

15 (1)

Annexure to  
Item -15

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

(Established by the State Legislature Act XII of 1956)  
(\*A+\* Grade NAAC Accredited) .

Minutes of the meeting of the Committee, constituted by the Vice Chancellor held on 14.02.2019 at 12:30 p.m. in the office of the Dean Academic Affairs to examine the MOU to be signed between Central Molecular Research Laboratory, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun and Kurukshetra University, Kurukshetra.

**Members Present:**


1. Dean Academic Affairs .....(in the Chair)
  2. Dean, Faculty of Life Science
  3. Chairperson, Department of Microbiology
  4. Deputy Registrar (Academic)
- (Finance Officer could not attend the meeting.)


At the outset Chairperson, Department of Microbiology apprised the Committee about the details of the MOU and discussed the same at length which is to be signed between Central Molecular Research Laboratory, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun and Kurukshetra University, Kurukshetra.


Since this MOU is in the academic interest of the University, therefore, this MOU may be made between Central Molecular Research Laboratory, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun and Kurukshetra University, Kurukshetra.

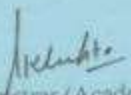
After detailed deliberations the Committee unanimously resolved to recommend the MOU as at Annexure-I for approval by the higher authorities.

The Committee also resolved that the Chairperson, Department of Microbiology, KUK will be the Coordinator for the activities to be performed by them as per the MOU (Annexure-I).

  
Dean Academic Affairs

  
Dean, Faculty of Life Sciences

  
Chairperson,  
Department of Microbiology

  
Deputy Registrar (Academic)

15 (2)

From overleaf

-2-

Endst. No. ACS-I/MoU/19/ 3942-3945

Dated: 18/03/19

Copy of the Minutes as overleaf alongwith Draft MoU duly approved by the Vice-Chancellor in anticipation of approval of the Academic Council/Executive Council under Section 11(5) of K.U. Act, 1986 is forwarded to the following for taking necessary action:-

1. All the Members of Committee.
2. Chairperson, Dept. of Microbiology with a request to send a signed copy of MoU to this office for record.

*Keludto*  
15.2.19  
*Sud*  
Deputy Registrar (Academic)

-2- 15 (3)



**Shri Guru Ram Rai University (SGRRU)**  
Shri Guru Ram Rai Institute of Medical & Health Sciences and Shri Mahant  
Indresh Hospital, Patel Nagar, Dehradun-248001 (Uttarakhand)



### Central Molecular Research Laboratory (CMRL)

#### Memorandum of Understanding (MOU)

MoU between Central Molecular Research Laboratory, Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun, Uttarakhand, India

&

Kurukshetra University, Kurukshetra, Haryana

This MoU signed on Dated.....  
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

Kurukshetra University, Kurukshetra, Haryana, offering undergraduate and postgraduate degree, diploma and certificate programmes in various disciplines like, Microbiology, Biotechnology, engineering, pharmacy, Medical, management etc.

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

**Brief Profile of the Institute:** Shri Guru Ram Rai University is running 150 schools, 2 degree Colleges, one Medical College with an annual intake of 150 M.B.B.S seats and a multi-specialty and super speciality 1000 bedded Hospital situated in the heart of the city, nearly 2 km from both the railway station & bus terminal. The Hospital caters to about 1500 patients on a daily basis under the direct supervision & humane touch of the medical specialists.

**Central Molecular Research Laboratory (CMRL):** Central Molecular Research Laboratory (CMRL) at Shri Guru Ram Rai Institute of Medical & Health Sciences, Patel Nagar, Dehradun is equipped with novel facilities for Molecular Diagnosis of the Infectious Diseases, Autoimmune Disorders, Cancer Markers, Molecular Immunology, Toxicology, Cellular and Molecular Research work. CMRL is providing a range of PCR & IVD approved quality assured Molecular Diagnostic tests for patients and customized teaching and training modules with world class infrastructure, latest technologies and expertise to Medical Faculty and

Life Sciences Students not from India but from different parts of the Globe. Recent trends in Medical Sciences need the mutual collaborative association between clinicians and biomedical specialists to train new generation for the better management and treatment of the diseases and to harness the technology for the betterment of the suffering humanity.

Some of the Salient features of Central Molecular Research Laboratory are:

- 1) Central Molecular research laboratory is a Center for Advanced Molecular Diagnosis of Infectious, Noninfectious, Autoimmune disorders and Oncology related diseases. Following are the facilities available at the center:

CHIKUNGUNYA VIRUS PCR TEST
CYTOMEGALO VIRUS DNA, QUALITATIVE REAL-TIME PCR
CYTOMEGALO VIRUS DNA, QUANTITATIVE REAL-TIME PCR
H1N1(SWINE FLU) QUALITATIVE, REAL TIME PCR TEST
HEPATITIS C VIRUS RNA QUANTITATIVE VIRAL LOAD
HEPATITIS B VIRUS QUALITATIVE PCR
HEPATITIS B VIRUS QUANTITATIVE DNA TEST
HEPATITIS C VIRUS (HCV) GENOTYPING TEST
HEPATITIS C VIRUS QUALITATIVE PCR TEST
Human Immunodeficiency Virus RNA QUANTITATIVE PCR TEST
HLA B-27 PCR
HUMAN PAPILOMA VIRUS DNA SCREENING AND GENOTYPING TEST
HERPES SIMPLEX VIRUS 1 & 2 DNA SCREENING AND GENOTYPING TEST
MYCOBACTERIUM TUBERCULOSIS /NON TUBERCULOSIS
MYCOBACTERIUM PCR TEST
MOLECULAR DIAGNOSIS OF TUBERCULOSIS
SEROTYPING OF DENGUE AND ITS MOLECULAR CHARACTERIZATION

- 2) Central Molecular Research Laboratory is only approved center in Uttarakhand for Swine Flu (H1N1) testing from National Center for Disease Control (NCDC), New Delhi and Ministry of Health and Family Welfare, New Delhi, Govt. of India.
- 3) Central Laboratories of the Institute is accredited with National Accreditation Board for Testing and Calibration Laboratories (NABL).

#### For Kurukshetra University, Kurukshetra, Haryana

- 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 Kurukshetra University, Kurukshetra, Haryana for their project work / 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) With the consent/approval or agreement, particularly and especially after thoughtful consideration from the institution authorities, H.O.Ds of Kurukshetra University, Kurukshetra, Haryana, Projects / thesis work.