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Educational Qualification: M.Sc Microbiology

Year of Registration: 01/04/2017

Project Supervisors:

1. Guide Convenor	2. Internal Expert	3. External Expert
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Research Abstract:

- Oral and parental delivery is considered to be convenient but release of drug reduces once into blood stream due to gastrointestinal environment. Many researchers are now focusing on developing microneedle mediated drug delivery system which enables patients to painlessly self administer therapeutic micro and macromolecular drugs.
- Attempt is made to develop a microneedle patch module for exploring a chemical approach using drug loaded matrix with glucose sensing elements and a relevant actuator which may be more effective, where the matrix can undergo structural transformations regulated by glucose concentration changes leading to a glucose stimulated drug release.

Fellowships: Non-Govt

Awards & Scholarships: No

Way Forward: Research Scientist