

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made and entered into as of 27<sup>th</sup> September 2021

BETWEEN

Chromo Laboratories India private Limited, a company incorporated in accordance with the laws of INDIA and having its office situated at **Plot No: 43 & 44, IDA, Phase-II, Pashamylaram, Patancheru Mandal, Sangareddy District-520,307** represented by **B. Ananda Reddy**, Managing Director.

AND

RBVRR Women's College of Pharmacy, Approved by PCI, Affiliated to Osmania University having its office at Barkatpura, Hyderabad-500027 Telangana (herein after referred to as "RBVRR").

WITNESSETH

- A. WHEREAS, Chromo Laboratories India private Limited and RBVRR have entered into an MOU, dated 27<sup>th</sup> September 2021, for the purpose of R&D Activities
- B. Now therefore, in consideration of the mutual understandings, covenants and obligations hereinafter set forth, Chromo Laboratories India private Limited and RBVRR here to agree as follows:

**A. Role of RBVRR:**

1. RBVRR will conduct the research and development work provided by Chromo Laboratories India private Limited scale synthesis of certain API and Drug intermediates, plan for innovation of the existing Synthetic route of Chromo Laboratories India private Limited from the date of signing this MOU.
2. RBVRR has the requisite technical manpower to perform the various R&D projects
3. RBVRR also has the necessary labs with equipment and instruments to carry out the projects.
4. RBVRR shall update from time to time to the concerned executive of Chromo Laboratories India private Limited about the progress of the work.

5. RBVRR shall strictly adhere to the timelines of the projects.
6. RBVRR will maintain strict confidentiality of the R&D projects.
7. RBVRR shall not divulge any of the information of the R&D works carried out to any third party, if so Chromo Laboratories India private Limited will have every right to take legal action against RBVRR
8. RBVRR will not publish the R&D works in any of the scientific journals or present the data in any of the conferences
9. RBVRR shall provide the soft copy and the hardcopy of the project data.

**C. Role of Chromo Laboratories India private Limited:**

1. Will provide the details/documentation of the R&D projects to RBVRR for evaluation.
2. Arranging Placements for B. Pharm/ M. Pharm students.
- 3 Providing drug samples API/Intermediates for students pursuing projects.
4. Providing summer internship program for B. Pharm and M.Pharmacy students.
5. Utilization of research facilities for analysis of samples for M. Pharm students

**D. The above MOU is for an initial period of 48 months,**

\* will be continuous based on mutual understanding

E. The parties agree not to disclose during the term of this MOU to any third parties the existence or nature of the business

IN WITNESS WHEREOF, THE PARTIES HERE TO HAVE CAUSED THIS MOU TO BE DULY EXECUTED BY THEIR RESPECTIVE OFFICERS

Chromo Laboratories India private Limited

RBVRR Women's College of Pharmacy



**Authorized Signatory**



**Authorized Signatory**

**PRINCIPAL**

**RBVRR Women's College of Pharmacy  
Barkatpura, Hyderabad - 500 027 (TS)**

**Registered Office & Factory:** Plot No: 43 & 44, IDA, Phase II, Pashamylaram,  
Patancheru Mandal, Sangareddy District - 502 307, Telangana, India.

**Tele Fax No:** +91 8455 297020, **Mobile No:** +91 9490757602,

**E-mail:** info@chromolabs.com, **Website:** www.chromolabs.com



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5. RBVRR shall strictly adhere to the timelines of the projects.
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RBVRR Women's College of Pharmacy



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**PRINCIPAL**

**RBVRR Women's College of Pharmacy  
Barkatpura, Hyderabad - 500 027 (TS)**

Date: 25-08-2022

This is to inform that Ms. G.Sowmya and Ms. B.Aishwarya, Students of M. Pharmacy second Year Pharmaceutical Analysis Branch, bearing roll numbers 170620885003 and 170620885002 studying in RBVRR Women's College of Pharmacy has gone through training for three months at Chromo Laboratories India private Limited on the Analytical Instruments.

Chromo Laboratories India private Limited



Authorized Signatory

## Activity Report

Training Report: Chromo Laboratories India Pvt. Ltd. Provides Analytical Instrument Training to M Pharmacy Students of Pharmaceutical Analysis Branch for 3 Months at RBVRR Women's College of Pharmacy

Introduction: Chromo Laboratories India Pvt. Ltd., in collaboration with RBVRR Women's College of Pharmacy, initiated a specialized training program focused on analytical instruments for M Pharmacy students specializing in Pharmaceutical Analysis. This training was conducted as part of the Memorandum of Understanding (MOU) between the two entities, with the aim of enhancing students' practical skills and knowledge in pharmaceutical analytical techniques.

### Training Program Overview:

- Duration: The training program spanned over a period of three months.
- Participants: M Pharmacy students specializing in Pharmaceutical Analysis from RBVRR Women's College of Pharmacy actively participated in the training sessions.
- Facilitators: Experienced analysts and instrument specialists from Chromo Laboratories India Pvt. Ltd. led the training, providing guidance and expertise in analytical instrumentation.

Training Modules: The training modules encompassed various analytical instruments commonly used in pharmaceutical analysis, including:

1. High-Performance Liquid Chromatography (HPLC): Theory, operation, method development, and troubleshooting of HPLC systems.
2. Gas Chromatography (GC): Basics of GC instrumentation, sample preparation, column selection, and data interpretation.
3. Spectroscopic Techniques: Introduction to UV-Vis spectroscopy, Fourier-transform infrared (FTIR) spectroscopy, and atomic absorption spectroscopy (AAS).
4. Mass Spectrometry (MS): Principles of MS, ionization techniques, mass analyzers, and applications in pharmaceutical analysis.
5. Dissolution Testing: Understanding the principles and operation of dissolution testing apparatus for assessing drug release from dosage forms.

Methodology: The training sessions utilized a blend of theoretical lectures, practical demonstrations, hands-on experiments, and interactive discussions. Participants were provided with opportunities to operate analytical instruments under the guidance of experienced mentors from Chromo Laboratories India Pvt. Ltd.

### Outcome and Impact:

- **Enhanced Practical Skills:** The training program equipped M Pharmacy students with practical skills in operating and troubleshooting analytical instruments, enhancing their competence in pharmaceutical analysis.
- **Industry-Relevant Knowledge:** Participants gained insights into industry-standard analytical techniques and instrumentation, aligning them with current practices in pharmaceutical laboratories.
- **Collaboration Opportunities:** The collaboration between Chromo Laboratories India Pvt. Ltd. and RBVRR Women's College of Pharmacy facilitated knowledge exchange and collaboration between academia and industry, enriching the learning experience for students.
- **Career Readiness:** The training program enhanced students' readiness for roles in pharmaceutical quality control, research, and development, providing them with valuable hands-on experience desired by employers.

**Conclusion:** The training provided by Chromo Laboratories India Pvt. Ltd. to M Pharmacy students specializing in Pharmaceutical Analysis at RBVRR Women's College of Pharmacy, under the collaborative MOU, effectively bridged the gap between academic learning and practical industry requirements in analytical instrumentation. This successful initiative underscores the significance of industry-academia collaborations in nurturing skilled professionals for the pharmaceutical sector.