

List of publications

International Journals (8 publications)

- [1] **Choudhury, M.**; Nath, S.S. and Bhattacharjee, R., Ethanol sensing property of SnO₂ quantum dots embedded on PVP, *Journal of Nanotech. Prog Int*, vol. 5, Issue1, 2014.
- [2] **Choudhury, M.**; Nath, S.S. and Bhattacharjee, R., Methanol sensing property of Fe₂O₃ quantum dots embedded on PVP, *International Journal of Nanoscience and Nanotechnology*, vol. 5, Number 1, pp. 101-108, 2014.
- [3] **Choudhury, M.**; Nath, S.S. and Nath, R.K., ZnO: PVP Quantum dot Ethanol sensor, *Journal of sensor Technology*, Issue1, pp 86-90, 2011.
- [4] Nath, S.S.; **Choudhury, M.** and Nath, R.K., Syntheses of PVP embedded ZnO quantum dots and the investigation of their methanol sensing properties, *J. Nanotechnology Progress International*, Issue 4,2011.
- [5] Nath, S.S.; **Choudhury, M.**; Nath, R.K. and Gope, G., PVA embedded ZnO quantum dots for methanol sensing, *Nanotrends-A journal of nanotechnology and its application*, vol 8, Issue 3, p 1, 2010 .
- [6] **Choudhury, M.**; Nath, S.S.; Nath, R.K.; Chakder, D.; Gope, G. and Das, R., ZnO quantum dots in SBR latex for methanol sensing, *Assam University journal of Sc. and Tech.*,vol.6, No 2, pp 46-50, 2010.

- [7] Nath, S.S.; **Choudhury, M.**; Nath, R.K. and Gope, G., Acetone sensing property of ZnO quantum dots embedded on PVP, *Sensors and actuators B: Chemical.*, vol. 148, pp 353-357, 2010.
- [8] **Choudhury, M.**; Nath, S.S.; Nath, R.K.; Gope, G. and Chakder, D., Acetone Sensing of ZnO quantum dots embedded in PVA matrix, *Advanced Science Letter.*, vol. 1, p. 6, 2010.

Conference Proceedings

1. Application of PVP embedded ZnO quantum dots for ethanol sensing, National Seminar on Current Trends in Condensed matter Physics (CTCMP-2011) Organised by Department of physics, Assam University, Silchar, pp-43