## Research collaboration with Foreign Institutes / Universities –

Sl. No.	Name of Institute	Details of Collaboration/Forms of Cooperation			
Biot	Biotechnology				
1	University of Plovdiv, Bulgaria	Indo-Bulgarian Joint project, DST, New Delhi (Jan 2010-Dec 2012);			
2	University of Helsinki, Finland	Indo-Finland Joint Project DBT, New Delhi (Mar 2012-Mar 2015);			
3	Jungwon University, South Korea				
4	Tufts University, USA				
5	University of Central Florida, USA				
6	Nanyang Technological University, Singapore				
7	Justus Liebig University, Germany				
8	Spiber Technologies, Sweden				
9	Dr. Karolinska Institutet (KI),	Various Research Projects			
	Sweden				
10	University of Georgia, USA				
11	KIT Germany				
12	NESCO-IHE Institute for Water				
	Education, Delft, The Netherlands				
13	RPI, New York				
14	Cambridge University, UK				
15	Swedish University of Agricultural	Joint Indo- Sweden DBT project on spider-silk			
	Sciences (SLU) /Spiber Technologies	based wound patch for diabetic patients			
	mical Engineering				
1	KIT Japan				
2	California Institute of Technology				
3	CRERE, Saudi Arabia				
4	Yeungnam University				
5	Old Dominion University				
7	University of Akron	Research/Academic			
8	NTU Singapore Yasouj University, Iran	Research/Academic			
9	Massachusetts Institute of Technology				
	Cambridge, USA				
10	Univ. of Nottingham, Malaysia Campus				
11	Univ. of British Columbia, Canada				
12	University of Delaware, USA				
	Chemistry				
1	Colorado State University, USA				
2	University of Southern California				
3	Institutfür Anorganische Chemie Universität Göttingen	Various ongoing research projects in			
4	Germany, Institut für Anorganische Chemie, Karlsruher Institut für Technologie	laboratories			

5	University of Durham (UK)	
6	Dept of Pharmacy and Pharmacology,	
0	Faculty of Health Sciences, University	
	of the Witwatersrand	
7	Institute of Materials Science NCSR	
,	"Demokritos", Greece	
8	Max Planck Institute of Polymer	Implemented one project, second project
	Research, Mainz, Germany	under progress on photovoltaic materials and
	, , ,	devices.
9	Synchrotron SOLEIL, FRANCE	Synchrotron SOLEIL, Device thin film
10		characterization
11	Goethe University, Germany	Electronically Excited States in PPV type
		systems
12	The University of Manchester, UK	Computational work and DFT modelling
13	University of Heidelberg, Germany	
14	Ewha Womans Univ., Seoul, Korea	Instrumental facility (spectral
		characterization)
15	Kyushu University, Fukuoka, Japan	Resonance Raman Facility (low temperature)
4.6	W. C. C. C. L. L. D. C.	of high-valent metal intermediates
16	University of Heidelberg, Germany	Continuation of BOYSCAST Fellowship
17	Max-Planck Institute for	DST-MPI partner programme
C::1	Kohlenforschung, Germany	
	Engineering	C. II. da a cella a constant
1	Royal Institute of Technology (KTH) Sweden	Collaborative research
2	Utah Water Research Laboratory	Collaborative research
3	University of Leeds, UK	Research on sensitivity analysis
4	York University, Canada	Research on fate and transport of
4	Tork offiversity, Canada	contamination in soils
5	Stockholm University	Collaborative research
	puter Science & Engineering	donaborative research
1	Institute for Real-Time Computer	Research on resource efficient implementation
1	Systems, Technical Univ. of Munich	of control loops on embedded platforms
2	Carl von Ossietzky University,	Research on contract-based design of real-time
_	Oldenburg, Germany	components
3	University of Missouri Kansas City	Research on the development of scalable
-	11 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	multimedia delivery systems and caching in
		multimedia content delivery systems
4	Nanyang Technology Univ., Singapore	Research project
5	The National Institute of Information	Research on Networks and Network Security
	and Communications Technology of	
	Japan	
Elect	tronics & Electrical Engineering	
1	University of Pardubice, Czech	Academic/Research, Exchange researchers,
	Republic	faculty. Exchange of documentation and
2	University of Aachen, Germany	Research
3	University of Dresden, Germany	Academic/Research, Exchange researchers,
		faculty Exchange of documentation and

		Research under (DAAD)
4	University of Eindhoven, Netherlands	Research, Exchange researchers, faculty.
5	University of Delft, Netherlands	Exchange of documentation and Research
6	CSTR, University of Edinburgh	Research, Exchange of researchers (UG, MS,
7	Chubu University, Japan	PhD, post doc) faculty, joint research
8	NUS, Singapore	Academic & Research, Exchange of
9	Telecom Bretagne, France	researchers (UG, MS, PhD, post doc) faculty, joint research
10	IDIAP Research Institute, Switzerland	Research project
Нии	nanities & Social Sciences	
1	University of Lund, Sweden	Research project on Climate Change, Water
1	oniversity of Euria, Sweden	and Rural Livelihood
2	University of Leeds, UK	Research Project on Developing Measures for assessing inequity in access to water in Urban India
3	ATREE and UNESCO	man
	hematics	
1	University of Sheffield, UK.	
2	Department of Mathematics, IIT	
_	Madras	
3	Drake University, Des Moines, Iowa	Academic/Research
4	ETH Zurich, Switzerland	
5	University of Twente, The	
	Netherlands	
6	Iowa State University, Ames, Iowa	
7	McMaster University, Canada	
8	Nationwide Investments, Columbus, USA	
9	RWTH, Aachen, Germany	
10	TIFR Centre, Bangalore, India	
11	TU Berlin, Germany	
12	Universidad Carlos III de Madrid, Spain	
13	Universidad de Chile, Santiago, Chile	]
14	Universidad de Salamanca, Spain	]
15	Universidad de Zaragoza, Spain	Academic/Research
16	Univ. of Illinois at Chicago, Chicago,	Treadomic, research
	USA	
17	Xavier University, Cincinnati, USA	
	hanical Engineering	
1	WMG, University of Warwick, UK	Academic, Industrial UKIERI travel grant under thematic partnership in low carbon materials technologies, innovations, and applications
2	Texas A&M University, USA	Research on mesoscopicmodeling of multiphase dynamics and transport phenomena in porous media using lattice Boltzmann method and numerical modeling of redox flow battery.

2	University of Aveirs Destural	
3	University of Aveiro, Portugal	
4	University of Evora, Portugal	
5	University of Coimbra, Portugal	
6	University of Minho, Portugal	Research projects
7	University of Porto, Portugal	
8	Rush University, USA	
9	Guwahati Medical Collage and NIPER	
10	IKE, University of Stuttgart, Germany	
11	KIT, Karlsruhe Germany	Research with DAAD Fellowship
12	The University of Nottingham, UK	Research in the area of electromechanical
4.0		interaction of electrical machine
13	VTT, Finland	Research in the area of self-bearing machine and
14		switched reluctance machine
Phy		
1	The Hong Kong Polytechnic	Faculty and B.Tech student's visit for research,
	University, Hong Kong	Joint Publications
2	DMRL, Hyderabad	Characterization and fabrication of lead free
		piezoelectric sensors
3		
4	James Cook University, Australia	Continuous microwave frequency
		measurements at cryogenic temperatures
5	Univ. of South Carolina, Columbia	
6	UNESP, Brazil	
7	IMEN Malaysia	
8	Brookhaven National Laboratory, US	
9	Univ. of Torino & INFN Torino, Italy	
10	Technion-Institute of Technology,	
	Haifa , Israel	
11	Univ. of Siegen, Germany	
12	Univ. of Montreal, Canada	
13	Univ. of Karlsruhe and Karlsruhe	
	Institute of Technology, Germany	
14	University of Southampton, UK	
15	Instituto Superior Tecnico, Portugal	
16	Université de Mons(UMONS), Belgium	
17	ZARM, Univ. of Bremen, Germany	
18	Photonics Research Centre, Dept of	
	Computer Science and Engineering,	Collaborative research in different areas
	Univ. of Quebec in Outaouais, Canada.	
19	KEK, Japan	
20	SLAC, USA	
21	Fermi Lab, USA	
22	Chungnam National Univ., SouthKorea	
23	Pusan National Univ., South Korea	
24	Laboratory Hubert Curien, University	
	Jean-Monnet, France	
25	Institute for Materials Science and Max	Nanotechnology
	Bergmann Center of Biomaterials,	

	Dresden University of Technology, Germany	
26	UC Riverside, USA	Higher dimension operators with optimal observables to trace them in future colliders
27	Saclay, Paris, France	Supersymmetry breaking
28	Zewail city for Science and	Dark matter
	Technology, Cairo, Egypt	
29	University of Delaware, USA.	Inflationary aspects of particle physics
30	College of Optics and Photonics	Nonlinear Optics
	(CREOL), Univ. of Central Florida,USA	
31	Delaware State University, Dept of	Solitons
	Mathematical Sciences, USA	