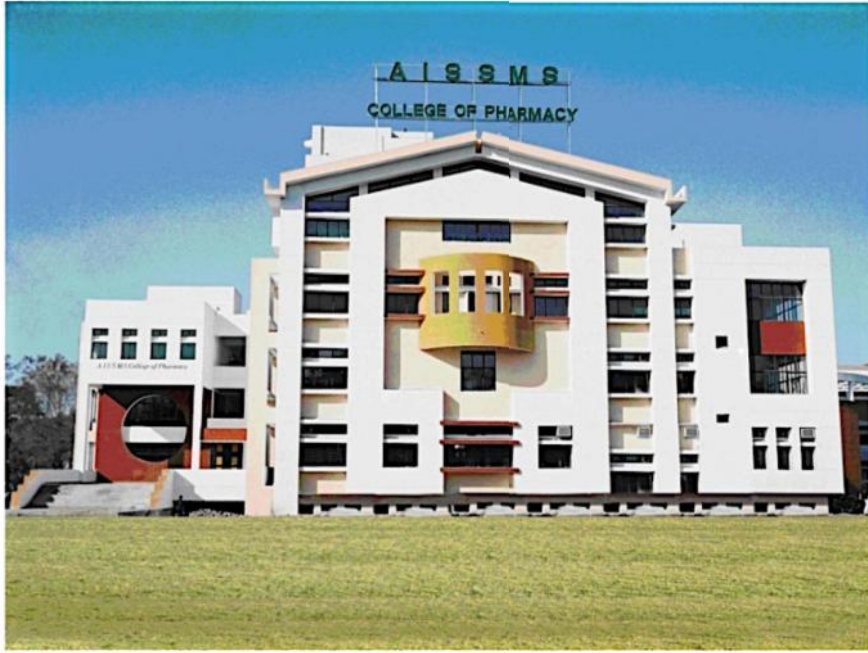




ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S
COLLEGE OF PHARMACY



Establishment: 1996

APPROVED BY

All India Council for Technical Education
Pharmacy Council of India
Govt. of Maharashtra

AFFILIATED TO

Savitribai Phule Pune University
Granted 2(f)-12(B) status by University Grant Commission

PHARMACEUTICS

Manufacturing Equipments

- Rotary tablet machine (Karnavati)
- Capsule filling machine (Gem)
- R & D Coater (Instacoat)
- Spray Dryer (Lab Ultima)
- Fluidized bed dryer (GEM)
- Colloidal mill (GEM)
- Homogenizer (GEM)
- Probe sonicator (Sonic)
- Planetary mixer (GEM)
- Octagonal blenders (GEM)
- Jacketed vessels (GEM)

Testing Equipments

- Particle size analyzer (Malvern ZS90)
- Differential Scanning Calorimeter (Mettler)
- Texture Analyzer (Brookfield)
- Dissolution test apparatus
- Brookfield viscometer
- IR Moisture balance
- HEPA filters and Laminar air flow unit
- HPLC (Agilent)
- Helium pycnometer

PHARMACEUTICAL CHEMISTRY

- V-life Molecular Modeling Software
- Fuming Chambers
- Rotary vacuum evaporator (Heidolph, Germany)
- Six Station synthesizer (Radleys, UK)
- Microwave assisted synthesizer

QUALITY ASSURANCE

- HPTLC (CAMAG)
- HPLC (JASCO) with PDA/UV/FP Detector
- Karl Fischer Instrument
- UV-Vis Spectrophotometer
- UV Chamber
- Photo-stability Chamber (Newtronic)
- Triple stability chamber (Thermolab)

PHARMACOLOGY

- Digital Plethysmometer
- Data Acquisition Biopac system (Non-invasive) for blood Pressure measurement
- Video Tracking system with different types of mazes
- Stereotaxic Apparatus
- Randall Selitto instrument
- Catalepsy Bar Test Apparatus
- Automated Copulatory Arena
- Automated Biochemical Analyzer
- Semi automated URINOVA Lite UA-2100 Urine Analyser
- Object Recognition Test Apparatus

PHARMACOGNOSY

- Trinocular Microscopes
- Microtome
- Muffle Furnace
- Rotatory shaker
- Rota Evaporators
- Soxhlet Apparatus
- Vacuum Oven
- Camera attachment for microscopes

Services that can be offered:

Formulation development-

- Small scale manufacturing trials of tablets (includes coating), capsules, semisolids, liquids.
- Taste masking, mouth dissolving drug delivery system, mucoadhesive formulations, transdermal drug delivery system, nanoparticles based drug delivery system, sustained release drug delivery system, cosmetics.

Testing activities-

DSC, Texture analyzer- spreadability and mucoadhesion, viscosity measurements.

Analytical method development-

Development and validation of analytical & bioanalytical methods, stability indicating assay methods, HPTLC methods for phytochemicals, chemometric analysis of data, HPTLC finger printing.

Synthetic chemistry-

Design of new chemical entities, ADMET predictions, QSAR, docking, toxicity prediction, anti-inflammatory activity.

Pharmacology and toxicological activities-

Toxicity, biodistribution, preclinical evaluation of pharmacodynamic activities such as analgesic inflammatory, CNS, antioxidant, osteoporosis, diabetes, wound healing.

Herbal drugs activities-

Extraction, herbal formulations, physicochemical evaluation of crude drugs.

We also provide consultancy services for above areas.

CONTACT DETAILS

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