

Natural nanomaterials - characterization
Synthesis of nanoparticles using chemical approach method.
Synthesis of nanoparticles using biological approaches or green synthesis
Microwave assisted synthesis of nanoparticles.
Characterization of synthesised nanoparticles by uv spectroscopy.
Biological properties of nanoparticles

OR

RESEARCH METHODOLOGY AND BIOINFORMATICS

Course outcomes:

After successful completion of the course, students will be able to:

- CO 1. Use biological databases
- CO 2. Retrieve sequences for analysis
- CO 3. Carry out analysis including phylogenetic tree construction and molecular modelling
- CO 4. Get hands-on training in research methodology and biostatistics

Biological databases - BLAST, FASTA
Restriction mapping
Mean SEM, Histogram
Student's t-test
ANOVA

