



01/03/2023 to 28/02/2026 3 years



Memorandum of Understanding (MOU)

Between

Oriental College of Pharmacy, Sanpada, Navi-Mumbai

AND

National Facility for Biopharmaceuticals,

Guru Nanak Khalsa College of Arts, Science & Commerce

This Memorandum of Understanding is drawn up and agreed upon between the following two parties namely:

Oriental College of Pharmacy, Sanpada, Navi-Mumbai, Maharashtra- 400705

an institute established under aegis of Oriental Education Society, Andheri, Mumbai.

And

National Facility for Biopharmaceuticals,

Guru Nanak Khalsa College of Arts, Science & Commerce, Nathalal Parekh

Marg, Matunga East, Mumbai – 400019

I. PURPOSE

The specific purpose of this MOU is to establish an overarching framework for collaboration between the Parties. This framework will be based on mutually agreed upon programs and activities in the areas of applied scientific research/academic collaborative research, Preclinical studies, Analytical studies, Workshops, Expert talks, Faculty & Students training and other value added activities to foster the Job and Skills development of Pharmacy Students and other job seekers.

The general purpose of this MOU is to facilitate industry and research cooperation between the parties hereunder based upon the principles of mutual benefit and may include the following general cooperation areas.

1. The projects will be jointly carried out by **National Facility for Biopharmaceuticals** and **Oriental College of Pharmacy** depending upon the requirements and infrastructure facilities, leading to research & other value added services/projects.
2. The collaborative work for education, research, seminars and projects will be decided with mutual discussion and consent of the **National Facility for Biopharmaceuticals and Oriental College of Pharmacy**.
3. **National Facility for Biopharmaceuticals and Oriental College of Pharmacy** will mutually advice and support in planning and executing programs promoting excellence in respective areas of research.
4. **National Facility for Biopharmaceuticals** will also be providing guidance for the purpose of conducting collaborative research project.

It is therefore agreed by the two parties to cooperate with each on the following points.

1. JOINT CONFERENCE/WORKSHOPS

Both the parties agree to hold/conduct, whenever feasible (At least one in a year), national events, Joint workshops, conferences, training programs within the areas of mutual interest like:

- ✓ *All B.Pharm/M.pharm Subject areas*
- ✓ *Advanced Pharmaceutical Science*
- ✓ *Pharmacovigilance*
- ✓ *Clinical Data Management*
- ✓ *Clinical Research*
- ✓ *Drug Regulatory Affairs*
- ✓ *Medical Coding*
- ✓ *Medical Writing*
- ✓ *Medical Summarizing*
- ✓ *Medical Transcription*
- ✓ *Placements*
- ✓ *Experimental and Applied Microbiology*
- ✓ *Molecular cloning in Prokaryotes*
- ✓ *Downstream processing and Protein Purification*
- ✓ *Fermentation Process & High Cell Density Cultivation*
- ✓ *Bioanalytical techniques in Biopharma*
- ✓ *Techniques in Mammalian cell culture*
- ✓ *Data Analytics*
- ✓ *Insights of Clinical Trials*
- ✓ *Bioinformatics and Biostatistics*

2. VALUE ADDED COURSES / INDUSTRIAL TRAINING

Both parties are agreed that will design and conduct the Value added courses and industrial training for existing/ other pharmacy students if needed.

3. TRAINING

National Facility for Biopharmaceuticals can conduct training sessions for students on Experimental and Applied Microbiology, Molecular cloning in Prokaryotes, Downstream processing and Protein Purification, Fermentation Process & High Cell Density Cultivation, Bioanalytical techniques in Biopharma, Techniques in Mammalian cell culture, Data Analytics, Insights of Clinical Trials, Bioinformatics and Biostatistics.

4. SERVICES TO STUDENTS

Both parties will involve and cooperate for the services to the students that may be provided by National Facility for Biopharmaceuticals like:

- ✓ *Skill development*
- ✓ *Pharmacovigilance internship/certified training & Jobs*
- ✓ *Advanced Pharmaceutical Science internship & Jobs*
- ✓ *Clinical Trials internship/ certified training & Jobs*
- ✓ *Clinical Data Management training & jobs*
- ✓ *Drug Regulatory Affairs training & jobs*
- ✓ *Research paper / Report writing guidance*
- ✓ *Animal studies guidance*
- ✓ *Clinical & pharmaceutical research guidance*
- ✓ *Experimental and Applied Microbiology*
- ✓ *Molecular cloning in Prokaryotes*
- ✓ *Downstream processing and Protein Purification*
- ✓ *Fermentation Process & High Cell Density Cultivation*
- ✓ *Bioanalytical techniques in Biopharma*
- ✓ *Techniques in Mammalian cell culture*
- ✓ *Data Analytics*
- ✓ *Insights of Clinical Trials*
- ✓ *Bioinformatics and Biostatistics*

5. SERVICES TO THE COLLEGE / INSTITUTES

Both the party will involve and cooperate for the services to the party or other colleges that may be provided by National Facility for Biopharmaceuticals like:

- ✓ *Certified Training to Faculties & Students on different medical & pharmaceutical & biopharmaceuticals domains and Value added courses*
- ✓ *Induction program for fresher*
- ✓ *Tie-ups for all academic-related activities*
- ✓ *Guest lectures*
- ✓ *Contract research*
- ✓ *Summer internship training programs*
- ✓ *Association for workshops & conferences*
- ✓ *Accreditation consultancies*
- ✓ *Research grant assistance*

6. SERVICES /TRAINING STANDARD

The standard for any service will be based on International/National regulations and guidelines of the concerned departments.

7. PERIOD OF AGREEMENT

This MoU becomes effective upon the date of the last Party to sign and will continue in effect for three years. It may be modified by mutual written consent or terminated by either party upon a 30-day advanced written notice to the other party. The Parties agree to evaluate the MoU periodically during the effective period, but at least once annually, on or before the anniversary of the effective date. Upon evaluation, either Party shall have the option of continuing, modifying, or canceling this agreement as per mutual understanding.

8. NAME & ADDRESS OF PARTICIPATING PARTIES AND LIAISONS:

Name of the Institute: - National Facility for Biopharmaceuticals, Guru Nanak Khalsa College of Arts, Science & Commerce,

Authorized Signatory:

Name: Dr. Pratiksha Palahe

Signature:

Designation: Head, National Facility for Biopharmaceuticals

Phone: 9833318006

Mail: pratiksha@nfbindia.in

Seal of the Institute:



Name of the Institute: -Oriental Education Society's

Oriental College of Pharmacy, Sanpada, Navi- Mumbai

Authorized Signatory:

Name: Dr. Sudha Rathod

Signature:

Designation: Principal, Oriental College of Pharmacy, Sanpada, Navi- Mumbai

Phone: 976900309

Mail: principal@ocp.edu.in

Seal of the Institute



Date:- 01/03/2023

In the presence of

1. Dr. Sayyed Mateen, OCP.

2. Mr. Nilesh Babre, OCP

3. Mr. VIKAS JHA, NFB

Place: Mumbai.