

LIST OF PUBLICATIONS APART FROM THE THESIS WORK

REFEREED JOURNALS

- 1) The conductivity studies of super ionic Silver Iodide Vanado-tellurite Glass system; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, Manish S. Jayswal, A. M. Awasthi and S. Bharadwaj, **11th Asian conference in Solid State Ionics 2008, Coimbatore**, pp. 371-378.
- 2) Effect of AgI on the conduction mechanism of silver vanadate super ionic glasses; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, Manish S. Jayswal, Nirali Gondaliya, **Integrated Ferroelectrics** (Taylor and Francis), Communicated, 2009.
- 3) Transport properties of super ionic AgI-Ag₂O-V₂O₅-TeO₂ glasses; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, K. P. Padmasree, **Indian Journal of Pure and Applied Physics**, 48 (2010) 39-46.
- 4) Conductivity and Dielectric behavior of AgCF₃SO₃ doped PEO Polymer Films; Nirali Gondaliya, D. K. Kanchan, Poonam Sharma, Manish S. Jayswal, **Meenakshi Pant**, **Integrated Ferroelectrics** (Taylor and Francis), 117 (2010) 1-12.
- 5) Conductivity studies in proton irradiated AgI-Ag₂O-V₂O₅-TeO₂ super-ionic glass system; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, K. P. Singh, **Materials Sciences and Applications**, 1 (2010) 59-65.
- 6) The Effect of PbI₂ on Electrical Conduction in Ag₂O-V₂O₅-B₂O₃ Superionic glass system; Manish S. Jayswal, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, **Solid State Ionics**, Under Review, 2010.

PAPERS IN PROCEEDINGS

- 1) Conductivity studies in irradiated and unirradiated $\text{AgI-Ag}_2\text{O-V}_2\text{O}_5\text{-TeO}_2$ super ionic glass system: a comparative study; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, Nirali Gondaliya and K. P. Singh, **18th National Symposium on Radiation Physics**, 2009, MLSU, Udaipur, pp. 204-206.
- 2) Conductivity studies in AgNO_3 doped poly (Acrylamide) polymer electrolyte films; Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, Nirali Gondaliya, **8th National conference on solid State Ionics**, 2009, H. S. G. U., Sagar, pp. 45.
- 3) Conductivity and Modulus Studies on PbI_2 doped silver boro vanadate super ionic glass system; Manish S. Jayswal, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, Nirali Gondaliya, **8th National conference on Solid State Ionics**, 2009, H. S. G. U., Sagar, pp. 32.
- 4) Conductivity studies in PVA-AgNO_3 polymer electrolyte; Poonam Sharma, D. K. Kanchan, Prajakta Joge, Nirali Gondaliya, **Meenakshi Pant**, **54th DAE Solid State Physics Symposium**, 2009, M. S. U., Vadodara, pp.903-904.
- 5) Study of relaxation dynamics in PbI_2 doped Silver Boro-Vanadate Glasses; Manish S. Jayswal, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, **54th DAE Solid State Symposium**, 2009, M. S. U., Vadodara, pp.517-518.
- 6) Conductivity studies in Silver Based Poly (Ethylene Oxide) PEO Solid Electrolyte; Nirali Gondaliya, D. K. Kanchan, **Meenakshi Pant**, Poonam Sharma, Manish Jayswal, **54th DAE Solid State Physics Symposium**, 2009, M. S. U., Vadodara, pp.901-902.
- 7) Conductivity behavior in $\text{PbI}_2\text{-Ag}_2\text{O-V}_2\text{O}_5\text{-B}_2\text{O}_3$ Glasses; Manish S. Jayswal,

- D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, **54th DAE Solid State Physics Symposium**, 2009, M. S. U., Vadodara, pp.905-906.
- 8) Transport properties of super ionic AgI-Ag₂O-V₂O₅ glasses containg TeO₂, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, Manish Jayswal, **9th Condensed Matter Conference of Physical Society of IRAN**, 2-3 Feb. 2009, Shahid Chamran University, Ahwaz, Iran.
- 9) Frequency Dependent Conductivity of PbI₂ Doped Silver Boro-Vanadate Super Ionic Glass System; Manish Jayswal, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, Nirali Gondaliya, **International Conference on Physics of Emerging Functional Materials (PEFM-2010)**, Published in AIP Conference Proceedings CP1313, 233-235.
- 10) Conductivity Studies on PEO: AgCF₃SO₃ Electrolyte System with Nano-Porous Fillers; Nirali Gondaliya, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, Manish Jayswal, **International Conference on Physics of Emerging Functional Materials (PEFM-2010)**, Published in AIP Conference Proceedings CP1313, 177-179.
- 11) Dielectric and Conductivity in Silver-Poly (ethylene oxide) Solid Polymer Electrolytes Dispersed with SiO₂ Nanoparticles; Nirali Gondaliya, D. K. Kanchan, Poonam Sharma, **Meenakshi Pant**, Manish Jayswal, **International Conference on Physics of Emerging Functional Materials (PEFM-2010)**, Published in AIP Conference Proceedings CP1313, 112-114.
- 12) Influence of mixed iodide salts on the conductivity behavior in Ag₂O-V₂O₅-B₂O₃ super ionic glass system, Poonam Sharma, D. K. Kanchan, **Meenakshi Pant**, Manish S. Jayswal, Nirali Gondlaiya, Paper Presented in **National**

Conference on Recent Trends in Exotic Materials, NCRTEM, Sharda University, Greater Noida (pp-78), 26-28 Aug. 2010.

- 13) Dielectric Relaxation Studies in PbI₂ Doped Silver Vanado-Borate Super Ionic Glass System, Manish S. Jayswal, D. K. Kanchan, Meenakshi Pant, Poonam Sharma, Nirali Gondlaiya, Paper Presented in National Conference on Recent Trends in Exotic Materials, NCRTEM, Sharda University, Greater Noida (pp-80), 26-28 Aug. 2010.**
- 14) Structural and Conductivity Studies of Poly (ethylene-oxide) Silvertriflate Polymer Electrolyte System, Nirali Gondlaiya, D. K. Kanchan, Poonam Sharma, Meenakshi Pant, Manish S. Jayswal, Paper Presented in National Conference on Recent Trends in Exotic Materials, NCRTEM, Sharda University, Greater Noida (pp-82), 26-28 Aug. 2010.**