

Guide Name : Prof. P.A. Mahanwar, Vice-Chancellor, PAH Solapur University
(Research Center – School of Chemical Sciences, PAH Solapur University)

Subject : Chemistry

Research Topics

1. Control release of Agrochemicals.
2. Process development for Extraction of active ingredients from Artemisia Pallens (Davana) and their uses.
3. Process development for extraction of essential oil & their analysis.
4. Development of microencapsulated phase change materials for cold storage energy regulations.
5. Development of cool roofs for rural housing.
6. Synthesis & Characterization of high-performance polymer composites using natural fibers.
7. Synthesis, processing & characterization of high temperature stable polymers.
8. Synthesis & characterization of bio compatible / biodegradable polymers for bio-medical applications.
9. Development & characterization of polymer composites for bio-medical applications.