



# BENOVA LABS PRIVATE LIMITED

Regd. & Admn. Office : # 13-1-183/1, Plot No. 69, Snehapuri Colony, Motinagar, Hyderabad - 500 018, Telangana, INDIA  
Tel : +91-40-2383 0292, E-mail : info@benovalabs.com, www.benovalabs.com  
GSTIN : 36AAECB7760K1ZC

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made and entered into as of 2<sup>nd</sup> January 2019

### BETWEEN

BENOVA LABS(P) LIMITED, a company incorporated in accordance with the laws of INDIA and having its office situated at 13-1-183/1, Plot No 69, Snehapuri Colony, MothiNagar, Hyderabad-500018, Telangana State, INDIA, Factory location at Sy.No.10, Gaddapotharam (V), Jinnaram (M), Sanga Reddy Dist-502319 represented by Dr.P.Krishna 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 (hereinafter referred to as "RBVRR").

### WITNESSETH

- A. WHEREAS, BENOVA LABS(P) LIMITED and RBVRR have entered into an MOU, dated 2<sup>nd</sup> January 2019, for the purpose of R&D Activities
- B. Now therefore, in consideration of the mutual understandings, covenants and obligations hereinafter set forth, BENOVA LABS(P) LIMITED and RBVRR here to agree as follows:

#### **A. Role of RBVRR:**

1. RBVRR will conduct the research and development work provided by BENOVA LABS(P) LIMITED scale synthesis of certain API and Drug intermediates, plan for innovation of the existing Synthetic route of BENOVA LABS(P) 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.



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4. RBVRR shall update from time to time to the concerned executive of BENOVA LABS(P) 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 BENOVA LABS (P) 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 BENOVA LABS (P) 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

## **C. The above MOU is for an initial period of 36 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 HERETO HAVE CAUSED THIS MOU TO BE DULY EXECUTED BY THEIR RESPECTIVE OFFICERS

BENOVA LABS (P) LIMITED

Signature 

Name: Dr. P. Krishna Reddy

Title: Managing Director



RBVRR Women's College of Pharmacy

Signature :

Name: Dr M. Sumakanth 

Title : Principal

**PRINCIPAL**

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



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BENOVA LABS (P) LIMITED

Signature 


Name: Dr. P. Krishna Reddy

Title: Managing Director



RBVRR Women's College of Pharmacy

Signature :

Name: Dr M. Sumakanth 

Title : Principal

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Date: 15-07-2019

This is to inform that Ms. Syeda Adiva Sanober and Ms. Zaberunnisa, Students of M. Pharmacy second Year Pharmaceutical Chemistry Branch, bearing roll numbers 170618884002 and 170618884004 studying in RBVRR Women's College of Pharmacy has gone through training for three months at BENOVA LABS PVT LTD on the Synthesis and Characterisation of Compounds/Impurities.



BENOVA LABS PVT LTD

*B. Venkat Reddy*  
Synthesis R&D Head

## Activity Report

Training Provided by Benova Labs Private Limited to M Pharmacy Students of Pharmaceutical Chemistry Branch in Synthesizing Compounds and Impurities for 3 Months at RBVRR Women's College of Pharmacy

Introduction: Benova Labs Private Limited, in accordance with the Memorandum of Understanding (MOU) established with RBVRR Women's College of Pharmacy, conducted a specialized training program in synthesizing compounds and impurities for M Pharmacy students specializing in Pharmaceutical Chemistry. The program aimed to provide students with practical experience and skills in synthetic chemistry techniques relevant to pharmaceutical research and development.

### Training Program Overview:

- Duration: The training program spanned over a period of three months.
- Participants: M Pharmacy students specializing in Pharmaceutical Chemistry from RBVRR Women's College of Pharmacy actively participated in the training sessions.
- Facilitators: Experienced chemists and researchers from Benova Labs Private Limited led the training sessions, offering expertise in synthetic chemistry and impurity profiling.

Training Modules: The training modules covered a comprehensive range of topics related to compound synthesis and impurity characterization, including:

1. Synthetic Chemistry Techniques: Hands-on training in synthetic chemistry techniques for the preparation of pharmaceutical compounds and impurities.
2. Compound Synthesis: Learning methodologies for synthesizing target compounds using various chemical reactions and synthetic routes.
3. Impurity Identification: Understanding the principles and techniques involved in identifying and characterizing impurities in pharmaceutical compounds.
4. Purification Methods: Exploring purification techniques such as column chromatography, crystallization, and recrystallization for isolating and purifying synthesized compounds.
5. Analytical Methods: Introduction to analytical methods and instrumentation for analyzing synthesized compounds and impurities, including spectroscopic and chromatographic techniques.

Methodology: The training sessions employed a combination of theoretical lectures, practical demonstrations, laboratory experiments, and hands-on exercises. Participants were provided with opportunities to work on synthesis projects under the guidance of experienced mentors from Benova Labs Private Limited.

### Outcome and Impact:

- **Enhanced Practical Skills:** The training program equipped M Pharmacy students with practical skills in compound synthesis and impurity profiling, enhancing their competency in pharmaceutical research and development.
- **Industry-Relevant Knowledge:** Participants gained insights into industry-standard synthetic chemistry techniques and impurity characterization methods, preparing them for careers in the pharmaceutical industry.
- **Collaboration Opportunities:** The collaboration between Benova Labs Private Limited and RBVRR Women's College of Pharmacy facilitated knowledge exchange and collaboration between academia and industry, fostering a conducive learning environment for students.
- **Career Readiness:** The training program enhanced students' readiness for roles in pharmaceutical research and development, providing them with valuable hands-on experience and skills desired by employers.

**Conclusion:** The training provided by Benova Labs Private Limited to M Pharmacy students specializing in Pharmaceutical Chemistry at RBVRR Women's College of Pharmacy, as part of the MOU between the two institutions, has been instrumental in bridging the gap between academic learning and practical industry requirements in compound synthesis and impurity profiling. The program's success underscores the importance of industry-academia collaborations in nurturing skilled professionals for the pharmaceutical sector.