



# UKIERI PARTNERSHIPS

2006-2018

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## About UKIERI

UK-India Education and Research Initiative (UKIERI) was started in April 2006 with the aim of enhancing skills and educational links between India and the UK. Since then, the programme has established partnerships on leadership development, joint research and innovation and skills development. Over 1,000 UK and Indian institutions have benefited from the programme. 25,000 exchanges of UK and India academicians, researchers, staff and students have also been supported.

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# UKIERI Partnerships

Phase 1  
2006–2011



## ACRONYMS AND ABBREVIATIONS

SCP	School Cluster Partnerships
CPD	Collaborative Program Delivery Skills Partnerships
PTS	Professional and Technical Skills Partnerships

### School Cluster Partnerships 2006-07

S. No.	Name of Indian School	Name of UK School
1	Modern School, Barakhamba	Ash field
	Delhi Public School, R.K. Puram	Judgemeadow Community College
	Sanskriti School	Linden Primary School
	Amity International School, Saket	King Edward VII School
	Sardar Patel Vidyalaya	
	Springdales School, Pusa Road	
2	Laxman Public School	Brentry Primary School
	Blue Bells School	Little Mead Primary School
	St. Paul's School	Blaise Primary School & Nursery
	Sadhu Vaswani International School for Girls	Henbury Court Primary School
	Summer Fields School	
	Uttam School for Girls	
3	Innisfree House School	South Hunsley School
	Coorg Public School	Brough Primary School
	Deccan International School	St. Anne's Special School
	Sri Kumaran Public School	Woldgate College
	Shishu Griha English School	
	Carmel High School	
4	Sakhawat Memorial Govt. Girls High School	Cansons High School
	Gokhale Memorial Girls' School	Glebe First and Middle School
	Ballygunge Govt. High School	Alyward First & Middle School
	Hare School	St. Bernadette's RC Primary School
	Ramakrishna Mission Vidyalaya	Little Stanmore First & Middle School
	Multipurpose Govt. Girls' School, Alipore	Stag Lane First School
	Lake Town Govt. Sponsored Girls High School	Stag Lane Middle School
	Apeejay School, Noida	Woodlands First & Middle School
5	Apeejay School, Sheikh Sarai	Altrincham Grammar School for Boys
	Apeejay School, Jalandhar	Stamford Park Junior School
	Apeejay School, Nerul	Broomwood Primary School
	Apeejay School, Pitampura	Bowdon Church of England Primary School
	Apeejay School, Charkhi Dadri	Ysgol Gymraeg Lon Las
6	J.N.V, Chandigarh	Hafod Primary School
	J.N.V, Srinagar	Penllergaer Primary School
	J.N.V, Fatehpur Rajputan, Patiala	Pentre Hafod School
	J.N.V, Solan	
	J.N.V, Kathua	
	J.N.V, Kangra	

7	J.N.V, Mungeshpur	Queensbridge School of Visual & Performing Arts
	J.N.V, Paota, Jaipur	Kings Health Primary School
	J.N.V, Rajsamand	Moor Green Primary School
	J.N.V, Atru Rajasthan	Park Hill Primary School
	J.N.V, Deorala, Bhiwani	
	J.N.V, Panchpadra Nagar, Barmer	
8	J.N.V, Sambalpur	Alwoodley Primary School
	J.N.V, Phulbani	Woodlesford Primary School
	J.N.V, Durg	Moortown Primary School
	J.N.V, Ashoknagar	Oulton Primary School
	J.N.V, Bohani, Narsinghpur	
	J.N.V, Jabalpur	
9	J.N.V, Jaintia Hills	Halifax High at Wellesley Park
	J.N.V, Mahadevpur	Mount Pellon
	J.N.V, West Imphal	St. Augustine's Church of England School
	J.N.V, Golaghat	Savile Park Junior School
	J.N.V, Sorbhog	Parkinson Lane Community School
	J.N.V, Sonitpur	Beech Hill J&I School
		Warley Road School
10	J.N.V, Rudrapur	Kingston Bucil
	J.N.V, Rohilla	Buckingham Community Middle School
	J.N.V, Sujampur, Aligarh	St. Nicholas and St. Mary First & Middle School
	J.N.V, Peepiganj, Gorakhpur	St. Peters RC Shoreham
	J.N.V, Bansujakhdhar, Rudraprayag	
	J.N.V, Agsauli, Hathras	
11	Guru Harkrishan Public School	Penrice Community College
	M.L.R.T Gala Pioneer English School	Torpoint Community College
	Children's Academy	St. Levan Primary
	A.W. Sindhu Vidya Bhavan	Upton Cross Primary
	DAV School	
	Dr. Shamarao Kalmadi High School	

## Research Partnerships 2006-07

S. No.	Project Title	Project Area	UK Institute	Indian Institution
1	Science of Regional Climate Change, Variability and Impacts	Science and Technology	University of Reading	Indian Institute for Tropical Meteorology, Delhi
2	Mathematical and Experimental Modelling of The Animal Stress-Response Network	Science and Technology	University of Nottingham	Industrial Toxicology Research Centre, Lucknow
3	Was the first, out of Africa settlement of Homo Sapiens in India	Science and Technology	University of Cambridge	Centre for Cellular and Molecular Biology, Hyderabad
4	Research and development on Application specific photonic crystal fiber	Science and Technology	City University	Indian Institute of Technology Delhi
5	Towards Reliable Smart Adaptable Air-Vehicles	Science and Technology	University of Leicester	Indian Institute of Science, Bangalore
6	Combinatorial Materials Science Applied to the Development of High Temperature Shape Memory Alloys	Science and Technology	Imperial College London	Indian Institute of Science, Bangalore
7	Environmentally -focusses low cost nanostructured devices	Science and Technology	University of Southampton	Indian Institute of Technology, Delhi
8	Mobile Communications to Improve Monitoring of Heart Disease and Diabetes	Science and Technology	Loughborough University	Indian Institute of Technology Delhi
9	Knowledge acquisition for textual case-based reasoning	Humanities	The Robert Gordon university	Indian Institute of Technology Chennai
10	Ecology and mechanics of acoustic communication in tree crickets	Science and Technology	University of Bristol	Indian Institute of Science, Bangalore
11	G2P4Health: Developing a Human Genotype-To-Phenotype (Gene-Disease) Database that will Facilitate Biomedical Research and Clinical Medicine Worldwide	Science and Technology	University of Leicester	Institute of Genomics and Integrative Biology (IGIB), New Delhi
12	Biomedical Solutions for India and UK: Discovering Next Generation Anti-infectives	Science and Technology	Kings College London	Indian Institute of Chemical Technology, Hyderabad
13	From the Collapse of Harappan urbanism to the rise the great Early Historic cities: investigating the cultural and geographical transformation of northwest India between 2000 and 300 BC	Humanities	University of Cambridge	Banaras Hindu University, Varanasi
14	Study of Road Traffic Crashes and Injuries in India and UK	Science and Technology	University of Birmingham	Indian Institute of Technology Delhi
15	Neutrino and the fundamental laws of nature	Science and Technology	University of Durham	Harish Chandra Institute, Jhansi
16	Study of source feature for speech synthesis and speaker recognition	Science and Technology	University of Edinburgh	Indian Institute of Technology, Guwahati
17	Multitrophic interactions in the rhizosphere and the management of nematode pests and diseases	Science and Technology	Rothamsted Research	Dean and Joint Director, Indian Agricultural Research Institute, Delhi

18	Development of Methodology for Biological Assessment of Ballast Water Management Systems	Science and Technology	Newcastle University	National Institute of Oceanography, Goa
19	Micromechanical amplifiers for inertial sensors and signal processors	Science and Technology	University of Cambridge	Indian Institute of Science, Bangalore
20	Risk and Regulation: Science and Technology in a Globalised Economy	Humanities	University of Sussex	Indian Institute of Management Bangalore
21	Integrated Smart Antennas for Next Generation MillimetreWave Wireless Communications	Science and Technology	University of Surrey	Cochin University of Science and Technology, Cochin
22	UK-India Network for II-VI Sensor Technology	Science and Technology	University of Surrey	Jadavpur University, Kolkata
23	Magnetic nanoparticles for applications in biomedicine and spintronics	Science and Technology	University of Liverpool	National Chemical laboratory, Pune
24	Nanostructuring of nanofluidic/ microfluid devices for enhanced blood filtering and detection of blood analytes associated with biosensors	Science and Technology	University of Ulster	Indian Institute of Technology, Bombay
25	Cardiovascular Disease; its prevention and origins	Science and Technology	Imperial College London	All India Institute of Medical Sciences, Delhi
26	Democracy and Children's rights in India and the UK: Law, Institutions, and Outcomes	Humanities	University of Essex	Centre for the Study of Developing Societies, New Delhi
27	Towards fluctuation-based quantum information processing with semiconductor nanostructures	Science and Technology	University of Cambridge	Indian Institute of Science, Bangalore
28	Impact of Climate change on the Water Cycle and ecosystem functioning at the river basin scale	Science and Technology	University of Liverpool	Indian Institute of Technology Delhi
29	Development of courses	Humanities	Open University	Campus of Open University, Delhi
30	Interface Science and Engineering	Science and Technology	University of Durham	Indian Institute of Science, Bangalore
31	The Role of Technology in the prevention of Type 2 Diabetes	Science and Technology	Imperial College London	Diabetes Research Centre, Chennai

### School Cluster Partnerships 2007-08

S. No	Name of India School	Name of UK School
1	Rushey Mead School	Jawahar Navodaya Vidyalaya, Shimoga
	Rushey Mead Primary School	JNV, Trivandrum
	Old Dalby CE Primary School	Jawahar Navodaya Vidyalaya, Kasargod
	John Ferneley High School	Jawahar Navodaya Vidyalaya, Karnataka
		Jawahar Navodaya Vidyalaya, Hyderabad
		Jawahar Navodaya Vidyalaya, Andaman
2	Fortismere School	The Indian School
	Chestnuts Primary School	The Banyan Tree School
	St. Aidan's VC CE Primary School	Gyan Bharti School
	Earlsmead Primary School	Modern School
		Jaspal Kaur Public School
		St. Thomas Girls Senior Secondary School
3	Laneshaw Bridge Primary School	St. Mary's School, Safdarjung Enclave
	Springfield Community Primary School	Fr. Agnel School
	Sacred Heart RC Primary	Delhi Police Public School
	Trawden Forest Community Primary School	Tagore International School, Vasant Vihar
		Tagore International School, East of Kailash
		St. Mary's School, Dwarka
4	Silverhill School	Atomic Energy Central School - 1
	Sunnyhill Infants School	Atomic Energy Central School - 2
	Bakewell Methodist Junior School	Atomic Energy Central School - 3
	Derwent Community Primary School	Atomic Energy Central School - 4
		Atomic Energy Central School - 5
		Atomic Energy Central School - 6
5	Perry Court Junior School	Jamshedpur Public School
	Air Balloon Infants School	Baug-E-Jamsheed School
	Parson Street Primary School	J.H.Tarapore School
	Waycroft Primary School	Tarapore School, Agrico
		D.B.M.S Kadma High School
		Kasidih High School - Unit Scholar's Academy
6	Roxeth Manor Middle School	K R Mangalam World School
	Roxeth Manor First School	Bloom Public School
	Rooks Heath College	Indraprastha International School
	Roxbourne Middle School	K R Mangalam World School, Vikas puri
		The Shri Ram School
		Savior Convent Sr. Sec. School



7	St Patrick's RC Primary School	Vidyashilp Academy
	Shotley Bridge Infant School	Sudarshan Vidya Mandir ICSE Academy
	Ebchester CE Primary	Mallya Aditi International School
	Moorside Community Technology College	Srivani Public School
		Vidya Niketan
		RV Public School
8	Pendeford Business and Enterprise College	M G N Public School, Jalandhar
	Highfields Science Specialist School	Cambridge International School for Girls
	Moseley Park Technology College	Vivek High School
	Wolverhampton Girls High School	St. Kabir School
	The Roseland Community School	Police DAV Public School
	Tregony County Primary School	M G N Public School, Kapurthala
	Gorran County Primary School	
	Gerrans County Primary School	
9	Braunton School and Community College	Jawahar Navodaya Vidyalaya, Tenughat, Bokaro
	Bideford College	JNV, Garhbanaili, Purnea
	The Park Community School	Jawahar Navodaya Vidyalaya, Pacharhi, Darbhanga
	Pilton Community College	Jawahar Navodaa Vidyalaya, Mesra, Ranchi
	West Buckland School	Jawahar Navodaya Vidyalaya, Lohardaga
		Jawahar Navodaya Vidyalaya, West Champran
10	Sunbury Manor School	Kendriya Vidyalaya (Malleswaram)
	Hinchley Wood School	Kendriya Vidyalaya (CRPF)
	Heathside School	Kendriya Vidyalaya (MEG & Centre)
	Kingston Grammar School	Kendriya Vidyalaya (ASC Centre)
		Kendriya Vidyalaya (Jalahalli -2)
		Kendriya Vidyalaya (Rail Wheel Factory)
11	St. John Fisher Catholic High School	Bal Bharati Public School, Pitam Pura
	CEDARS Pupil Referral Unit	Bal Bharati Public School, GRHM
	St. Joseph's Preparatory School	Bal Bharati Public School, Rohini
	Newcastle Community High School	Bal Bharati Public School, Ghaziabad
		Bal Bharati Public School, Dwarka
		Bal Bharati Public School, Noida
12	Dartmouth High School	Delhi Public School, Noida
	Stuart Bathurst Catholic High School and Performing Arts College	Delhi Public School, NTPC
	Wood Green High School of Sport, Maths and Computing	Delhi Public School, Greater Noida
	Tividale Community Arts College	Delhi Public School, Gurgaon
		Delhi Public School, Indira Puram
		Delhi Public School, Sushant Lok

13	Durham Johnston Comprehensive School	Atomic Energy Central School, Manuguru
	Neville's Cross Primary	Atomic Energy Central School - 1, Jaduguda
	St. Margaret's CE Primary School	Atomic Energy Central School - 1, Hyderabad
	Bowburn Junior School	Atomic Energy Central School - 2, Hyderabad
		Atomic Energy Central School - 1, Narwapahar
		Atomic Energy Central School - 2, Jaduguda

## Research Partnerships 2007-08

S. No.	Project Title	Project Area	UK Institute	Indian Institution
1	Tunable and Hierarchical Self-organized meso-structuring using Electric Fields	Science and Technology	Cambridge University	Indian Institute of Technology Kanpur
2	River dynamics and hazard assessment in the Himalayan foreland	Science and Technology	Durham University	Indian Institute of Technology Kanpur
3	PRAMA: Probabilistic Risk Assessment Modelling to inform groundwater Arsenic mitigation	Science and Technology	University of Manchester	Indian Institute of Chemical Biology, Kolkata
4	Zinc oxide nanowires and nanostructured films for novel device applications	Science and Technology	University of Cambridge	Indian Institute of Technology Delhi
5	Bioinformatics Approaches to Study Protein Assemblies and Networks.	Science and Technology	University of Manchester	Indian Institute of Science, Bangalore
6	A Biologically Inspired Approach to Distributed Sensor Signal Processing	Science and Technology	University of Edinburgh	National Institute of Technology, Rourkela
7	Red mud catalyst for hydrocarbon cracking and carbon adsorbent production	Science and Technology	Glasgow University	The Energy and Resource Institute, Delhi
8	Spin-wave and domain wall dynamics in vertical magnetic nanowires	Science and Technology	Exeter University	Indian Institute of Technology Delhi
9	Ultrashort Pulse Laser Waveguide Inscription in Glasses for Integrated Optics	Science and Technology	Heriot Watt University	Indian Institute of Science, Bangalore
10	Transceiver Chip for the Next Generation of Networks in Telecommunications	Science and Technology	University of Manchester	Indian Institute of Technology Kanpur
11	Sustainable high performance concrete infrastructure	Science and Technology	Dundee University	Birla Institute of Technology and Science, Pilani
12	Biliary Duct Stem Cells for Cell Replacement Therapy in Diabetes	Science and Technology	University of Bath	National Centre for Cell Science (NCCS), Pune
13	Ligated Nanoparticle Catalysis: New Approaches to Fine Chemical Synthesis	Science and Technology	University of Nottingham	Indian association for the Cultivation of Science, Kolkata
14	Understanding high activity enzyme preparations for organic media	Science and Technology	University of Strathclyde	Indian Institute of Technology, Delhi
15	Quantum logic with semiconductor quantum dots	Science and Technology	University of Sheffield	Tata Institute of Fundamental Research, Mumbai
16	Preclinical Analysis and Development of Improved Acetabular Prostheses	Science and Technology	Southampton University	Indian Institute of Technology Kharagpur

17	Development of thin film varistors for low voltage applications	Science and Technology	University of Cambridge	Indian Institute of Technology Roorkee
18	NanoBALLS: Dynamical interaction of nanoparticles	Science and Technology	University of Sheffield	Indian Institute of Science Bangalore
19	Low Cost Ventricular Assist Device (LVAD)	Science and Technology	Aston University	Wanless Hospital, Miraj Medical Centre, Miraj
20	Interdisciplinary Oxford-India Research Network in Theoretical Physics	Science and Technology	Oxford University	Tata Institute of Fundamental Research, Mumbai
21	Fire resistance and repair of earthquake damaged structures	Science and Technology	University of Edinburgh	Indian Institute of Technology Roorkee
22	Microbes involved in methane assimilation in meteor impact Crater Lake	Science and Technology	University of Warwick	National Centre for Cell Science, Pune
23	Gene expression and chromatin organisation during stem cell cardiovascular differentiation	Science and Technology	University of Sheffield	National Centre for Biological Sciences, Bangalore
24	Linking biodiversity to ecosystem services in a global biodiversity hotspot	Science and Technology	Earth and Biosphere Institute	National Conservation Foundation, Mysore
25	Cellular fate of novel nanomaterials for therapeutics and consumer products	Science and Technology	University of Bradford	Industrial Toxicology Research Centre, Lucknow
26	Innovations in Intelligent Assistive Robotics	Science and Technology	University of Ulster	Indian Institute of Technology Kanpur
27	Distance education for sign language users	Science and Technology	University of Central Lancashire	Indira Gandhi National Open University
28	Fabrication and scanning tunnelling microscopy characterisation of ZnO-based optoelectronic devices	Science and Technology	Queen's University of Belfast	Indian Institute of Science, Bangalore
29	Development of Nanocomposites from Ethylene Vinyl Acetate, Chitin and Fibres	Science and Technology	University of Leeds	Calicut National Institute of Technology, Kozhikode
30	Indo-UK Virtual Graduate Research School in Next Generation Networks	Science and Technology	University of Ulster	Indian Institute of Technology Madras
31	Direct Production of Biodiesel from Non-edible Oilseeds by Reactive Extraction	Science and Technology	Newcastle University	Indian Institute of Petroleum, Dehradun
32	Large Scale Image and Video Retrieval	Science and Technology	Oxford University	International Institute of Information Technology
33	High-Energy Astrophysics with ASTROSAT: Understanding the Variable X-ray Universe.	Science and Technology	University of Leicester	Tata Institute of Fundamental Research (TIFR), Mumbai

34	Widening Participation: Diversity, isolation or integration in Higher Education?	Science and Technology	University of Hertfordshire	TATA Institute of Social Science (TISS), Mumbai
35	Application Specific Thermal NDE	Science and Technology	University of Bath	Indian Institute of Technology, Delhi
36	Quantum Probability, Noncommutative Geometry and Quantum Information	Science and Technology	University of Lancaster	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
37	Sensitized nanoparticles as new hybrid photo-driven devices	Science and Technology	University of Sheffield	Central Salt and Marine Chemicals Research Institute., New Delhi

### School Cluster Partnerships 2008-09

S. No.	Name of India School	Name of UK School
1	Vidya Devi Jindal School	Lancaster Girls Grammar School
	Apollo International School	Arkholme CE Primary School
	Springdales School, Dhaula Kuan	Dally Road County Primary School
	The Punjab Public School	Central Lancaster High School
	Mount Carmel School, Chandigarh	
	Salwan Public School	
2	Central School For Tibetans Mussoorie	Tolworth Junior School
	Central Schools for Tibetans Shimla	Tolworth Infant School
	Central School For Tibetans Dalhausie	Fern Hill Primary School
	Central School for Tibetans Herbertpur	
	Central School For Tibetans Darjeeling	
	Central School for Tibetans Dholanji	
3	Yadavindra Public School, Patiala	St. Thomas More Catholic School
	The British Co-Ed School	Northumberland Park Community School
	St Stephen's School, Chandigarh	Park View Academy
	Pine Grove School, Shimla	Haringey Sixth Form Centre
	Shimla Public School	Highgate Wood School
	Yadavindra Public School, Mohali	
4	Venkateshwar International School	Ysgol Cymwyd Sant
	Mount Carmel School, Dwarka	Ysgol Gyfun Bro Morgannwg
	Shri Venkateshwar International School	Gynradd Gymraeg Bronliwyn
	Mount Carmel, Anand Niketan	Gynradd Gymraeg Cymnedd
	VIS Kids	
	Venkateshwar Global School	
5	Kasturba Gandhi Sarvodaya Bal Vidyalaya, Chirag Enclave	Moredon Primary & Nursery School
	Veer Sarvarkar Govt Sarvodaya Kanya Vidyalaya, Kalkaji	Rodbournne Cheney Primary
	Sister Nivedita Sarvodaya Kanya Vidyalaya, Defence Colony	Nythe Primary School
	Rajkiya Pratibha Vikas Vidyalaya, Lajpat Nagar	Lainesmead Primary School
	Ishani Sarvodaya Kanya Vidyalaya, Saket	
	Rajkiya Pratibha Vikas Vidyalaya, Lodhi Road	

6	Rajkiya Pratibha Vikas Vidyalaya, Surajmal Vihar	Raynham Primary School
	Rajkiya Sarvodaya Bal Vidyalaya, Kalyanvas	Galliard Primary School
	Rajkiya Sarvodaya Kanya Vidyalaya, East Vinod Nagar	George Spicer Primary School
	Rajkiya Pratibha Vikas Vidyalaya, Gandhi Nagar	St.Joseph's Primary School
	Govt Boys Senior Secondary School, Chander Nagar	Bush Hill Park Primary School
	Rajkiya Sarvodaya Bal Vidyalaya, West Vinod Nagar	
7	Govt. Co-ed Senior Sec School, Bindarpur Extn	Weobley Primary School
	Govt. Sarvodaya Kanya Vidyalaya, Mundka	Mordiford Church of England Primary School
	Govt. Sarvodaya Kanya Vidyalaya, Nagloi	Little Dewchurch Church of England Primary School
	Rajkiya Pratibha Vikas Vidyalaya, Paschim Vihar	Burghill Community Primary School
	Govt. Girls Senior Sec School, Uttam Nagar	St. Francis Xavier Roman Catholic Primary School
	Govt. Co-ed Senior Sec School, Paschim Vihar	Ashfield Park Primary School
8	Rajkiya Pratibha Vikas Vidyalaya, Rohini	Oasis Academy Media city
	Sarvodaya.Kanya Vidyalaya, Mangolpuri	Poynton High School
	Sarvodaya Kanya Vidyalaya, Prashant Vihar	Manchester Grammar School
	Sarvodaya Kanya Vidyalaya, Rohini Sec 3	Light Oaks Junior School
	Sarvodaya Kanya Vidyalaya, Sultanpuri	
	Govt Sarvodaya Coed School, Rohini Sec 8	
9	Jawahar Navodaya Vidyalaya, Howrah	Upton-by-Chester High School
	Jawahar Navodaya Vidyalaya, Parganas	Mickle Trafford Village School
	Jawahar Navodaya Vidyalaya, Paschim Medinipur	Newton Primary School
	Jawahar Navodaya Vidyalaya, Jalpaiguri	Mill View Primary School
	Jawahar Navodaya Vidyalaya, Purba Medinipur	
	Jawahar Navodaya Vidyalaya, Murshidabad	
10	Hill Top School	Gilwern Primary School
	Motilal Nehru Public School	Maes y Haul Primary School
	D.B.M.S. English School	Malpas Court Primary School
	Gulmohur High School	Ysgol Gynradd Gymraeg Garthowlg
	Kerala Public School, Kadma	
	Kerala Samajam Model School	
11	Namchi Girl's Senior Secondary School	St. Columb Minor School
	Namchi Senior Secondary School	St. Columb Major School
	J M K Memorial School	Trenance Infants School
	Sadam Senior Secondary School	The Bishops CE Primary School
	Singithang Primary School	
	Gumpa Ghurpisey Primary School	

12	Pragjyotish School	Hunwick Primary School
	South Point School	Crook Primary School
	St. Stephen's School	Our Lady St Thomas RCVA Primary
	St. Edmund's School	St Cuthberts RCVA Primary
	Don Bosco School	
	Modern English School	
13	Ryan International School, Mumbai	Chestnut Grove Secondary School
	Ryan International School, Malad	Burntwood Secondary School
	Cambridge School	Graveny School
	St. Lawrence High School	Ernest Bevin Secondary School
	St. Lawrence High School, West Borivali	
	St. Xaviers High School	



## Research Partnerships 2008-09

S. No.	Project Title	Project Area	UK Institute	Indian Institution
1	Sustainable Materials Processing of Strategic Metals	Sustainability, Materials Processing, Bio-technology, Strategic Metals, Pollution Control, Green Technology	University of Cambridge	Indian Institute of Science, Bangalore
2	Tumour suppressing activity of sclerotium rolfsii lectin on colon cancer	Lectin/anticancer agent / drug delivery	University of Liverpool	Karnatak University, Dharwad
3	Personalised mobile authentication to prevent fraud on mobile commerce applications	Mobile authentication, data fraud, electronic crime, cyber laws, single sign on, data security	City University	Indian Institute of Management, Ahmedabad
4	Prospects for Telemedicine and Medical Tourism between India and UK	Telemedicine, Medical Tourism, India, UK	London School of Hygiene and Tropical Medicine	Indian Institute of Management, Bangalore
5	Reinforcement Learning of Visual Routines in Autonomous Systems	Visual routines, Reinforcement learning, Object recognition, Robotics, Decision theoretic planning, Partially observable Markov decision problems	University of Birmingham	Indian Institute of Technology, Madras
6	CityForm-India: achieving sustainable urban development in India's rapidly growing cities	Sustainable development, urban sustainability, urban form	Oxford Brookes University	National Institute of Urban Affairs, Delhi
7	Adaptive Security Network Scheme	Security, Ad hoc networks, Agents, Multi-Agent Systems, Adaptation	Imperial College London	Indian Institute of Science (IISc), Bangalore
8	Genetic basis of ischaemic stroke in an Indian population	Stroke, genetics, cardiovascular, Indian, South Asian	Imperial College London	All India Institute of Medical Sciences (AIIMS), Delhi
9	Impact of demographic and social change on gastroenteric viral infections	Gastroenteritis, norovirus, rotavirus, extended families, immunity	Centre for Infection, Health Protection Agency	Christian Medical College, Vellore
10	Multi-Processor Electronic Design Automation	Electronic Design Automation, Processors	University of Southampton	Malaviya National Institute of Technology, Rajasthan
11	Pioneering Metallurgy: Origins of steel-making in the southern Indian subcontinent	Crucible steel; wootz; field archaeology; archaeometallurgy; analysis; materials science	University of Exeter	National Institute of Advanced Studies, Bangalore
12	Verified Software Initiative: Embedded Systems	Hardware-software co-design, embedded systems, verification	University of York	Indian Institute of Science, Bangalore
13	Structural Health Monitoring and Assessment of Prestressed Concrete Girder Bridges	SHM, Condition Assessment, PSC Girder, Life Extension, Bridges, Field Test	Durham University	Indian Institute of Technology Bombay
14	In vivo autonomic markers in early diagnosis of Parkinson's disease.	Autonomic dysfunction, Parkinson's disease, neuroprotective, dysautonomia.	Imperial College London	Parkinsons and Ageing Research Foundation, Bangalore

15	Communicating Climate Change in India and UK: A Reception Study	Climate Change; media; youth; promotional communication	University of Stirling	Centre for Media Studies, New Delhi
16	Evaluation of Quantitative Dispersion Models for Urban Air Quality Assessment	Air pollution, traffic, Gaussian model, standards, management, local air quality	Newcastle University	Indian Institute of Technology Delhi
17	Development of a recombinant vaccine in transgenic plants for Chikungunya viral infection	Recombinant vaccine, Transgenic plants, Envelope, glycoproteins, Ion exchange chromatography, Immunization	St George's University of London	Bharathiar University, Tamilnadu
18	Transport Phenomena across Biological Cell Membranes within Microfluidic Lab-on-a-Chip Systems	Bioengineering; Biomechanics; Modelling; Bioanalysis; Cells; Biotransport.	University of Southampton	Indian Institute of Technology Kharagpur
19	Contacting 3D electrodeposited nanowires: new opportunities for spintronics technology	Spintronics, nanomagnetism, magnetization processes, electrodeposition, electron beam lithography, MOKE	Durham University	S. N. Bose National Centre for Basic Sciences, Kolkata
20	Optimal Vibration Control of Composite Structures	Active Control, Vibration Damping, Composite Structure, Optimization, Control-Structure Interaction	University of Sheffield	Indian Institute of Technology, Kanpur
21	Biomimetic hydroxyapatite coating on zirconium based biocompatible alloys	Active Control, Vibration Damping, Composite Structure, Optimization, Control-Structure Interaction	University of Cambridge	National Metallurgical Laboratory, Jamshedpur
22	Effect of cation substitution on the structure and biocompatibility of ionomer glasses and glass ceramics	Modelling, bond length, crystal phase, structural species	University of Birmingham	Indian Institute of Technology, Kanpur
23	Clean energy from biomass: catalysing pyrolysed carbon for soil sequestration	Clean energy from biomass: catalysing pyrolysed carbon for soil sequestration	University of Nottingham	National Environmental Engineering Research Institute (NEERI), Hyderabad
24	Glutathione Peroxidase and Peroxynitrite Reductase Mimetics	Biocatalysis, Essays, Mimetics, Synthesis, Pharmaceuticals, Selenoenzymes	Cardiff University	Indian Institute of Science, Bangalore
25	Supermacroporous Cryogels for Cartilage Tissue Engineering	Polymers, Supermacroporous Cryogels, Cartilage Tissue Engineering, Regenerative Medicine, Osteoarthritis	University of Nottingham	Indian Institute of Technology Kanpur
26	Aberration Corrected In-situ Electron Microscopy of Nanomaterial Structures and Transformations	Aberration Corrected, In-situ, Electron Microscopy, Nano, Transformations	York University	Indian Institute of Science, Bangalore
27	Electronic Properties and structures of Quantum Dots and Quantum Wells	Nanocrystals, Quantum Dots, Nanoscience Semiconductor	University of Manchester	Indian Association for the Cultivation of Science, Kolkata
28	Signal Processing and Information Theoretic study of Cognitive Radio Networks	Next generation wireless networks, Cognitive radio, Wireless Internet, MIMO	Queen's University of Belfast	Indian Institute of Technology Delhi
29	Hydrogen generation by electrolyses of water	Water electrolyses, PEM electrolyser, electrocatalysts, hydrogen	University of Newcastle	Indian Institute of Technology Delhi

30	Design and Fabrication of Nanomachined Thermal Sensors using FIB	Nanoheaters, thermal sensors, Focused ion beam	University of Birmingham	S.N.Bose National Centre for Basic Sciences, Kolkata
31	Design and development of nano vanadium phosphate as oxidation catalysts	Nano vanadium phosphate, oxidation, hydrocarbon, pollutants	Cardiff University	Institute of Minerals and Materials Technology, Orissa
32	The Structure of the Vitellogenin receptor from Lepidoptera	LDL receptors, vitellogenin(Vg), vitellogenin receptors(VgR), crystallization, protein structure	University of Edinburgh	Bharathidasan University, Tiruchirapalli
33	Study of nano-materials for their use in engine oil formulations for better fuel efficiency.	Nano-materials, Antiwear, Antifriction, Engine performance	University of Huddersfield	Indian Institute of Petroleum, Dehradun
34	Use of Biofuels for the Development of Low Carbon Emission Engines: Application of Laser Diagnostics and CFD simulations	Biofuels, Low Carbon Emission, Diesel Engines, Laser Diagnostics, Computational Fluid Dynamics	Brunel University	Indian Institute of Science, Bangalore
35	Development of a solar concentrator for solar-water desalination	Solar concentrator, water desalination, energy efficiency	Heriot Watt University	Indian Institute of Technology, Madras

## Professional and Technical Skills Partnerships

### 2006-07

S. No.	UK Institute	Indian Institution
1	City College Norwich	Indian Institute of Foreign Trade
2	Ravensbourne College of Design and Communication	Pearl Academy of Fashion
3	Blackburn College	South Delhi Polytechnic for Women

### 2007-08

S.No.	UK Institute	Indian Institution
1	Adam Smith College	Pearl Academy of Fashion
2	Parklane College, London	National Insurance Academy, Pune
3	Bradford College	Whistling Woods International

### 2008-09

S.No.	UK Institute	Indian Institution
1	Learning and Skills Network (LSN)	Career Launcher India Limited
2	Dundee College	South Delhi Polytechnic for Women
3	Dundee College	Dayananda Sagar Institutions
4	Bradford College	International Institute of Fashion Technology [IIFT]
5	Edinburgh's Telford College	Campus of Open Learning
6	London College of Fashion	Pearl Academy of Fashion
7	Walsall College	The Northern Institute of Fashion Technology

## Collaborative Program Delivery Skills Partnerships

### 2006-07

S. No.	UK Institute	Indian Institution
1	Coventry University	M S Ramaiah School of Advanced Studies
2	Oxford Brookes University	Institute for International Managemet and Technology
3	University of Central Lancashire	The Dr. D Y Patil Institute for Biotechnology and Bioinformatics
4	University of Leeds	National Institute of Fashion Technology
5	Cranfield University	Institute of Clinical Research
6	The University of Manchester	TERI School of Advanced Studies

### 2007-08

S. No.	UK Institute	Indian Institution
1	University College London	ASRAM Medical School
2	Roehampton University London	Amar Jyoti Rehabilitation and Research Centre
3	Coventry University	M.S. Ramaiah Institute of Health Science
4	Roehampton University London	The M.S. University of Baroda
5	Southampton Business School, Southampton Solent University	Mudra Institute of Communications
6	Sheffield Hallam University	IILM Institute for Higher Education
7	University of Greenwich	ITM Universe, Managed by Samata Lok Sansthan
8	University of Greenwich	ITM Universe
9	University of Westminster	University of Mumbai
10	Coventry University	Society for Computer Technology and Research - School of Technology and Management
11	University of Teesside	St. Xavier's College
12	The Open University	TERI University
13	Brunel University	Jadavpur University

2008-09		
S. No.	UK Institute	Indian Institution
1	Anglia Ruskin University	NSHM College of Management & Technology
2	University of Greenwich	Apeejay Institute of Technology
3	University of Greenwich	Malaviya National Institute of Technology
4	University of Northampton	University of Madras
5	Staffordshire University	Madras University
6	University of Bath	St. Xavier's College
7	Staffordshire University	ITM Universe, Gwalior
8	University for Creative Arts	National Institute of Design

# UKIERI

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