



Leaders in research
Pioneers in innovation





OUR PROFILE

Presenting the NISHKA Labs, a Pharmaceutical research-based facility established in early 2009. Our core-aim is to provide services for research work with state-of the-art laboratory to meet academic, scientific, & Professional requirement. Our client portfolio includes Students, Researchers and SME's (Small and Medium Enterprises). NISHKA Labs caters to every aspect of your research requirement and sets you apart from the rest of the world.

Our Service mantra is to provide quality services in abundance (resembling Akshya Patra) with puristic results. '**NISHKA**' means '**Purity**' (derived from Sanskrit word), which symbolizes the essence of our services.

Recognized as one of the most prestigious research labs in India, NISHKA's 7 years of excellence is attributed to commitment and efficiency. Our significant growth has carved us a niche, as pioneers in the field of scientific research. Our consistent efforts to provide standardized research facility, for sustained quality of results has built us an excellent reputation. Putting this rich experience and as a leading research lab, we now offer you a plethora of world-class research solutions.



Mission:

We aspire to be 'one - stop solution' for research services at nominal cost.

Vision:

We envision achieving research solutions, at par with scientific advancement in research technology. By consistently improving our services, we are providing high - end technology for our researchers at Nishka.

OUR SERVICES

NISHKA Labs provide services to researchers, specific to their project specifications & timeline. With 40+ In-house senior consultants who are experts in various specializations, we provide expert guidance and assistance to our researchers. We pride ourselves with uniqueness in terms of guidance and expertise.

Our wide-range of clients includes institutes like Colleges (Pharmacy, Medical, Ayurveda, Unani & Dental), Public-sector institutions, R&D organizations and Industries (like Pharmaceuticals, Electrical, Bulk Drugs, Battery, Paints, Oil & Soil) and Chemical Industries. Recently, we expanded our infrastructure to accommodate more facilities with improvised services.



WHY NISHKA LABS?

NISHKA Labs opens the doors for you to an unmatched quality experience powered by insightful and innovative research solutions. We also customize our services (for example design research program according to requirement of the customer, be it individual research or full-fledged team research work). Our key strength is offering Specialization-oriented services, Technical guidance, and experts from various specializations and co-ordination & communication. These are the four-pillars of NISHKA.

- Economical cost
- Expert guidance
- User-friendly facilities
- Wide-range of services
- On-time delivery of results
- Authentic, accurate results
- State-of-the-art infrastructure
- Emphasis on client satisfaction
- Cutting - edge technology (equipments)



PHARMACEUTICS

Nishka's Department of Pharmaceuticals Research - This research wing works on activities related to formulation science and drug delivery technology. Testing with chemical compositions of elements in science of pharmaceutical (for processing and drug delivery) and pharmaceutical microbiology is the specialization of this department.

Salient features

Physical Characterization

- XRD Analysis
- DSC Analysis
- DTA Analysis
- TGA Analysis
- Particle Size Analysis
- Viscosity Measurement Service

Chemical Characterization

- FTIR Analysis
- HPTLC Analysis

In-Vivo Evaluation

- In - Vivo Studies (Pharmacokinetic Studies)
- Pharmacokinetic Data Analysis
- BA/BE Studies
- Pharmacokinetic Data Generation

Surface Characterization

- SEM Analysis
- Zeta Potential Analysis

Other Services

- Lyophilization Service
- Spray Drying Service
- Freeze Drying Service

Instruments Available

- Tablet Compression Machine (Bi-layered with Multi Tooling)
- Dissolution Apparatus
- Rotary Evaporator
- Differential Scanning Calorimeter
- UV/Vis Spectrophotometer
- HPLC
- Sonicator



PHARMACOLOGY

NISHKA Labs earned National level reputation as a 'reliable partner' for research projects. We offer a full range of services (in Synthetic, Medicinal, Computational and Analytical chemistry, biochemical pharmacology, and extensive *in-vitro* and *in-vivo* Pharmacokinetic services) with many years of research experience.

In-Vitro & In-Vivo Services

Antioxidant Activity	Cytotoxicity Studies
Antidiabetic Activity	Hepatoprotective Activity
Immunomodulatory Activity	Anti Obesity Activity
Antiinflammatory Activity	Anti infective Activity
	Toxicology

Other Services

Anti microbial	Hepatoprotection	Psoriasis
Anti viral	Obesity	Wound healing
Cytotoxicity	Immunomodulatory	Genotoxicity
Cell proliferation	Inflammation	Drug permeability
Cancer	Skin whitening	Gene expression analysis
Diabetes	Skin irritation (Dermal toxicity)	Enzyme and Immunoassays (ELISA)

PHARMACEUTICAL ANALYSIS

NISHKA Labs provides overall support to work on research projects. Beginning from literature survey to Post-thesis submission, we offer guidance through all phases of research. Our services are in accordance with appropriate regulations, from various universities. We appreciate and welcome projects which are analytically challenging.



Salient features

XRD Analysis	DTA Analysis	UV Analysis
MASS Analysis	TGA Analysis	TLC Analysis
LCMS Analysis	NMR Analysis	HPTLC Analysis
DSC Analysis	HPLC Analysis	Column Chromatography & Isolation Service
FTIR Analysis	GC Analysis	

PHARMACEUTICAL CHEMISTRY

Our equipments, infrastructure, data processing facilities are certified to industry standards. The medicinal chemistry team, headed by our senior medicinal chemists have excellent track record in fast compound synthesis, timely evaluation in Bioassays, DMPK and toxicity significantly shorten SAR cycle times. The technical brilliance, expertise and efficiency of our team, is our strength for meticulously expediting the projects on-time.

Salient features

MASS Analysis	GC Analysis	HPTLC Analysis (High Performance Thin Layer Chromatographic Analysis)
FTIR Analysis	UV Analysis	
LCMS Analysis	Column Chromatography & Purification Service	
NMR Analysis	Combinatorial Chemistry / <i>In-Silico</i> Drug Designing	
HPLC Analysis	In-Vitro Evaluation for the all the Categories	

PHARMACOGNOSY

The Department of Pharmacognosy has a multi-disciplinary background (with skilled expertise & experience in Taxonomic Botany, Phytochemistry and Pharmacology) in medicinal plant research.

Our success is credited for wide-range of services and teams, who work round - the - clock. We are a certified company, who work closely with regulatory authorities in the related field.

Salient features

Pharmacognosy Services

- Microscopic studies of all plant Materials/ Powder Microscopy
- Determinations of Ash Values / Extractive values etc.,



Phytochemistry Services

- Phytochemical Screening
- Extraction of raw materials with different methods (Soxhlet/ Rotary Evaporation etc.)
- Isolation and characterization of Phytoconstituents
- HPLC and HPTLC fingerprinting
- Qualitative & Quantitative analysis by HPLC & HPTLC.
- GCMS with library Data
- Structural Elucidation with NMR, Mass, FTIR etc.,

Pharmaceutical Biotechnology / Microbiology

NISHKA Labs specializes in helping pharmaceutical and biotech professionals solve the critical research challenges that are present at every stage of research work. We serve as a one - stop source for scientific and technical consulting, for both the industry & academics.

We understand the process and our experts provide support and assistance at all stages. We will design the entire program, or individual studies, to complement your capabilities. Our services meet the highest ethical standards.



Services

Biotechnology (in-vitro studios)

- Anti Cancer Activity
- Antioxidant Activity
- Antidiabetic Activity
- Immunomodulatory & Inflammation Activity
- Hepatoprotective Activity
- Anti Obesity Activity
- Anti infective Activity
- Toxicology

Other in-vivo services

- Hypercholesterolemia
- Arthritis
- Osteoporosis
- Benign prostatic Hyperplasia
- Spermatogenesis
- Allergy
- Antitussive
- Psoriasis

Microbiology

- Microbial Analysis (TMC & TFC)
- Most Probable Number (MPN)
- Specific pathogen detection
- Preservative efficacy testing (PET)
- Sterility testing
- Bacterial Endotoxin Test (BET)
- Water analysis

Other in-vitro services

- Anti microbial
- Antiviral
- Cell proliferation
- Skin irritation (Dermal toxicity)
- Psoriasis
- Wound healing
- Genotoxicity
- Drug permeability
- Gene expression analysis
- Enzyme and Immunoassay (ELISA)

Project Assistance is Provided for

B.Pharmacy, M.Sc (Microbiology & Biotechnology)
M.Pharmacy, MDS, MD (Pharmacology) & Ph.D Programmes.



Note :

1. Academic samples must be submitted with an Authorization letter Certified by Guide / Principal / Head of the Institution for initiation of analysis.
2. Samples can be sent by Courier from any part of INDIA to the below address.
3. Results are delivered to the respective e-mail id

NISHKA
Scientific & Reference Laboratories
Refining Quality

NISHKA SCIENTIFIC & REFERENCE LABORATORIES

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