

**Centre of Industrial Mathematics, Department of Mathematics, Univ. of Bremen,  
and the  
Department of Mathematics, Indian Institute of Technology, Kharagpur**

**MEMORANDUM OF UNDERSTANDING**

In order to extend the effective and mutually beneficial cooperation and develop academic and cultural exchange in education, research and other areas, the Indian Institute of Technology, Kharagpur ("IITKGP"), and the Centre of Industrial Mathematics at the University of Bremen ("ZeTeM") hereby agree to cooperate toward the internationalization of higher education.

The University of Bremen is a leading institution in Germany for undergraduate and graduate education. Moreover, ZeTeM is internationally recognized as a leading institution in the fields of applied mathematics and its application to problems from science, engineering and technology. The centre is hosted by the Department of Mathematics at the University of Bremen.

IITKGP is a leading institution in the Indian subcontinent for undergraduate and graduate education, research and has established its reputation as the premier institute of higher learning and research in its home country, as well as overseas, and is an institute of national importance, set up by the Government of India under its own acts and statutes as an institution of higher scientific and engineering learning and research.

ZeTeM and IITKGP desire to cooperate in fields of education and to collaborate in scientific areas of mutual interest and capabilities. Therefore, the parties agree as follows.

1. The collaboration between IITKGP and ZeTeM is motivated by the complementary nature of their work; these complementary efforts can combine the strengths of each institution for the benefit of both, and lead to significantly enhanced levels of joint achievement.
2. The parties agree that it will be of mutual benefit to cooperate in education, in particular in the exchange of students and faculty. This will be the focus of the initial phase of this cooperation; it might be extended in the future in order to collaborate in joint research. The parties will use their reasonable efforts to encourage and promote collaboration between the two institutions in order to fulfill the goals of this agreement.

3. Each of the parties nominates a person in charge, who will serve as a bridge between ZeTeM and IITKGP and their respective universities, and as platform, upon which University of Bremen and IITKGP organize student and faculty exchange, engage in educational collaboration, and may pursue joint research.
4. With regards to intellectual property, each institution will adhere to the intellectual laws of their respective nations. Intellectual property developed during the visit of an exchange student will be governed by the rules of the host institute unless otherwise specified by an alternate agreement. The two institutions shall jointly own results of clearly defined collaborative projects. Whenever one institution receives any information from the partner under a clearly defined non-disclosure agreement, necessary steps will be taken to protect the intellectual property received.
5. The partners will seek financial support from individuals, government agencies and private organizations to fund the costs relating to the undertakings contemplated by this Memorandum.

This Memorandum sets forth the parties intentions and understanding, but is not legally binding. Some specific areas of collaboration shall be identified later and updated from time to time in subsequent legally binding agreements.

This agreement is valid for an initial period of five years taking effect on May 01, 2008. The partnership period may be extended by mutual consent. In case one party wishes to cancel the MOU, intimation will have to be sent by June 30 of that year. In that case the MOU will terminate at the end of the calendar year, i.e., December 31.

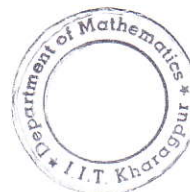
Michael Böhm

Prof. Dr. Michael Böhm  
Deputy Chairman of Department of  
Mathematics and Computer Science  
University of Bremen, Germany

AR Roy 23/04/2008

Prof. A. R. Roy  
Head of Department of Mathematics  
Indian Institute of Technology  
Kharagpur, India

**Prof. A. R. Roy**  
**Head**  
**Department of Mathematics**  
**I.I.T. Kharagpur - 721302**



Peter Maass

Prof. Dr. Peter Maass  
Director Centre of Industrial Mathematics  
University of Bremen, Germany

