Nirali Gondaliya; (2009) Transport properties and relaxation studies in BaO substituted  $\text{Ag}_2\text{O-V}_2\text{O}_5\text{-TeO}_2$  glass system, *Materials Chemistry and Physics*, **115**, 98-104.
- 3) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma; Characterization and Transport Properties of 10 BaO-x  $\text{Ag}_2\text{O-(85-x) V}_2\text{O}_5\text{-5 TeO}_2$  glass system, *Ionics* **16** (2010) 797-805.
- 4) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma; Impedance and Dielectric Studies of silver oxide based quaternary BaO- $\text{V}_2\text{O}_5\text{-TeO}_2$  glass system, Communicated in *J. Non-Crystalline Solids*, 2009.
- 5) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, Structural and Transport Properties of BaO- $\text{Ag}_2\text{O-V}_2\text{O}_5\text{-TeO}_2$  Glass System, To be communicated.

### PAPERS IN PROCEEDINGS

- 1) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma and Manish S. Jayswal,  
Conductivity studies in Silver Oxide based BariumVanado-Tellurite Glasses, **52** (2007) 475-476, Proceeding of 52<sup>th</sup> DAE Solid State Physics Symposium, University of Mysore, India.
- 2) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma and Manish S. Jayswal,

- Study of Relaxation Dynamics in Silver Oxide based Vanado-Tellurite Ionic Glasses, 52 (2007), 477-478, Proceeding of 52<sup>th</sup> DAE Solid State Physics Symposium, University of Mysore, India.
- 3) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, S. Bhardwaj and A.M. Awasthi, Characterization and Transport properties of silver based quaternary glass system, 53 (2008), 623-624, Proceeding of 53<sup>rd</sup> DAE Solid State Physics Symposium, BARC, Mumbai, India.
- 4) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, Manish S. Jayswal, S S. Bhardwaj and A.M. Awasthi, The Effect of Modifier on Silver Oxide based Barium Vanado-Tellurite Glasses, 53 (2008), 631-632, Proceeding of 53<sup>rd</sup> DAE Solid State Physics Symposium, BARC, Mumbai, India.
- 5) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, Manish Jayswal and Nirali Gondaliya, Electrical conductivity and relaxation studies of silver based barium Vanado-tellurite glasses, CP21 (2010) 166, Proceedings of the National Conference on Advances on Materials and Devices for Renewable Energy Sources, Jaipur Engineering College, Kukas, Rajasthan.
- 6) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, Nirali Gondaliya and Manish S. Jayswal, Impedance and Dielectric studies of Silver Oxide Based Quaternary Glass System, Paper Presented in 5<sup>th</sup> Asian Conference on Electrochemical Power Sources, ACEPS-5, 17-19 Sep. 2010.
- 7) **Meenakshi Pant**, D. K. Kanchan, Poonam Sharma, Manish S. Jayswal and Nirali Gondaliya, Effect of Modifier on the structural and Transport studies of Ag<sub>2</sub>O Based Barium Vanado-Tellurite glasses, Paper Presented in National Conference on Recent Trends in Exotic Materials, NCRTEM, Sharda University, Greater Noida (pp-81), 26-28 Aug. 2010.