

31 AUGUST 2006

## DECISION DOCUMENT

Based on the Agreement between the Government of the Republic of Slovenia and the Government of the Republic of India on Scientific and Technological Cooperation, signed in New Delhi on 31<sup>st</sup> January 1995, on the Protocol of the Second Meeting of the Indo-Slovenian Joint Working Group on The Scientific and Technological Cooperation, signed in New Delhi on 10<sup>th</sup> September 2004 and on the call for proposals for joint research projects, announced by the Ministry of Higher Education, Science and Technology of the Republic of Slovenia and the Ministry of Science and Technology of the Republic of India respectively in 2005, the two sides realize that:

The Ministry of Higher Education, Science and Technology of the Republic of Slovenia received 13 (thirteen) proposals for joint research projects and the Ministry of Science and Technology of the Republic of India received 12 proposals for joint research projects.

The project proposals have been peer reviewed by both sides and the Ministry of Higher Education, Science and Technology of the Republic of Slovenia and the Ministry of Science and Technology of the Republic of India have come to the agreement to co-finance 11 matching proposals received by both sides. The approved projects and nature of support are listed in Annexure 1.

The approved projects will be funded for the period from 1<sup>st</sup> September 2006 to 31<sup>st</sup> December 2007. The Joint Working Group for Scientific and Technological Cooperation, established according to the above mentioned Agreement may, meet at the earliest and review the progress and consider approval of projects for proper duration.

Done in Ljubljana and New Delhi, respectively, in August 2006.

FOR THE SLOVENIAN SIDE

FOR THE INDIAN SIDE



Zvonko Bergant, co-chair of the JWG  
Acting Head, Directorate of Science and  
Higher Education  
Ministry of Higher Education, Science and  
Technology  
Government of the Republic of Slovenia




Y.P. Kumar, co-chair of the JWG  
Adviser & Head, International Department  
Department of Science and Technology  
Ministry of Science and Technology

Government of the Republic of India

Slovenian - Indian S&T Cooperation 1 September 2006 - 31 August 2008 - LIST OF APPROVED PROJECTS

No.	SI PI in Slovenia Institution in Slovenia	IND PI in India Institution in India	ANG Title of Project in English	Visits in 2006 - required		Visits in 2007 - required	
				To/IN	To/Sl	To/IN	To/Sl
1.	<b>Mitjan Kalin</b> University of Ljubljana Faculty of Mechanical Engineering Askerčeva 6 1000 Ljubljana	<b>Bikramjit Basu</b> Indian Institute of Technology, IIT - Kanpur	Tribological properties of nanostructured ceramic composite materials	1x14 d	1x3 m	1x1 m	1x14 d
2.	<b>Sandi Klavžar</b> Institute of Mathematics, Physics and Mechanics Jadranska 19 1000 Ljubljana	<b>Manoj Cgangat</b> Department of Futures Studies University of Kerala	Metric Graph Theory and Applications	2x14 d	2x25 d	2x14 d	2x25 d
3.	<b>Aleš Iglitič</b> University of Ljubljana Faculty of Electrical Engineering Tizška 25 1000 Ljubljana	<b>Sunil Kumar P.B.</b> Department of Physics Indian Institute of Technology Madras	Active and passive inclusions on bilayer membranes: The influence of anisotropy and electric charge of the membrane constituents on budding and domain formation in bilayer membranes	1x1m	2x2 m	2x1 mesec	2x2 m
4.	<b>Angela Surca Vuk</b> National Institute of Chemistry Hajdrihova 19 1000 Ljubljana	<b>Prasanta Kumar Biswas</b> Central Glass & Ceramic Research Institute, Sol-Gel Division	Study of structural properties of sol-gel low-e materials by IR spectroscopy	3x14 d	3x1 m	2x14 d 1x1 m	1x14 d
5.	<b>Aleš Podgornik</b> BIA SEPARATIONS d. o. o. Teslova 30 1000 Ljubljana	<b>Mockambeswaran A Vijayalakshmi</b> VIT - Vellore Institute of Technology	Application of CIM monolithic support pseudoaffinity chromatography of macromolecules	3x14 d 1x2 m	3x14 d 1x3 m	3x14 d 1x3 m	3x14 d 1x3 m
6.	<b>Karin Stana Kleinschek</b> University of Maribor Faculty of Mechanical Engineering Smetanova 17 2000 Maribor	<b>Rani Kocheemoolyil</b> Cochin University of Science and Technology	Creating high-tech materials using advanced surface treatment of oriented renewable polymers	3x14 d	3x14 d 3x1 m	1x14 d	1x14 d 3x1 m
7.	<b>Ivan Kreft</b> University of Ljubljana Biotechnical Faculty Jamnikarjeva 101 1000 Ljubljana	<b>Nikhil Kumar Chungoo</b> Department of Botany, North Eastern Hill University	Development of molecular markers for identification of buckwheat genotypes with improved grain starch quality	1x1 m	1x1 m	1x1 m	1x1 m

	SI	IND	ANG	Visits in 2006- required		Visits in 2007- required	
No.	PI in Slovenia Institution in Slovenia	PI in India Institution in India	Title of Project in English	10 IN	10 SI	10 IN	10 SI
8	<b>Milna Tomazević</b> Slovenian National Building and Civil Engineering Institute Dimitčeva 12 1000 Ljubljana	<b>Pankaj Agarwal</b> Indian Institute of Technology Roorkee Department of Earthquake Engineering	A feasibility study on low cost distributed isolation techniques for masonry buildings for earthquake protection	1x14 d	1x14 d	1x14 d 1x1m	
9	<b>Nina Danau</b> Jožef Stefan Institute Jamova 39 1000 Ljubljana	<b>Debabrata Basu</b> Central glass & Ceramic Research Institute	Study of remodelling of bone - ceramic interface to assess cell growth kinetics as a function of composition and morphological modification of ceramic implant	2 x 14 d	1x28d 1X3 m	2x14d	1x28d 1X3 m
10	<b>Marjetka Podobnik</b> National Institute of Chemistry Hajdrihova 19 1000 Ljubljana	<b>Sandhya S. Viswesvariah</b> Indian Institute of Science, Bangalore	Biochemical and Structural Characterization of enzymes involved in cyclic nucleotide metabolism from Mycobacterium tuberculosis	1x1 m	1x1 m	1x1 m	1x1 m
11	<b>Veronika Stoka</b> Jožef Stefan Institute Jamova 39 1000 Ljubljana	<b>Milanjan Roy</b> National Institute of Pharmaceutical Education and Research (NIPER)	Mechanisms of apoptosis and aging as revealed by yeast and mammalian cell models	1x14 d 1X3 m	1x14 d	2x14 d	1x14 d 1X3 m