

Resume of Prof. Sanjay Gupta



Professor Sanjay Gupta is presently working in the Mechanical Systems Design specialization of the Department of Mechanical Engineering, Indian Institute of Technology Kharagpur. He obtained his Bachelor's degree in Mechanical Engineering from Bengal Engineering College, University of Calcutta in 1989 and Master's degree in Mechanical Engineering from Jadavpur University, Calcutta in 1992. In 2002, he was awarded Doctoral degree from the Delft University of Technology, The Netherlands, for his research on shoulder biomechanics and shoulder implants. He has worked as a Senior Research Fellow at the University of Southampton, UK, and as a Research Associate at Imperial College London, where he was involved in on a variety of research projects in the field of orthopaedic biomechanics and implant design. His primary research areas are bone and joint mechanics, pre-clinical analysis of implant design and tissue engineering. He has developed Biomechanics laboratory in the department and has successfully completed sponsored research projects, funded by Department of Biotechnology, Government of India and UKIERI British Council. He has several publications in peer-reviewed international journals and conferences. He has completed supervision of eight PhD scholars and two more are ongoing. Over the last decade, he has successfully collaborated with University of Southampton and Imperial College London. He was also the Faculty Coordinator, International Relations at IIT Kharagpur.