



Shri Guru Ram Rai Institute of Medical & Health Sciences Shri Mahant Indiresht Hospital

Patel Nagar, Dehradun - 248 001

SGRR/BIO/CMRL/2016-310

Date: 13/12/16



Memorandum of Understanding (MOU)

Sub: Memorandum of Understanding (MoU) between Central Molecular Research Laboratory, Department of Biochemistry, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun, Uttarakhand, India and Division of Microbiology and Biotechnology, GLA University Mathura, Uttar Pradesh - INDIA

This MoU signed between **Central Molecular Research Laboratory, Department of Biochemistry, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun-248001, Uttarakhand** the first Medical College in Uttarakhand, clubbed up with all the major facilities for Advanced Molecular Diagnostics and Research work. Equipped with latest technologies and meeting all parameters for doing research related work, Institute is providing range of quality assured Advanced Molecular Diagnostic tests and customized teaching and training Programs with the latest technology and expertise, which aims at making Doctors / Biotechnologists / Microbiologists and Life Sciences candidates aware of the newest technologies in molecular diagnostics arena in India.

AND

Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh, India, offering undergraduate and postgraduate degree, diploma and certificate programmes in various disciplines like Biotechnology, engineering, pharmacy, Medical, management etc.

At **Central Molecular Research Laboratory, Biochemistry Department (Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun, Uttarakhand 248001):**



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- 1) Central Molecular Research Laboratory will commence the Research oriented training programs/ summer training / Project work /Thesis work starting from one month to six months period as per the requirements of students of Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh , India for their project work and industrial training.
- 2) The Research oriented Programs and short term training includes Project compilation, group discussions on the topic allotted, power point presentations and latest and advance topics delivered by Senior Professors, Scientists and senior technical members.
- 3) Central Molecular Research Laboratory will equip the students with advanced hands on training in the field of Molecular Biotechnology, Molecular Microbiology and Clinical Biochemistry.
- 6) With the consent/approval or agreement, particularly and especially after thoughtful consideration from the institution authorities, H.O.D Biotechnology, Division of Microbiology & Biotechnology, **GLA University Mathura, Uttar Pradesh , India**, Projects / thesis work / short term training of the candidate can be published as research paper, article, book, case studies or as a short communication.
- 7) SGRRIM & HS will provide training for the interested faculties (free of cost for the duration of 01-02 weeks) of Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh , India on latest cutting edge scientific technologies. Laboratories facilities at Central Molecular Research Laboratory for the Ph. D students can be provided and the cost shall be discussed and finalized on mutually agreed terms.

At Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh , India.

- 1) To allow the Life science students for Industrial training /summer training / Project works / Thesis work at Central Molecular Research Laboratory as per their curriculum.
- 3) For the trainees of Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh , India, there will be some concession in the fee and as per the duration of the training.
- 4) Fee is not refundable and can be paid by cash or submitted by demand draft in favor of Shri Guru Ram Rai Institute of Medical & Health Sciences Payable at Dehra Dun (Uttarakhand) at Account's Section Shri Mahanat Indiresht Hospital, Patel Nagar Dehradun 248001 (U.K).



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- 5) It is important to intimate the student's numbers to Central Molecular Research Laboratory, one month before coming for the training programs so as to accommodate and make necessary arrangements for the same.
- 6) To allow Faculty Members of Central Molecular Research Laboratory to deliver a lecture/presentation followed by demonstration at Division of Microbiology & Biotechnology, **GLA University Mathura, Uttar Pradesh, India.**

In addition, both the Institutes agree and acknowledge that the objective of this Memorandum of Understanding is to develop a mutually beneficial relationship based on certain guiding principles in spirit, namely:

1. Both, SGRRIM & HS and Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh, India will contribute substantially in terms of their intellectual capital and strengths in research and development, as well as education and trainings in one or more areas of Biotechnology.
2. Both will enter into joint research and development activities by initiating writing of detailed project report (DPR) and submission of the project proposal to the funding agency like DBT, DST, CSIR, ICMR, ICAR, or any other national and/ or international funding agencies. The idea is to explore joint research programmes and bring out intellectually driven product lines and patent generation. Thus, both agree in terms of exchange of information and fostering collaboration in research and educational training programmes in the sphere of Bio-Technology/ Molecular Diagnostics and other related fields.
3. Both the Institutes agree to work together in the area of design & development of customized modules and guidance to dissertations work for B. Sc., B. Tech., M.Sc., M. Tech., and Ph. D degrees.
4. SGRRIM & HS and Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh, India, shall jointly evaluate the performance of the trainees in each Courses/ Module and award a certificate on its successful completion.
5. Results, data and outcome of the projects/training cannot be published or submitted anywhere without the prior information of the concerned Faculties of Central Molecular Research Laboratory, Biochemistry Department and Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh, India.
6. Projects will be allotted only after the complete rotation on all the workstations so that students will be familiar with all the techniques involved in his / her project.
7. All the specimens (if involved in the project) should be processed in the facilities fulfilling all the essential parameters and Biosafety guidelines will be strictly followed.
8. For becoming author/s in Research papers, review articles and short communication the name of the trainee and faculty member/s from the Division of Microbiology & Biotechnology will be entered on prior consent from H.O.D Biotechnology, Division of Microbiology & Biotechnology, GLA University Mathura, Uttar Pradesh, India.

