



## **MEMORANDUM OF UNDERSTANDING BETWEEN**

**Indian Institute of Science Education and Research, Pune**

**AND**

**Chennai Mathematical Institute, Chennai**

Indian Institute of Science Education and Research (having the address at 900, NCL Innovation Park, Dr. Homi Bhabha Road, Pune 411 008, India) (hereinafter referred to as IISER)

**AND**

Chennai Mathematical Institute (having the address at Plot H1, SIPCOT IT Park, Padur PO, Siruseri 603103) (hereinafter referred to as CMI)

Conclude this Memorandum of Understanding (hereinafter referred to as the "MoU") with respect to the establishment of research and educational programs between IISER and CMI.

### **I PURPOSE**

1. IISER Pune is a research-teaching Institute for basic science and offers a 5 year integrated MS programme (after class XII) and a 5 year Integrated Ph.D. programme as well as a regular Ph.D. programme. The courses offered and teaching pattern emphasize interdisciplinarity.
2. IISER's during their formative years have general difficulty in attracting good mathematics faculty and this is a drawback for developing / kindling interest in mathematics and providing adequate background among the students

interested in pursuing mathematics as well as those who would apply mathematics to other disciplines – Physics, Chemistry and Biology.

3. CMI has able faculty specialized in different branches of pure and applied mathematics and offers courses for B.Sc., M.Sc. and Ph.D. programmes, with specialization in mathematics.
4. CMI offers basic and specialized courses in mathematics at the UG level that IISER Pune students will benefit from.
5. IISER Pune has well equipped teaching and research laboratories in physics that physics students at CMI will find extremely useful for both lab-work and practicals.
6. Therefore, IISER and CMI recognize that mutual collaboration, given each other's strengths in teaching and research, will mutually benefit the students and faculty in each Institute.

## **II COLLABORATIVE TEACHING RESEARCH ACTIVITIES**

IISER Pune and CMI Chennai agree to the following joint activities:-

- i. Summer programmes in May-June of every year for students selected by the Indian Academy of Sciences / JNCASR / NBHM / IISER Pune / CMI Chennai. IISER Pune and CMI, Chennai will jointly organize the programme once every year alternatively at Chennai and Pune starting from June 2009.
- ii. Students in the 4<sup>th</sup> and 5<sup>th</sup> year of the integrated M.S. and Ph.D. programmes at IISER Pune and those in the M.Sc. programme of CMI can attend approved semester-long courses of their choice at the other Institute. Evaluations and credits of students will be suitably transferred into their respective accounts in the parent Institute.
- iii. IISER Pune will organize once every year small lab experiments in physics for students in the UG programme of CMI.

## **III**

## RESPONSIBILITIES OF THE PARTIES

Each Institute will nominate a Co-ordinator who will frame the programme structure and provide logistic arrangement at each venue such as accommodation, food, infrastructure for training, teaching etc. at the local Institute where the programme is organized.

IISER Pune and CMI Chennai will reciprocatively exchange their faculty as per the needs of each Institute.

## V

### TERMS AND VALIDITY OF THE MoU

The term of this MoU will be for 5 years from the date of signing the agreement and renewable afterwards. It can be terminated at anytime, if necessary, by mutual consent.

## VII

### MODIFICATION

Any modification or amendment of this MoU shall be made on the basis of mutual written understanding.

Each party shall sign two identical copies of this MoU, and retain one copy.

**For and on behalf of the  
Indian Institute of Science Education and Research**



**Dr. K.N. Ganesh**  
Director  
Indian Institute of Science Education and Research, Pune



**For and on behalf of the  
Chennai Mathematical Institute**



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