



NSHM Knowledge Campus, Durgapur,

Patents & Innovations

- **UK Design Patent**
Device for detection of anticancer activity of pyrimidine derivatives.
- **South African Patent**
AI & ML models for cardiovascular disease diagnostics, readmission, and survival prediction.
- **Green Nanomedicine Innovation**
Advancement in drug delivery systems using nanotechnology and green chemistry.
- **Digital Muffle Furnace**
Developed for prediction of ash value of herbal compounds (Heating Equipment category).
- **Gastroretentive Microspheres**
Innovative formulation for enhanced Nateglinide delivery in diabetes management.

Solid Lipid Nanoparticle Apparatus (UK Design Patent)

Developed for breast cancer treatment.