



MEMORANDUM OF UNDERSTANDING

BETWEEN

**PANJAB UNIVERSITY, CHANDIGARH
AND
DEFENCE INSTITUTE OF PHYSIOLOGY & ALLIED SCIENCES,
NEW DELHI**

PARTIES:

- A. PANJAB UNIVERSITY, Chandigarh which expression shall mean and include its successors in interest and assigns of the second part (hereinafter referred to as PU), AND
- B. DEFENCE INSTITUTE OF PHYSIOLOGY & ALLIED SCIENCES, New Delhi which expression shall mean and include its successors in interest and assigns of the first part (hereinafter referred to as DIPAS)

WHEREAS PU AND DIPAS are interested in entering into a MOU with a view of sharing a common desire to explore extend and strengthen the functional relationship between the Universities and National laboratories with well established R & D set up (s) in Biological, Pharmaceutical and Physical Science in order to share the facilities and expertise available with each of them, herewith, sign this MOU on following broad understanding:

1. Research scholars/scientific staff working in different disciplines at DIPAS may register for Ph.D. degree to be awarded by Panjab University, (not exceeding 12 Ph.D. registration per academic year) provided the candidates pass the Ph.D. admission test conducted by the University and completes Ph.D. course work. Schedule laid down by the respective departments for pre-Ph.D. course will have to be followed. Separate registration will be done on the basis of the fellowship and willingness of Supervisor/Co-Supervisor from the Panjab University. Course work will be done either at Panjab University/DIPAS.

Pre-Ph.D. examination will be conducted by Panjab University and the student is required to clear this exam.

2. Scientists/Director working at the DIPAS shall be recognized as Ph.D. supervisors as per guidelines of Panjab University.
3. The travel allowance on the visits of Scientists from DIPAS for any academic discussion/RDC meeting/Ph.D vive-voce examination of the student of the institute will be borne by the DIPAS.
4. The DIPAS will provide regular short-term training of 4-5 months duration to the students of Panjab University, Chandigarh in their areas of specialization on the request from the University/concerned School of Studies. A minimum of 05 students of Biological Science be accommodated in every academic year for dissertation works and no fee would be charged by the R & D Institution. (The Dean of concerned faculty would work out the names of candidates from relevant subjects after mutual consultation with the Heads/Coordinators for submission to R&D Institution).
5. Ph.D. students working at Panjab University, Chandigarh will be allowed to carry out a part of their research work in various laboratories of DIPAS and the Institution will extend all necessary facilities, consumables & expertise to the research students.
6. The faculty/Scientists of Panjab University Chandigarh and DIPAS may apply for joint collaborative research projects and patents to National and International funding agencies. Data generated through such collaborative research will be published in peer reviewed journals jointly by the scientists of both the institutions.
7. The MOU will be effective for a period of 10 years from the date of signature.
8. While carrying out study at DIPAS, the students of Panjab University will be governed as per institutional rules and regulations.
9. This Memorandum of Understanding reflects the respective Institution's commitments to terms and conditions mentioned in MOU. This memorandum of understanding may be amended or terminated at any time by the notifying party before provided that notice of termination or amendment is given by the notifying party to the other party thirty (30) days of the date on which the termination or the amendment is intended to become effective. The commitments, made before the date of the termination of MOU, will continue to be operative.

Contact Persons:

- DIPAS:** Dr. Shweta Rawat, HRD Coordinator, Defence Institute of Physiology and Allied Science, DRDO Lucknow, Road Timarpur, Delhi-110054. Email: hrddipas@yahoo.com
- PU:** Prof. Kanwaljit Chopra, University Institute of Pharmaceutical Sciences, Panjab University, Sector 14, Chandigarh, U.T. - 160014. Email: k.chopra@pu.ac.in

Review

The collaborative activity will be reviewed on an annual basis by the University coordinators noted above and report prepared annually

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum as of the date first written above.

Dr. Shashi Bala Singh
Director
Defence Institute of Physiology and
Allied Sciences (DIPAS)

Professor Arun Kumar Grover
Vice Chancellor
Panjab University

Date: Feb 19, 2016