

Memorandum of Understanding

Between



BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

No. 173, Agharam Road, Selaiyur, Chennai - 600 073, Tamil Nadu

and



CSIR-CSIO

CSIR-CENTRAL SCIENTIFIC INSTRUMENTS ORGANISATION

CHANDIGARH-160030

This Memorandum of Understanding entered into on the _____ between:

Central Scientific Instruments Organization, Chandigarh (hereinafter referred to as "CSIO"), a constituent laboratory of Council of Scientific & Industrial Research (CSIR) represented by the Director having its office at Sector-30, Chandigarh - 160 030.

AND

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH (BIHER), Chennai established under Section 3 of the UGC Act, 1956 and for the purpose of this MoU represented by the Vice Chancellor duly authorized to sign this MoU on behalf of Molecular and Clinical biology (Dept of BioTechnology, Microbiology, Pharmacology, Radiology and Dentistry) at BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH, N. 173, Agharam Road, Selaiyur, Chennai - 600 073, India (hereinafter referred to as "BIHER"), as the other part.

To promote Academic and Research Co-operation between the two Institutions.

1. Objectives

- Joint Research & Development, projects in the areas of Biomedical Nanotechnology as it applies to clinical and molecular biology and other areas of basic medical and allied Sciences research to be funded by external funding agencies;
- The concerned scientists of CSIO and corresponding faculty members of BIHER will formulate Research projects and HRD plans for joint work with due approval of both the participating institutions.
- Impart Training to staff, students and technical personnel within the areas of co-operation.
- Joint Sponsored and Consultancy Projects could be undertaken with both long term and short term goals keeping in view of the interests and philosophies of the respective institutions.

2. Exchange/Deputation of Staff

Both CSIO and BIHER jointly agree :

- To exchange staff through deputation on full-time / part-time basis for a limited period and upto one year at a time for the purpose of implementation of joint tasks within the areas of cooperation. Staff members on such deputation shall be deemed to be on duty with the parent organization for the said period.
- That the faculty / staff and research fellows registered for Ph.D. degree may visit other institutions for a short period in connection with their research work. They shall be deemed to be on duty with the parent organization for the said period.

- That the technical personnel deputed for training shall be deemed to be on duty with the parent organization for the period of training. The TA/DA will be borne by the parent Organisation / Institution.
- That the faculty / staff will be encouraged to deliver lectures / invited talks at the other institution. The TA/ DA and the honorarium for the lectures shall be borne by the host institution.
- Faculty of BIHER may submit the research proposals with CSIO scientists under promoting Innovation in Individuals, Start-Ups and MSME scheme of CSIO, etc.

3. Joint Conference/ Workshop / Courses

- Both institutes agree to hold / conduct, whenever feasible, joint workshops, conferences, training courses within the areas of co-operation.
- The host institution shall provide accommodation to the participating members from the visiting institutes wherever feasible at special minimum rate applicable to research and academic institution.

4. Sharing of Facilities

- The two institutes agree to share their respective important R&D facilities in order to promote academic and research interactions in the areas of co-operation to intensify the high priority areas programme of science and technology. The charges of facility usage shall be applicable which shall be decided jointly by CSIR-CSIO and BIHER on case to case basis through separate proposals as per UGC/DST/DSIR/ICMR/CSIR guidelines.
- The two institutes agree to exchange software, other materials and components developed in-house in the areas of co-operation if advisable within the framed rules governing the two institutes.
- Access to laboratory, library and other supporting facilities for jointly supervised Ph.D. Students (in the areas of mutual interest) and for a limited number of Ph.D. Students, registered before the signing of this MoU, stationed at BIHER and CSIO will be provided by both institutes.

5. Project Work of Students

Selected students of M.Sc., M. Pharm, B.Tech. and M.Tech. in the respective areas of specialization of BIHER will be allowed for project work at CSIO. The students will work in the areas of mutually agreeable divisions by both Institutions. The training charges shall be applicable as per CSIR-CSIO norms.

6. Ph.D. Registration

- CSIO will be recognized as research center of BIHER in mutually agreed program areas.

7. Areas of Cooperation

The areas of cooperation will be defined and modified from time to time by the Coordination Committee set up for the purpose.

The identified areas of cooperation along with nodal point at BIHER are as under:

Instrumentation for Biomedical and Nano Technology:

- Clinical and Molecular Biology
- Basic Medical and Allied Sciences
- Pre-clinical Toxicology
- Pharmacokinetics
- Clinical and Trial facilities for bio products developed under the collaboration

Director, CSIO / his nominee shall be the coordinator from CSIO for the identified areas of co-operation.

The coordinator from BIHER for each identified areas of co-operation shall be the Head of the Institution

8. Coordination Committee

- The following will constitute the Coordination Committee to monitor and review the collaborative programme between the two institutions:
 - a) Head of the Institution, BIHER or his nominee
 - b) Director, CSIO or his nominee
 - c) Two Professors of the concerned department to be nominated by the Head of the Institution, BIHER
 - d) Two Scientists of the concerned laboratories to be nominated by the Director, CSIO.
- The Coordination Committee shall:
 - Review annual progress of the identified programs
 - Consider the new R&D proposals for joint collaboration and implementation on case to case basis including IPR and financial arrangement.
 - Consider the addition / deletion of areas of cooperation between the two institutions during review.
 - Consider the continuance of the MOU.

9. Publications and Patents

- All publications in the programs of cooperation will be co-authored by the concerned staff / Research fellow of CSIO and faculty of BIHER.
- CSIR-CSIO & BIHER will be joint holders of the intellectual property Right (IPR) / Patents flowing out of joint work.

10. Non-Disclosures

In case of joint research and consultancy projects taken up by CSIO and BIHER, no party will disclose any investigation to media in any form without mutual consent.

11. Validity & Period

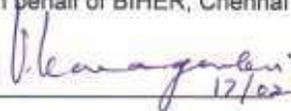
This MoU shall be valid for a period of five years from the date of signing.

At the end of validity period of the MoU, a fresh MoU with similar/ modified terms may be considered for signing.

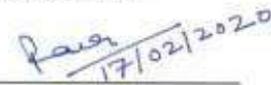
12. Termination

Either party may terminate the MoU in advance of its normal expiration by providing the other with six-month written notice subject to fulfillment of commitments already agreed upon. Provisions of this MoU shall continue to apply to ongoing activities until their completion. Any disputes arising out of this MoU will be settled by mutual negotiations between the parties.

In witness where of the two parties have signed this memorandum of understanding by the hand of _____ on behalf of CSIO, Chandigarh and by hand of _____, BIHER on behalf of BIHER, Chennai on date, month and year referred above.


17/02/2020

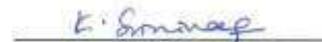
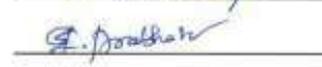
Bharath Institute of Higher Education
& Research, Selaiyur, Chennai


17/02/2020

Director, CSIO, Chandigarh

Witnesses



Date:
Place: