

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made and entered into as of 4th December 2020

BETWEEN

Chemikos Laboratories Private Limited, a company incorporated in accordance with the laws of INDIA and having its office situated at Plot NO: 43 & 44, ALEAP INDUSTRIAL AREA, Hyderabad, Telangana State, India, PIN: 500090, represented by Dr A.RAGHUPATHI 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, Chemikos Laboratories Private Limited and RBVRR have entered into an MOU, dated 4th December, 2020, for the purpose of R&D Activities
- B. Now therefore, in consideration of the mutual understandings, covenants and obligations hereinafter set forth, Chemikos Laboratories Private Limited and RBVRR here to agree as follows:

A. Role of RBVRR:

1. RBVRR will conduct the research and development work provided by Chemikos Laboratories Private Limited scale synthesis of certain API and Drug intermediates, plan for innovation of the existing Synthetic route of Chemikos Laboratories 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 Chemikos Laboratories 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 Chemikos Laboratories 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.

B. Role of Chemikos Laboratories 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 like API and Impurities/Intermediates for students pursuing projects.
4. Providing summer internship program for B. Pharm students.
5. Utilization of research facilities for analysis of samples for M. Pharm students

C. The above MOU is for an initial period of 60 months,

D. 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

Chemikos Laboratories Private Limited

Signature: *A. Raghupathi Reddy*

Name: Dr A.RAGHUPATHI REDDY

Title: Managing Director



RBVRR Women's College of Pharmacy

Signature: *M. Sumakanth*

Name: Dr M. Sumakanth

Title : Principal

PRINCIPAL

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

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Title: Managing Director



RBVRR Women's College of Pharmacy
Signature: 
Name: Dr M. Sumakanth
Title : Principal

PRINCIPAL
RBVRR Women's College of Pharmacy
Barkatpura, Hyderabad – 500 027 (TS)

Date: 27-11-2021

This is to inform that Ms. Meher Unnisa and Ms. Mysa Maneesha Students of M. Pharmacy second Year Pharmaceutical Chemistry Branch, bearing roll numbers 170619884001 and 170619884002 studying in RBVRR Women's College of Pharmacy has gone through training for three months at Chemikos Laboratories Private Limited on the Synthesis and Characterisation of Compounds/Impurities.



Chemikos Laboratories Private Limited

Synthesis R&D Head



Activity Report

Training Program Report: Chemikos Labs Pvt. Ltd. Trains M Pharmacy Students in Compound Synthesis and Impurities

Introduction: Chemikos Labs Pvt. Ltd., in collaboration with RBVRR Women's College of Pharmacy, conducted a specialized training initiative focused on compound synthesis and impurities for M Pharmacy students specializing in Pharmaceutical Chemistry. The program aimed to provide practical experience and skills in synthetic chemistry techniques relevant to pharmaceutical research and development.

Training Program Overview:

- **Duration:** The training spanned three months.
- **Participants:** M Pharmacy students specializing in Pharmaceutical Chemistry from RBVRR Women's College of Pharmacy participated actively.
- **Facilitators:** Experienced chemists and researchers from Chemikos Labs Pvt. Ltd. led the sessions, offering guidance and expertise in compound synthesis and impurity profiling.

Training Modules: The training curriculum covered various topics related to compound synthesis and impurity characterization, including:

1. **Synthetic Chemistry Techniques:** Practical training in synthetic chemistry methods for pharmaceutical compounds and impurities.
2. **Compound Synthesis:** Learning strategies for synthesizing target compounds using diverse chemical reactions and routes.
3. **Impurity Identification:** Understanding methods to identify and characterize impurities in pharmaceutical compounds.
4. **Purification Methods:** Exploring purification techniques such as column chromatography and crystallization for compound isolation.
5. **Analytical Methods:** Introduction to analytical methods and instrumentation for compound analysis, including spectroscopic and chromatographic techniques.

Methodology: The training sessions utilized a mix of theoretical lectures, practical demonstrations, and hands-on exercises. Students had opportunities to engage in synthesis projects under the mentorship of experienced professionals from Chemikos Labs Pvt. Ltd.

Outcome and Impact:

- **Enhanced Practical Skills:** The training equipped students with practical skills in compound synthesis and impurity profiling, improving their competence in pharmaceutical research and development.
- **Industry-Relevant Knowledge:** Participants gained insights into industry-standard synthetic chemistry techniques and impurity characterization methods, aligning with current industry practices.
- **Collaboration Opportunities:** Collaboration between Chemikos Labs Pvt. Ltd. and RBVRR Women's College of Pharmacy fostered knowledge exchange and collaboration, enhancing the learning environment.
- **Career Readiness:** The program enhanced students' readiness for roles in pharmaceutical research and development, providing valuable hands-on experience desired by employers.

Conclusion: The training provided by Chemikos Labs Pvt. Ltd. to M Pharmacy students specializing in Pharmaceutical Chemistry at RBVRR Women's College of Pharmacy, under the collaborative MOU, effectively bridged the gap between academic learning and practical industry requirements in compound synthesis and impurity profiling. This successful initiative underscores the significance of industry-academia collaborations in nurturing skilled professionals for the pharmaceutical sector.