

**Department of Biotechnology & Genetics**

**Faculty Name – Upendra Sharma U.S**

**Specialization - Applied Genetics**

**Education**

- M.Sc (Ph.D.)



**Work Experience**

- Worked as Lecturer in Padmashree Institute of Management and Sciences from September 2008 to January 2013
- Working as Assistant Professor in JAIN (Deemed-to-be University) since February 2013.

**Key Areas of Research interest**

- Drosophila Development and Behaviour
- Evolutionary Biology
- Bioinformatics
- Environmental Biology

**Publications**

- Influence of Different Concentrations of Methanolic extract of *Areca catechu* L on *Drosophila melanogaster* developmental stages. Upendra Sharma U.S and R. Shanti Iyer. Indian Journal of Natural Sciences. Vol.13/Issue 73/Aug/2022. ISSN: 0976 – 0997.
- Areca catechu and consumption and its Medicinal Properties – A Comprehensive Review. Upendra Sharma and Dr. R Shanti Iyer. International Journal of Advance and Innovative Research. Volume 9, Issue 2 (XVII): April – June 2022.

**Projects (External funded/Internal):**

1. Single Use Plastics in Karnataka. 2022
2. Species of Drosophila found in India. 2022

3. Methanolic extract of *Ocimum sanctum* leaves and its effect on longevity in *Drosophila melanogaster*. 2021
4. Effects of Commercial Coffee extracts on *Drosophila melanogaster*. 2020