



MEMORANDUM OF UNDERSTANDING FOR INSTITUTIONAL COLLABORATION

BETWEEN

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (IITKGP),

AND

INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)

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Preamble

Indian Institute of Technology Kharagpur (IITKGP) is a reputed institution of higher learning situated at Kharagpur, India, 721302. This is an autonomous institute under the Ministry of Human Resource & Development (MHRD), Government of India.

INDIAN COUNCIL OF MEDICAL RESEARCH, a society registered under the Societies Registration Act 1860, having its office at V. Ramalingaswami Bhawan, Ansari Nagar, New Delhi -110029, India (herein after called as ICMR) of the other part.

IITKGP and ICMR have agreed for institutional collaboration in education and research. The primary objective is to promote interaction and collaboration between faculty, staff and students of IITKGP and ICMR institutions through visits and exchange programmes, carry out joint academic and research programmes, joint supervision of doctoral and masters students, funded research. The relationship also aims at enhancing the technological collaboration in areas of national interest. It also includes some specifically identified areas of cooperation, which may be updated from time to time.

Coordination

Dr Meenakshi Sharma, Division of ITR, ICMR Hqrs shall be the Coordinator from ICMR and Head, School of Medical Science and Technology, IIT Kharagpur shall be the Coordinator from IITKGP. The participants and Coordinators may change from time to time as decided by appropriate authority of the respective institutions.

Scope of Cooperation

The following areas of cooperation have been identified under this agreement.

- (i) Faculty exchange programme: The two parties will explore opportunities for interaction among members of faculty between IITKGP, ICMR institutions as well as creating

Visiting/Adjunct Faculty positions. Each such visit shall require approval of the relevant authorities.

- (ii) Student exchange programme: The two parties agree to participate in student exchange programme at the respective institutions. Visits under such programmes may be for a short duration, such as summer/winter terms or short courses, or for a longer duration not exceeding two semesters. However, for visits exceeding two semesters separate approvals will be needed. A detailed proposal document on this has to be approved by the highest academic bodies of IITKGP and ICMR before implementation.
- (iii) Joint research projects: The two parties will explore opportunities of undertaking joint research projects under IITKGP mega initiative in healthcare 'Signals and Systems for Life Science', IMPRINT (**IMP**acting **R**esearch, **I**nnovation and **T**echnology) – India that may be funded by ICMR, MHRD, other Indian funding agencies and external funding agencies. Under the IMPRINT program, IITKGP (as nodal centre for Healthcare for all IITs, NIITs and IISc) and ICMR will work together for the purpose of identifying the needs of the country in terms of research and technology requirements and collaborate to address major technological challenges in identified areas relevant to our country's needs. IITKGP as nodal coordinator for Healthcare in the IMPACT program will help in undertaking multidisciplinary, multicentric studies involving other IITs and IISc along with ICMR institutes.
- (iv) Participation in academic networking: Joint tapping of scientists and entrepreneurs, internationally under the 'Global Initiative of Academic Networks (GIAN)'; IITKGP and ICMR will jointly organize International Summer/Winter Term (ISWT) under GIAN program in the areas identified by mutual consent. A detailed proposal document on this has to be approved by the highest academic bodies of IITKGP and ICMR institutions before implementation.
- (v) Coordinated degree programme: Joint PhD/Masters programmes etc. may be explored and formulated, possibly in association with other reputed academic, research or industrial organizations. A detailed document related to such programmes will be required and approved by the competent authorities of IITKGP and ICMR, before implementation.
- (vi) Joint academic activities and events: IITKGP and ICMR institutions and medical institutions identified by ICMR may formulate joint academic activities such as short course, seminars, workshops or conferences based on mutual interests and available expertise in both the institutions. They may also share and carry out joint research in technology for distance and computer-based learning.
- (vii) Participation in National Digital Library project: ICMR institutions and medical institutions identified by ICMR will explore participation in National Digital Library project coordinated by IITKGP.

- (viii) Joint Research Centre: IITKGP and ICMR will explore setting up of a joint research centre at IITKGP for long term collaboration between two institutions.
- (ix) Both institutes will explore the possibility of joint collaborations with other Science and Technology Departments/ Medical Institutes/IITs/Universities in all the areas mentioned before.

The areas of cooperation may be revised by mutual consent. However, specific programmes, activities and projects may require separate agreements detailed out and documented as annexures to this MoU.

Intellectual Property

Intellectual property developed during the visit of an exchange student/Ph.D./scholarship holder/researcher/faculty/staff will be governed by the rules of the host institute unless otherwise specified. If the two institutions in clearly defined collaborative projects and exchange programmes both have a part in Intellectual Property developed (results) with shares which can't be separately exploited they shall jointly own these results. Under these requirements a joint ownership entitles each institution to use free of charge for scientific purposes and explore commercialization. However, transfer of jointly developed Intellectual Property and associated sharing of revenue shall be governed by a separate agreement.

Furthermore, if one institution receives any information from the partner under a clearly defined non-disclosure agreement, necessary and reasonable care will be taken to protect the intellectual property received.

Financing

ICMR and IIT Kharagpur will approach government, other funding agencies and industries for funding the various initiatives envisaged under this MoU. The two institutions may also consider providing initiation grant or other kind of support from their own resources.

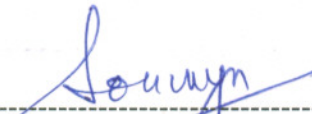
Both institutes will provide tuition fee waivers to the exchange students. In case of both faculty and student exchange programs salaries and travel will be borne by parent institute; whereas local hospitalities will be borne by host institute. There are no further financial obligations for the contract partners as a result of this contract.

Legal Status

This document is a statement of intent to foster genuine and mutually beneficial cooperation and is not legally binding on the parties. Any disputes shall be resolved through mutual discussion.

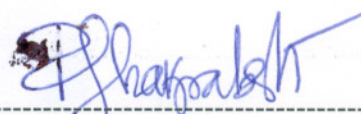
Validity

This MoU is valid for an initial period of five years and becomes effective from the date it is signed by the partners. The partnership period may be extended by mutual consent. In case one partner wishes to terminate in writing the MoU, intimation will have to be sent at least six months in advance. However, specific commitments made prior to such intimation shall be honoured by both the partners.



Dr Soumya Swaminathan.....
Secretary, DHR & DG, ICMR.....
Indian Council of Medical Research
New Delhi, India.....

Date : 21.1.16



Prof. Partha Pratim Chakrabarti
Director
Indian Institute of Technology Kharagpur
Kharagpur, India

Date : 21/01/16