

Mahadeva Lal Schroff College of Pharmacy

BIADA, Aurangabad, Bihar

Date: 18/08/2025

RESEARCH CELL

RESEARCH POLICY

Aims of the Research Policy:

MLSCP aims to create and support a research culture for developing and promoting scientific temper and research aptitudes among its teachers, staff and students. It helps to realize the vision and missions of the college and plan for facilitating their participation in research and related activities and by providing the required resources and appropriate facilities.

Research is the backbone of academics. Mahadeva Lal Schroff College of Pharmacy has Research & Development Cell for promoting research activities in the institute. Research and developmental activities creates and disseminates new knowledge in the field of pharmaceutical sciences, which promotes innovation and motivate better learning and teaching among faculties and students of the college. Research policy promotes research activities, best publications and develops collaborations between the departments of the institute and between the institute and industry.

Institute has Institute- Industry cell for creation & transfer of knowledge. Seminars are organized involving industry experts/eminant academicians as speakers providing platform to for interaction and inculcate the research aptitude amongst the faculty and students of the college. Industrial training/visits are organized for students & faculty giving them exposure to latest technology used in manufacturing and quality control of pharmaceuticals, as well as updates on regulations followed by the industry.

Faculty members are promoted to opt for Ph.D qualification in order to enhance their research interest and skills. The faculty and students are motivated to present their research work in conferences like IPA students convention, IPC, International Conference etc. giving them an opportunity to interact with faculty/scientists involved in research. It also provides exposure to the students/faculty on the research work carried out by other colleagues through their presentations. Faculty members are encouraged to apply for funded/consultancy research projects to enhance their research output. Faculty members are encouraged to publish their research work in peer reviewed journals.

Scope

This is an institutional Research Policy. It is implementable in all the departments of the college.



Deepa

Principal

M.L.S College of Pharmacy
Aurangabad (Bihar)

Objectives

- ❖ To provide efficient and effective support system for faculty and researchers in their research activities.
- ❖ To ensure that the publications by faculty and researchers should be in quality journals, indexed in Scopus/Web of Science, UGC Indexed journals and/or with impact factor.
- ❖ Establish Research Centre in the institution with potential for Excellence.
- ❖ To nurture an environment of undertaking socially useful research projects with potential for commercialization.
- ❖ To provide necessary information and guidance to the faculty members for applying Research Projects sponsored by external agencies such as UGC, AICTE, DST, PCI etc.

About Research Advisory Committee:

The main objective of Research Advisory Committee is to explore new avenues of knowledge, encourage and promote research culture at the College. The research and teaching should go hand in hand for knowledge accumulation. The committee encourages faculty members to undertake and pursue their research and publish their findings. They are also encouraged to participate and present papers at conferences, seminars, symposia and workshops. The Committee is to organize regularly research oriented Faculty Development Programs, workshops, Seminars & conferences in the College. This committee deliberates all important issues relevant to research at the college level, which include research clusters, college research seminars, research infrastructure; research funding, research productivities.

Objective of RAC

- To establish our college as a Centre for Excellence in Innovation, through an interdisciplinary approach.
- To foster Innovation and Research that will lead to competitive development.
- To create opportunities for students to build their Academic Profile for a successful career.
- To enhance productivity in our youth and channel their intellect to improvise and invent for the benefit of society.
- Organizing National and International Conferences.
- Establishing linkages with other Institutes / Labs / Organizations for projects.
- Encourage publication of research articles by sending deserving entries to journals
- Arranging seminars on paper presentation techniques for faculty and students, designed to meet national and international standards.
- Identifying members of the faculty who have are orientation towards research activities.



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Research & Development (R & D) Cell

The Research & Development (R & D) Cell facilitates and encourages research culture among the faculty and students. Its prime role is to create contacts with the real world and promote research through a range of publications. The R&D Cell takes upon the responsibility of creating a work place to attract the best talent and strives continuously in pooling of skills and internal resources, creating strategy, overcoming limitations, and makes the College proud to be amongst the best institutions around the Globe.

FUNCTIONS

- ❖ To execute the research initiatives planned by the Principal and other cell member.
- ❖ Identification of thrust areas of research in herbal formulation.
- ❖ Identification of thrust areas of research in each department.
- ❖ Review the progress of research and offer necessary guidance whenever required
- ❖ Identify different organizations/ industries to undertake collaborative research on current topics of mutual interest
- ❖ Faculty Research and Development committee specifically work for faculty of Institute and motivate the faculty of the Institute in achieving the objectives of R&D.
- ❖ To improve resource utilization.
- ❖ To balance Research and teaching activities
- ❖ To promote the faculty to organize and attend conference/workshops/ Seminars/Training/ FDP for faculty.
- ❖ To create awareness and promote faculty for publication, research contribution and patents.



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R & D CELL MEMBERS

S.No.	Name of Member	Designation	Role
1	Dr. Deepak Kumar Gupta	Principal	Chairman
2	Dr. Shiv Prakash Rajput	Professor	Member
3	Dr. Aditi Adarsh	Associate Professor	Co-ordinator
4	Mr. Vikas Kumar Singh	Associate Professor	Member
5	Mr. Kausar Shafaat	Associate Professor	Member
6	Mr. Bimlendra Kumar Singh	Associate Professor	Member
7	Mr. Rakesh Kumar Sahu	Assistant Professor	Member

DEPARTMENT WISE R & D THRUST AREAS

Pharmaceutics:

- ❖ Formulation and Development
- ❖ Novel Drug Delivery Systems
- ❖ Multiparticulate Drug Delivery System
- ❖ Colon Specific Drug Delivery System
- ❖ Targeted drug delivery system
- ❖ Herbal Formulation
- ❖ Enhancement of stability and bioavailability

Pharmaceutical Chemistry:

- ❖ Molecular Modeling
- ❖ Computer Aided Drug Designing
- ❖ Analytical Method Development
- ❖ Combinatorial Chemistry

Pharmacology:

- ❖ Preliminary Screening of Drug Effect
- ❖ Toxicological Evaluation
- ❖ Effective Bioavailability and Bioequivalence Studies
- ❖ Preclinical Studies
- ❖ In-Vivo Studies
- ❖ Adverse Drug Reaction



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Pharmacognosy:

- ❖ Preliminary Screening of Drug Effect
- ❖ Pharmacological Studies of Herbal Drug and Formulation
- ❖ Qualitative and Quantitative Studies
- ❖ Formulation and Development of Crude Drugs
- ❖ Fingerprint Analysis of Herbal Drugs and Formulations

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Principal

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