

## List of publications

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- 1) **Pandey, V. K.**, Dixit, M. K., Manneville, S., Bucher, C., & Dubey, M. (2017). A multi-stimuli responsive conductive sonometallogel: a mechanistic insight into the role of ultrasound in gelation. *Journal of Materials Chemistry A*, 5(13), 6211-6218.
- 2) **Pandey, V. K.**, Singh, V. K., Chandra, S., & Hasan, S. H. (2019). Coordination polymeric fluorescent gel: effect of removal of branch substituents of the central core over properties. *Journal of Coordination Chemistry*, 1-10.
- 3) Dixit, M. K., **Pandey, V. K.**, & Dubey, M. (2016). Alkali base triggered intramolecular charge transfer metallogels based on symmetrical A- $\pi$ -D-chiral-D- $\pi$ -A type ligands. *Soft matter*, 12(15), 3622-3630.
- 4) Chandra, S., Singh, V. K., Yadav, P. K., Bano, D., Kumar, V., **Pandey, V. K.**, & Hasan, S. H. (2019). Mustard seeds derived fluorescent carbon quantum dots and their peroxidase-like activity for colorimetric detection of H<sub>2</sub>O<sub>2</sub> and ascorbic acid in a real sample. *Analytica chimica acta*, 1054, 145-156.
- 5) **Pandey, V. K.**, Singh, V. K., Chandra, S., & Hasan, S. H. (2019). Pyrene Schiff based AIE-active hybrid fluorophore material for potential live cell imaging applications. (Submitted in *New Journal of Chemistry*, RSC)

- 6) **Pandey, V. K.**, Singh, V. K., Chandra, S., & Hasan, S. H. (2019) A Schiff base derived supramolecular Co (II)-metallogel: an efficient semiconductive electronic device. (Submitted in JMC C, RSC)

### **Conferences**

- 1) Poster presentation entitled "Aggregation Induced Emission of Novel Dipodal Pyrene based Thiourea Derrivative" International Conference on Multifunctional Materials for future Applications (ICMFA - 2015)
- 2) Poster presentation entitled "Multi-responsive low molecular weight fluorescent metallogel". International Symposium on Modern Trends in Inorganic Chemistry – XVI, December 3-5, 2015, Department of Chemistry, Jadavpur University, Kolkata.