



# **Overview of EU and Member States Research and Innovation Cooperation with India**



**Compilation by the Delegation of the European Union to India**

**11 July 2012**

## TABLE OF CONTENTS

<b>About this Overview</b>	<b>3</b>
<b>Member States<sup>1</sup> of the EU</b>	
<b>Austria</b>	<b>4</b>
<b>Belgium</b>	<b>7</b>
<b>Czech Republic</b>	<b>14</b>
<b>Denmark</b>	<b>16</b>
<b>Estonia</b>	<b>17</b>
<b>Finland</b>	<b>21</b>
<b>France</b>	<b>24</b>
<b>Germany</b>	<b>31</b>
<b>Greece</b>	<b>35</b>
<b>Hungary</b>	<b>38</b>
<b>Ireland</b>	<b>40</b>
<b>Italy</b>	<b>42</b>
<b>Lithuania</b>	<b>47</b>
<b>Poland</b>	<b>50</b>
<b>Portugal</b>	<b>53</b>
<b>Romania</b>	<b>55</b>
<b>Slovakia</b>	<b>57</b>
<b>Slovenia</b>	<b>58</b>
<b>Spain</b>	<b>61</b>
<b>Sweden</b>	<b>72</b>
<b>The Netherlands</b>	<b>77</b>
<b>United Kingdom</b>	<b>80</b>
<b>European Union</b>	<b>95</b>
<b>Norway</b> (associated country to the EU 7 <sup>th</sup> Research FP)	<b>99</b>
Websites of the European Union Member State Embassies in India	<b>103</b>

---

<sup>1</sup> No contribution received from Bulgaria, Cyprus, Latvia, Luxembourg and Malta yet.

## ABOUT THIS OVERVIEW

This overview of EU and its Member States research and innovation cooperation with India is intended to introduce the main aspects of these cooperation, enabling readers to scan the range of schemes and quickly be able to grasp the key essentials of each cooperation. It is not intended to give exhaustive information on each of them.

Using this booklet, we aim to provide comprehensive information on the following cooperation elements:

- *Cooperation framework*: including e.g. bilateral agreements, areas / thematic priorities for cooperation
- *Priorities*: e.g. national strategy to S&T with India
- *Joint research institutes/laboratories*: number and a list of most prominent research fields?
- *Innovation-related activities*: bilateral innovation dialogue or exchange mechanisms, specific programmes and joint funding, priority areas
- *Student & researcher mobility schemes*: list of existing programs
- *Main initiatives and programmes*: mechanisms for cooperation activities e.g. joint calls, programme-level cooperation
- *Trilateral or multilateral initiatives*: Is this approach used - scope for further development

The information contained in the booklet should be of interest to those in universities, companies, research institutions and national agencies responsible for international relations or careers.

The overview is complementary to the more specific *Compendium of European Mobility Schemes for Students and Researchers India ↔ Europe* prepared in June 2011 that includes the Member States and EU mobility schemes. This compendium (available on the web site of the EU Delegation to India) provides information of interest to (i) researchers and students wishing to travel to India from Europe, and (ii) researchers and students wishing to return to or visit Europe from India.

The information presented in this overview has been gathered together by the Science & Technology Counsellors of the Embassies of the EU Members states in India and the Delegation of the European Union to India, as well as the Members of SFIC, the Strategic Forum for International S&T cooperation. This overview will be updated periodically.

---

Dr. Philippe de Taxis du Poët  
Minister Counsellor - Head of Science & Technology  
Delegation of the European Union to India  
65, Golf Links, New Delhi, 110 003 India  
Delegation-India-ST@eeas.europa.eu  
<http://eeas.europa.eu/delegations/india/>

## AUSTRIA



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>Scientific-Technological Agreement on government level, signed 10/2007  Partners: Austrian Federal Ministry of Science and Research (BMWf) and Indian Department of Science and Technology (DST).  The agreement covers all areas of research except humanities.  The Steering Committee meets appr. every 18 months.  2<sup>nd</sup> call for proposals under the Agreement to be launched end of May 2012.</p> <p>Institutional agreement between the Austrian Science Fund (FWF) and the DST, signed 10/2011; 1<sup>st</sup> call for proposals planned to be published in autumn 2012 (all topics except of Social Sciences and Humanities).</p> <p>Participation of the Austrian Science Fund (FWF) in the current call for proposals in the framework of "New Indigo" (topic: "Biotechnology applied to human health").</p> <p>Memorandum of Understanding concerning the technology-specific cooperation in the field of railways, signed 10/2011.  Partners: Austrian Federal Ministry for Transport, Innovation and Technology and Indian Ministry of Railways.  The agreement covers technology-specific cooperation in the field of railways.  Annual meeting of a Joint Working Group (the first meeting was held in April 2012).</p> <p>Memorandum of Understanding concerning the technology-specific cooperation in the health sector, signed 02/2005.  Partners: Austrian Federal Ministry of Economy, Family and Youth and Indian Ministry of Health and Family Welfare.  The agreement covers technology-specific cooperation in the health sector.</p>
<p><b>Priorities</b></p>	<p>no</p>

<b>Joint research institutes / laboratories</b>	no
<b>Innovation-related activities</b>	no
<b>Student &amp; researcher mobility schemes</b>	<p>Comprehensive database of all available scholarships, grants, fellowships, awards for which Indian students and researchers in all fields are eligible, but also Austrian students and researchers wishing to work with Indian institutions (administration by the Austrian exchange Service, OeAD): <a href="http://www.grants.at">www.grants.at</a></p> <p>Lise Meitner Program for non-Austrian scientists finances Research at an Austrian university or research institution (Funded by the Austrian Science Fund): <a href="http://www.fwf.ac.at/en/projects/meitner.html">http://www.fwf.ac.at/en/projects/meitner.html</a></p> <p>IST PhD Programme: The Institute of Science and Technology Austria offers scholarships for pursuit of PhD studies <a href="http://www.ist.ac.at/graduate-school/applications/">http://www.ist.ac.at/graduate-school/applications/</a></p> <p>The Vienna Bio Center International offers opportunities to pursue a PhD programme in molecular life sciences: <a href="http://www.vbcphdprogramme.at/">http://www.vbcphdprogramme.at/</a></p> <p>The IMP Fellowship programme gives ambitious young scientists with little or no previous postdoctoral experience the opportunity to conduct innovative and original research in a world-class scientific environment: <a href="http://www.imp.ac.at/postdocs/imp-fellowships/">http://www.imp.ac.at/postdocs/imp-fellowships/</a></p> <p>The Max F. Perutz Laboratories are inviting applications from talented students all over the world for their graduate program: <a href="http://www.projects.mfpl.ac.at/mfpl-phd-selection/">http://www.projects.mfpl.ac.at/mfpl-phd-selection/</a></p> <p>Konrad Lorenz Institute Fellowships: The Konrad Lorenz Institute (KLI) supports theoretical research in the fields of evolutionary developmental biology and evolutionary cognitive science: <a href="http://www.kli.ac.at/fellowships.html">http://www.kli.ac.at/fellowships.html</a></p>

<b>Main initiatives and programmes</b>	<p>Regular joint calls under the Scientific-Technological Agreement (bi-annually), workshops</p> <p>Regular joint calls under the agreement between the Austrian Science Fund (FWF) and the DST (annually)</p>
<b>Trilateral or multilateral initiatives</b>	none
<b>Further information</b>	<p>An analytical Indian-Austrian study on scientific co-publications was done in 2011/12; further information may be obtained via the Center for Social Innovation (ZSI, <a href="http://www.zsi.at">www.zsi.at</a>)</p>

# BELGIUM



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p><b>1. <u>Legal framework</u></b></p> <p>There has been a remarkable increase in interest for bilateral S&amp;T cooperation with India, not only as a result of the economic performances of India in general and the accompanying interest for India as a new global player, but also as a result of the booming industry-to-industry cooperation one could observe in these areas between Belgium and India over the past few years.</p> <p>During the visit of the then Belgian Prime Minister, HE Mr. Guy Verhofstadt, to India (2-7 November 2006), a broad bilateral Framework Agreement on S&amp;T Cooperation was signed. The Indian and Belgian Prime Ministers noted with satisfaction the intensive industry-to industry cooperation in high-tech sectors such as micro-electronics, aeronautics and civil space and agreed to promote more research and development as well as other high-tech ties on a bilateral basis.</p> <p>The <b>S&amp;T Framework Agreement</b> was signed by the Indian Minister for Science and Technology, HE Dr. Kapil Sibal, and the Belgian Deputy Prime Minister and then Minister of Finance, HE Mr. Didier Reynders. It paved the way for more specific (sectoral) agreements or MoUs, which could be concluded both at the federal level (civil space, nuclear research) or at the regional level (all other fields, such as biotech, nanotechnology, etcetera).</p> <p>Following the framework agreement, a <b>Joint Commission on S&amp;T</b> was held in April 2011 between the Belgian Federal Science Policy Office (Belspo) and the Department Science &amp; Technology (DST)</p> <p>In order to promote investments in research and development in Belgium, the federal government introduced <b><u>special tax incentives</u></b> for research and development, paving the way for economic growth and promotion of R&amp;D in both the public and private sector. Indeed, the Belgian government is convinced that the public and private sector need to complement each other and, hence, considers it important to think in terms of continuity and synergy in research in (public sector) universities and (private sector) companies.</p>
---	--

## **2. General programmes - WalloniaTech**

**Awex'** Wallonia Tech programme has been set up to create high-profit sustainable global companies from pioneering start-ups, using Wallonia as a hub for their international expansion in Europe. The goal of this innovative programme is to identify the brightest entrepreneurial talent in India and connect these entrepreneurs with investors and strategic partners in Belgium and Europe in order to turn their innovations into a global success.

AWEX is presently preparing the second edition of the "WalloniaTech India" programme".

To identify these technology champions of tomorrow, Awex has lined up 4 strategic partners, spread across India : [the Foundation for Innovation and Technology Transfer \(FITT\)](#) at IIT Delhi, [New Ventures India](#) at Hyderabad and [The Science & Technology Park](#), University of Pune, and [ISBA](#), the Indian STEPs and Business Incubators' Association. The role of the partners consists of indentifying and recommending AWEX the most innovative companies with groundbreaking technologies and global market potential among their communities. The primary selection criteria of the selected companies are: uniqueness of technology, its market viability and its global market potential. This programme targets innovators who have already started generating revenues and who are already backed by VC's.

For the first edition of the programme in 2011, a group of 7 such innovative Indian companies with groundbreaking technologies were identified and invited to participate, free of charge, in a special programme in Wallonia. The selected companies were active in the following sectors: aquaculture equipment, medical devices, renewable energy from wind, solar and biomass, temperature regulating apparel, waste and water disposal technology and software applications. The program took place from the 28th of August to the 2nd of September 2011. It consisted of an entrepreneurship boot camp, B2B meetings, visits to University R&D centres, science parks, technology business incubators, etc. It culminated in a "Technology Commercialisation conference and Investment forum" where the participants had the opportunity to pitch their business plans to an audience mainly comprising public and private investors and technical partners. Among them, two companies are now in advanced negotiations with technical partners in Wallonia for a major breakthrough on the European market.

The programme will be repeated in 2012 with a new batch of

	young Indian technology champions!
<b>Priorities</b>	<p><b><u>1. Micro-electronics and Nanotechnology</u></b></p> <p><b>IMEC</b>, a leading global independent research centre in the field of nanoelectronics and nanotechnology, has expanded its R&amp;D collaboration with Indian semi-conductor companies and related institutes.</p> <p><b>IMEC</b> has signed a MoU with the <b>Indian Institute of Science in Bangalore</b> (I.I.Sc.) in 2006 to perform joint research on various nanoelectronics process steps. The I.I.Sc. in Bangalore has set up an international nanoscience centre for R&amp;D projects in nanotechnology applications. IMEC and I.I.Sc perform joint research on new materials for sub 45nm CMOS technologies, as well as nanotechnology for the post CMOS era. The MoU provides for a more intense exchange of PhD students and researchers, and the shared use of facilities of the two institutes.</p> <p>Since May 2011, Imec and <b>Wipro</b> are engaged in a joint initiative to co-innovate and build next generation intelligent systems, called <i>Applied Research in Intelligent Systems Engineering</i> (<b>ARISE</b>). Both companies established a joint lab, bringing together an experienced team of system designers, user designers, process, software and system architects, in order to develop nanoelectronics and NEMS-(Nano Electro Mechanical Systems) based solutions for emerging markets like India.</p> <p><b><u>2. Cleantech/Renewable Energy</u></b></p> <p>The Flemish Institute for Technological Research (<b>VITO</b>), which is active in the field of cleantech, has started a close collaboration with The Energy and Resources Institute (TERI) since 2007. Since August 2011, both institutes are involved joint programme, called 'cleantech for transition', promoting sustainable development in rural areas of India via cleantech. A TERI researcher is currently working with VITO in Belgium. In the framework of the Delhi Sustainable Development Summit (DSDS, February 2011), VITO and TERI co-organised a special event on waste and wastewater treatment solutions.</p> <p><b><u>3. Biotechnology</u></b></p> <p><b>Janssen Pharmaceuticals</b> concluded a royalty-free licence agreement with the Indian company Emcure regarding the</p>

production of the anti-HIV product Darunavir (PREZISTA) in India. Similar agreements exist with other players in India.

For years, Janssen has a close cooperation with the Archaeological Survey of India (ASI) regarding the use of specific chemicals for the preservation of architectural sites. In that context, The Raymon Lemaire Institute from KULeuven (Dr Jan Bosselaers) and the Indian Heritage Cities Network Foundation, in close collaboration with Janssen/Johnson & Johnson, organised an international training workshop in Amber (close to Jaipur) on 25-31 January 2011.

#### **4. Aerospace**

**Cenco International**, a division of **Techspace Aero S.A.**, member of the SAFRAN Group, and **ETBRDC**, a division of **HAL** have signed a MoU in 2006 that will set forth the principles of a long-term commercial and technical collaboration on the design, manufacturing and installation of gas turbine engine test equipment in the global market. Both parties will work together on specific projects in India and abroad and work as preferred supplier on specific terms such as mechanical parts, data acquisition systems and other specialized equipments. Techspace Aero is also active in the civil space sector.

The Belgian company **AMOS (Advanced Mechanical and Optical Systems)** is a world leader in producing opto-mechanical systems for this kind of facilities. The company has signed several agreements with the **Indian Space Research Organisation (ISRO)** and/or ISRO affiliates to supply collimators and other testing equipment for the Indian remote sensing and telecom satellite programs. One of these agreements was signed in Bangalore in March 2006 during the visit of HE Mr. Jean-Claude Marcourt, the Minister of Economic Affairs, Employment and Trade of Wallonia, the southern region of Belgium.

AMOS was also the main subcontractor for building the large CATVAC satellite testing chamber in the new ISRO Satellite Application Center (ISAC) at Marathahalli, Bangalore. The new CATVAC chamber was officially inaugurated in February 2007 and is the largest of its kind in Asia.

AMOS is also involved in the installation of the 3.6 metre ground telescope at Nainital in the Himalaya region of Uttaranchal, and scientific maintenance for the solar

	<p>telescope of the Udaipur Solar Observatory.</p> <p>An initial MOU was signed between <b>SIATI</b> (the Aerospace Association of India) and <b>FLAG</b> and <b>SKYWIN</b> (the Belgian Aerospace Industry Representatives) during the Singapore Airshow, on 02 February 2010. Since then, a number of actions have been earmarked and cooperative opportunities identified. The MOU signed during the Princely Mission in March 2010 builds upon the previous MOU, and leads to concrete actions and cooperative programs between Belgium and India, and their respective aerospace industries.</p>
<p><b>Joint research institutes / laboratories</b></p>	<p>Arise Lab: a joint initiative between Imec and Wipro (<a href="#">ARISE</a>).</p>
<p><b>Innovation-related activities</b></p>	
<p><b>Student &amp; researcher mobility schemes</b></p>	<p>Several scholarships are available for studying in Belgium.</p> <p><b>1. Federal government traineeships and scholarships</b></p> <p>Federal (central) government traineeships and scholarships are available from the Directorate-General of Development (DGD) and other federal institutions. You can find out more <a href="#">here</a>.</p> <p><b>2. Scholarship programmes of the Cultural Communities</b></p> <p>In Belgium, a country where there are three official national languages, the Communities are federated authorities which are responsible for taking decisions on services for individuals, such as education. The three Communities offer their own scholarship programmes in their respective regions.</p> <p><b>2.1. The Flemish Community</b></p> <p>In Flanders (Dutch-speaking part of Belgium) there are 6 universities and 22 university colleges. They offer a broad range of study programmes.</p>

- The Flemish Community offers scholarships through [VLIR-UOS](#), the Flemish Inter-University Organisation
- Besides VLIR-UOS, universities in Flanders may have their own scholarship programmes. Find [here](#) links to all higher education institutes and [here](#) links to all universities in Flanders.
- Furthermore, under a special agreement with the Government of India, every year the Flemish Community offers 3 grants for post-graduate studies or post-doctoral research for a period of 10 months (one academic year). For more information on this scholarship programme, please refer to the Ministry of Human Resource Development, [Department of Higher Education](#).
- Other websites with information on higher education in Flanders:
  - [Education in Flanders](#)
  - [Study in Flanders](#)
  - [Useful publications](#)
  - [Recognition of foreign diplomas](#)

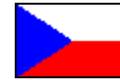
## **2.2. The French-speaking Community**

The higher education network of the French-speaking Community is comprised, on the one hand, of universities and, on the other hand, institutions of higher education. 20% of university students are foreigners (40% at doctorate level). The universities and institutions of higher education have signed hundreds of cooperation agreements with foreign educational institutions.

- The French-speaking Community of Belgium offers study grants through the University Commission for Development ([CUD](#)).
- Moreover, the French-speaking Community has also set up a new grant programme called the [Wallonia-Brussels International Excellent Grants](#).
- Besides these governmental programmes, higher education institutions in the French-speaking Community may have their own scholarship programmes. Find [here](#) the list of all the higher education institutions in the French-speaking

	<p>Community, including all universities.</p> <p>➤ Other useful websites:  <a href="#">Study in the Heart of Europe</a>  <a href="#">Etudier en Belgique</a>  Recognition of foreign diplomas: <a href="#">secondary studies</a>  Recognition of foreign diplomas: <a href="#">higher studies</a></p> <p><b>2.3. The German-speaking Community</b></p> <p>The German-speaking Community of Belgium grants scholarships to non-EU students only if applicants have been living in Belgium with their family for at least five years, on the date of the application deadline.</p> <p>You can find an overview of the education system in the German-speaking Community on the following <a href="#">website</a> (in German).</p>
<b>Main initiatives and programmes</b>	Joint calls for proposals under the <b>S&amp;T Framework Agreement</b> are currently being worked out between Belspo and DST
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	<a href="http://www.belspo.be/belspo/coordination/doc/scienPol/Bevoegd_en.pdf">http://www.belspo.be/belspo/coordination/doc/scienPol/Bevoegd_en.pdf</a>

## CZECH REPUBLIC



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>Agreement between Czechoslovakia and India on Scientific, Technical and Industrial Cooperation, signed in Prague on 30 May 1973.</p> <p>Programme of Scientific and Technological Cooperation between the Ministry of Education, Youth and Sports of the Czech Republic and the Department of Science and Technology, Ministry of Science and Technology of the Republic of India, signed in Prague on 20 April 2012.</p>
<p><b>Priorities</b></p>	<p>Areas of cooperation are defined in Art. 2 of the „Programme“:</p> <ul style="list-style-type: none"> <li>a) ICT</li> <li>b) Natural science including biotechnology;</li> <li>c) Engineering and material sciences;</li> <li>d) Health and medical sciences (including pharmaceutical sciences) and food safety;</li> <li>e) Research on climate change, environment and energy;</li> <li>f) Other areas that may be agreed mutually.</li> </ul>
<p><b>Joint research institutes / laboratories</b></p>	<p>There are no Czech-Indian joint research institutes or laboratories.</p>
<p><b>Innovation-related activities</b></p>	<p>There are no Czech-Indian innovation related activities</p>
<p><b>Student &amp; researcher mobility schemes</b></p>	<p>Czech Government Scholarships for Research Stays in the Czech Republic - Scholarships for university/college students or graduates and Ph.D. candidates (exceptionally also for university researchers/teachers) who wish to accomplish study or a research stay at one of the Czech public institutes of higher education.</p>
<p><b>Main initiatives and programmes</b></p>	<p>The Ministry of Education, Youth and Sports of the Czech Republic and the Department of Science and Technology, Ministry of Science and Technology of the Republic of India announce the call for Czech-Indian</p>

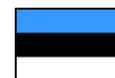
	<p>joint research project proposals every 2 years. Joint projects developed in the fields of fundamental and applied research with the implementation period of 2 to 3 years are being supported. The eligible applicants in the Czech Republic are public universities, public research institutes, other entities that can be classified as research organizations, and small and medium sized enterprises.</p>
<b>Trilateral or multilateral initiatives</b>	<p>Currently, there are no such approaches.</p>
<b>Further information</b>	<p>Details on Czech-India R&amp;D Cooperation (only in Czech):  <a href="http://www.msmt.cz/mezinarodni-vztahy/vyzkum-a-vyvoj-1/podpora-spolecnych-cesko-indickych-vyzkumnych-projektu">http://www.msmt.cz/mezinarodni-vztahy/vyzkum-a-vyvoj-1/podpora-spolecnych-cesko-indickych-vyzkumnych-projektu</a></p> <p>CR Government Scholarships:  <a href="http://www.msmt.cz/international-cooperation-1/government-scholarships-developing-countries?lang=2">http://www.msmt.cz/international-cooperation-1/government-scholarships-developing-countries?lang=2</a></p> <p>Contact persons:  <b>Lukas Levak</b>  Ministry of Education, Youth and Sports  Department for Funding of International R&amp;D Programmes  Karmelitská 7  118 12 Prague 1  Czech Republic  Tel.: +420 234 811 360  Fax: +420 234 811 713  E-mail: <a href="mailto:lukas.levak@msmt.cz">lukas.levak@msmt.cz</a>  Web: <a href="http://www.msmt.cz/">http://www.msmt.cz/</a></p> <p><b>Ondrej Novak</b>  Ministry of Education, Youth and Sports  Department of International Cooperation in Research and Development  Karmelitská 7  118 12 Prague 1  Czech Republic  Tel.: +420 234 811 118  e-mail: <a href="mailto:ondrej.novak@msmt.cz">ondrej.novak@msmt.cz</a></p>

## DENMARK



<b>Cooperation framework (e.g. bilateral agreements)</b>	MoU between the Ministry of Science, Innovation and Higher Education and the Department of Biotechnology (DBT) in India.
<b>Priorities</b>	Bilateral call within health biotechnology
<b>Joint research institutes / laboratories</b>	DBT
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	Study in Denmark Programme aimed at disseminating information about living and studying in Denmark ( <a href="http://www.studyindenmark.dk">www.studyindenmark.dk</a> )
<b>Main initiatives and programmes</b>	Bilateral call within health biotechnology.
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	

## ESTONIA



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p><b>The Agreement between the Government of the Republic of Estonia and the Government of the Republic of India on Cooperation in the field of Science and Technology</b> was signed in 1999 and covers all the fields of science and technology. The implementation of this Agreement is entrusted to the Ministry of Culture and the Ministry of Education, from the Estonian side and the Department of Science and Technology from the Indian side. The objectives of this Agreement shall be realised through the implementation of cooperation programs as agreed periodically specifying the themes and forms of cooperation including financial terms and conditions.</p>
<p><b>Priorities</b></p>	<p>no</p>
<p><b>Joint research institutes / laboratories</b></p>	<p>no</p>
<p><b>Innovation-related activities</b></p>	<p>no</p>
<p><b>Student &amp; researcher mobility schemes</b></p>	<p><b>ERMOS Programme of Estonian Research Council</b>            Postdoctoral researchers can apply for a grant to carry out research in Estonia in all science fields. Applicants can be from any nationality, if he/she has not resided or worked (incl. studied) in Estonia longer than 12 months during the three years preceding the date of submission of the application. The grant contains remuneration for the postdoctoral researcher, research expenses, a one-time relocation allowance, and overhead costs. Duration of a grant 2 or 3 years, calls for applications once a year.            Web page: <a href="http://www.etf.ee">www.etf.ee</a> ;  <a href="http://etf.ee/index.php?page=343&amp;">http://etf.ee/index.php?page=343&amp;</a></p>

### **Mobilitas Programme of Estonian Research Council**

The objective of the programme Mobilitas is to activate international exchange of scientists and knowledge. Postdoctoral researchers can apply for a grant to carry out research in Estonia or abroad. Incoming researchers can come from all fields of science. In case of outgoing researchers - the first priority areas of the Estonian Research and Development and Innovation Strategy 2007–2013 "Knowledge-based Estonia": information and communication technology, material technology, biotechnology, energy, environmental technology, health. The grant contains remuneration for the postdoctoral researcher, research expenses, a one-time relocation allowance, and overhead costs. Duration of a grant 2 or 3 years, calls for applications twice a year.

Web page: <https://www.etis.ee> ;  
<http://etf.ee/index.php?page=256&>

### **EMBO Installation Grants**

European Molecular Biology Organization (EMBO) Installation Grant offers benefits not only to talented scientists but also to the countries where they establish laboratories. The aim is to support the development of the local research culture and infrastructure in Molecular Biology. Grant scheme is open to any nationality. Installation Grants help scientists to relocate and set up research laboratories in Estonia. Successful applicants receive an annual support of 50,000 euro and benefits similar to those of the EMBO Young Investigator Programme. Duration of grant is three to five years, application deadline is 15 April of each year.

Web page:  
<http://www.embo.org/programmes/installation-grants.html>

### **DoRa allowance for International Master Students**

A monthly allowance of 287 euros (for 10 months during one academic year) is awarded to foreign students studying on the Master's programmes taught in English at the Estonian universities. The student applies through the host institution. The host institution sets deadlines and selection criteria to get the allowance. The scheme is financed by the European Social Fund.

	<p>Web page: <a href="http://www.studyinestonia.ee/scholarships">http://www.studyinestonia.ee/scholarships</a></p> <p><b>DoRa Scholarships for International Visiting PhD Students</b></p> <p>The scholarships cover research and study visits of 1-10 months by international PhD students to Estonian universities under recognised PhD study programmes regardless of the subject area.</p> <p><u>To be eligible the candidate must:</u></p> <ul style="list-style-type: none"> <li>• reside in a country other than Estonia;</li> <li>• be enrolled in a doctoral programme at an educational institution recognised by that country’s authorities;</li> <li>• not be enrolled as a student in a higher education institution in Estonia when the application is submitted;</li> <li>• undertake to resume their studies in their home country at the end of the grant period.</li> </ul> <p>The selection from among the candidates will be made by the host university.</p> <p><u>Each eligible student will receive:</u></p> <ul style="list-style-type: none"> <li>- a monthly grant of € 383 for the duration of the student’s stay at the university;</li> <li>- a fixed travel grant for one return trip from the student’s place of residence to Estonia;</li> <li>- an additional grant to cover the cost of health insurance for the period spent in Estonia, and the stamp duty on the residence permit;</li> <li>- a mobility allowance of € 255 per month for each month spent in Estonia that covers only the following costs, which must be fully documented: <ul style="list-style-type: none"> <li>– additional fixed travel grant to cover additional trips home during the academic year;</li> <li>– rent, covering temporary accommodation in hostels and hotels, and rent;</li> <li>– relocation expenses, such as excess baggage charges or international cargo charges.</li> </ul> </li> </ul> <p>Web page: <a href="http://www.studyinestonia.ee/scholarships">http://www.studyinestonia.ee/scholarships</a></p>
<p><b>Main initiatives and programmes</b></p>	

<p><b>Trilateral or multilateral initiatives</b></p>	<p>Estonia participates in the India Working Group of the Strategic Forum for International Collaboration (SFIC).</p>
<p><b>Further information</b></p>	<p>Information about Research positions &amp; fellowships in Estonia; advice &amp; support on mobility to the country is available on Websites:  <a href="http://www.smartestonia.ee/euraxess/">http://www.smartestonia.ee/euraxess/</a> ,  <a href="http://euraxess.ee">http://euraxess.ee</a>;  and about research in Estonia:  <a href="https://www.etis.ee/index.aspx?lang=en">https://www.etis.ee/index.aspx?lang=en</a>  Information about study opportunities in Estonia (programmes in English, admissions, educational system in Estonia, etc) advice and support for international students coming to stay and study in Estonia:  <a href="http://www.studyinestonia.ee">http://www.studyinestonia.ee</a>  www. Facebook.com/studyinestonia  www. Twitter.com/studyinestonia  www.youtube.com/studyinestonia</p>

## FINLAND

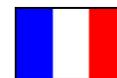


<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>The Agreement between the Government of the Republic of Finland and the Government of the Republic of India on Cooperation in the field of Science and Technology was signed in 2008 and covers all the fields of science and technology.</p> <p>The coordinating parties are the Ministry of Employment and the Economy of Finland and the Ministry of Science and Technology of India. A Steering Committee meeting is organised every two to three years alternately in Finland and India.</p> <p>The Finnish Funding Agency for Technology and Innovation (Tekes) has a Memorandum of Understanding with the Department of Biotechnology (DBT) and the Department of Science and Technology (DST) of the Ministry of Science and Technology of India (2009).</p> <p>The Academy of Finland has Memorandum of Understanding with DBT (biotechnology) and DST (various fields within natural sciences and engineering) (2005). An Agreement with the Indian Council of Medical Research under the Ministry of Health and Family Welfare will be signed soon.</p> <p>VTT Technical Research Centre of Finland and the Council of Scientific and Industrial Research (CSIR) in India are partners in the Global Research Alliance. VTT has signed a Memorandum of Understanding with the Confederation of Indian Industry (CII).</p>
<p><b>Priorities</b></p>	<p>India is one of the strategic partner countries for Finland in international science, technology and innovation cooperation.</p> <p>Tekes: The objective is to support long-term innovation cooperation as well as creation and strengthening of cooperation networks between Finland and India, and to facilitate creation of high-level innovations that are beneficial for both Finnish and Indian economy and society.</p> <p>The Academy of Finland: The objective in the Indo-</p>

	<p>Finnish project cooperation is to support long-term systematic research collaboration, researcher mobility and creation and strengthening of research collaboration networks between Finland and India. The themes of calls for joint projects vary in each call and the theme must be approved by both parties. Themes to be selected for joint project calls shall be researcher-driven, topical and benefit both countries.</p>
<b>Joint research institutes / laboratories</b>	No joint research laboratories.
<b>Innovation-related activities</b>	<p>Finnish Innovation Network FinNode India started its operations in February 2011.</p> <p>Bilateral Science and Technology and Innovation Working Groups and different proactive functions and joint actions (networking events, seminars, workshops, excursions).</p>
<b>Student &amp; researcher mobility schemes</b>	<p>In Finland, the Centre for International Mobility (CIMO) under the Ministry of Education and Culture plays a major role in promoting international cooperation and mobility with specific emphasis on education, training, working life, culture and young people.</p> <p>FiDiPro (the Finland Distinguished Professor Programme), research funding, bilateral and multilateral research cooperation.</p> <p>More information:</p> <p><a href="http://www.studyinfinland.fi/">http://www.studyinfinland.fi/</a></p> <p><a href="http://www.aka.fi/en-gb/Mobility/">http://www.aka.fi/en-gb/Mobility/</a></p> <p><a href="http://www.research.fi">www.research.fi</a></p>
<b>Main initiatives and programmes</b>	<p>Several joint calls have been carried out annually between Tekes and the Academy of Finland from Finland and DBT and DST of India. Calls have been jointly decided upon and topics accepted by both parties.</p>

	<p>Tekes and DBT have carried out joint funding calls in health and well-being (affordable diagnostics). Tekes finances Finnish firms and organizations, and DBT Indian ones. The aim is to combine complementary competences to create innovation.</p> <p>Several joint calls have been carried out between the Academy of Finland and Indian DBT and DST. Joint project calls are arranged annually or bi-annually, either in April or September. The theme varies in each call, being usually one part of the thematic research programme. The Academy of Finland funds Indo-Finnish joint projects with two Indian research funding organizations (DBT, DST) under the Indian Ministry of Science and Technology. Funding from the Academy of Finland covers the costs of Finnish researchers, while Indian researchers receive their research funding from DBT or DST.</p> <p>Cooperation with DBT covers fields within biotechnology. Joint project calls are usually arranged annually, either in April or September, and the theme varies in each call.</p> <p>Cooperation with DST covers natural sciences and engineering. The joint calls are arranged annually, either in April or September, and the theme varies in each call.</p> <p>More information:</p> <p><a href="http://www.aka.fi">www.aka.fi</a>  <a href="http://www.tekes.fi">www.tekes.fi</a></p>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Finland participates in the India Working Group of the Strategic Forum for International Collaboration (SFIC).</p> <p>The Academy of Finland has participated in the New INDIGO ERA-NET (water research call in 2011).</p>
<p><b>Further information</b></p>	<p><b>Mr. Riku Mäkelä, FinNode India</b>  <a href="http://www.finnode.fi">www.finnode.fi</a></p>

## FRANCE



<b>Cooperation framework (e.g. bilateral agreements)</b>	<ul style="list-style-type: none"><li>▪ <b>1966</b> Bilateral cultural, scientific and technical cooperation agreement between Ministry of External Affairs, India and Ministry of External Relations, France</li><li>• <b>1975</b> Bilateral scientific and technological cooperation agreement was signed between <b>CSIR</b>: Council of Scientific &amp; Industrial Research, India and <b>CNRS</b>: Centre national de la recherche scientifique, France. Steering committee meets every four years, last renewal of agreement was in January 2012.</li><li>• <b>1978 (related to 1966)</b> Bilateral scientific and technological cooperation agreement, between Ministry of External Affairs / Department of Science and Technology, India and Ministry of External Relations, France.</li><li>• <b>1978</b> Bilateral cooperation agreement in Agriculture Science: between ICAR (Indian Council of Agricultural Research- India) and INRA (National Institute for Agricultural Research - France). The steering committee meets every four years.</li><li>• <b>1987</b> Creation of the Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA) between the Department of Science and Technology, India and Ministry of External Relations, France (Governing Body meet every year).</li><li>• <b>1989</b> Bilateral cooperation agreement in <b>Medical Sciences</b> between <b>ICMR</b> (Indian Council of Medical Research- India) and <b>INSERM</b> (Institut National de la Santé et de la Recherche Médicale - France) (Governing Body meet every year).</li><li>• <b>1998</b> Bilateral cooperation agreement in the field of <b>biotechnology</b> was signed between <b>DBT</b>: Department of Biotechnology, India and <b>CNRS</b>: Centre national de la recherche scientifique, France. Steering committee meets every four years, last renewal in 2012.</li><li>• <b>2010 (Reference to 1977 and 1993)</b> Bilateral <b>Space cooperation</b> agreement between Indian Space Research Organisation (<b>ISRO</b>) and the French National Space Agency (<b>CNES</b>) to pursue further cooperation in Earth System Science and</li></ul>
--	---

	<p>Climate within the framework of the MoU signed in December 2010 and to explore new fields of cooperation in the future.</p> <ul style="list-style-type: none"> <li>• 2012, ANR-DST AGREEMENT: On 7<sup>th</sup> March 2012, Department of Science and Technology (DST), India and the French Research Agency (ANR) have signed a Memorandum of Understanding to fund Indo-French research projects. The implementation of this MoU consists in identifying every year specific topics to be funded jointly for at least the next three years. DST and ANR are committed to co-finance projects that will be selected after a peer-review process. In India, the CEFIPRA (Indo-French Centre for the Promotion of Advanced Research) will receive the submitted proposals, the selection and funding on behalf of the DST. In France, the submitted proposals will follow the ANR regular procedures.</li> </ul>
<p><b>Priorities</b></p>	<p>The French National Strategy for Research and Innovation (SNRI) has identified India as one of the countries with which France must strengthen its scientific and technological collaborations. SNRI identified several fields where the cooperation between the 2 countries should be strengthened. The two ministers met in January 2012, and identified five broad fields as priorities:</p> <ul style="list-style-type: none"> <li>- Water</li> <li>- Life Sciences and Biotechnologies</li> <li>- Nanotechnologies and materials</li> <li>- ICT</li> <li>- Innovation</li> </ul>
<p><b>Joint research institutes / laboratories</b></p>	<p><b>Institutes:</b> India hosts two French Institutes, which are among the 27 worldwide research centres funded by the French Ministry of Foreign Affairs:</p> <ul style="list-style-type: none"> <li>• The Institut Français de Pondichéry (IFP), created in 1955 based in Pondicherry, focuses on several disciplines such as Indology (especially sanskritic studies), ecology and social aspects of rural development.</li> <li>• The Centre de Sciences Humaines (CSH), created in 1990 based in Delhi, which focuses on socio-political, socio-economic and urban and industrial development studies in India and</li> </ul>

South Asia.

**Laboratories: 8 Active Joint Labs**

*Name:* **INFORMEL**: Indo-French Formal Methods Lab

*Type:* LIA / CNRS

*Created in :* 2012

*Field:* Informatics

*French Partner:* ENS Cachan

*Indian Partner:* CMI : Chennai Mathematical Institute-  
Chennai

*Name:* **LaFICS- IFLaSC** Indian-French Laboratory of  
Solid State Chemistry

*Type:* LIA / CNRS

*Created in :* 2003

*Field:* Chemistry

*French Partner:* Institut de chimie de la matière  
condensée de Bordeaux (IMCB)- Pessac

*Indian Partner:* IISC: Indian Institute of Science -  
Bangalore

*Name:* **CATSEC**: Indo-French laboratory "CATalysis  
for Sustainable and Environmental Chemistry"

*Type:* LIA / CNRS

*Created in :* 2009

*Field:* Chemistry

*French Partner:* Unité de Catalyse et de Chimie du  
Solide UMR8181 - Villeneuve d'Ascq

*Indian Partner:* NCL(CSIR): National Chemical  
Laboratory - Pune

*Name:* **JLSCI**: Joint Laboratory for sustainable  
Chemistry at interfaces

*Type:* LIA / CNRS

*Created in :* 2008

*Field:* Chemistry

*French Partner:* Laboratoire de Chimie et de  
photonique moléculaires UMR6510, Université de  
Rennes

*Indian Partner:* IICT(CSIR): Indian Institute of  
Chemical Technology - Hyderabad

*Name:* **FI-NS** French -Indian Associated Laboratory  
for Nuclear Sciences

*Type:* LIA / CNRS

*Created in :* 2010

*Field:* Nuclear Sciences

	<p><i>French Partner:</i> UMR 6415 Grand accélérateur d'ions lourds (GANIL)- Cean  <i>Indian Partner:</i> BARC : Bhabha Atomic Research Center - Bombay</p> <p><i>Name:</i> <b>CEFIRES</b>: Indo-French Cell for Groundwater Research  <i>Type:</i> Joint Lab  <i>Created in :</i> 2000  <i>Field:</i> Water  <i>French Partner:</i> BRGM: Bureau de Recherche Géologiques et Minières  <i>Indian Partner:</i> NGRI: National Geophysical Research Institute, Hyderabad</p> <p><i>Name:</i> <b>IMPACT</b>: Immunopathology and therapeutic immunointervention in immunohematological diseases  <i>Type:</i> LIA / INSERM  <i>Created in :</i> 2011  <i>Field:</i> Life Sciences  <i>French Partner:</i> U872 INSERM  <i>Indian Partner:</i> NIIH: National Institute of Immunohaematology, Mumbai</p> <p><i>Name:</i> <b>CEFIRSE</b>: Indian-French Laboratory on Water Sciences  <i>Type:</i> LMI / IRD  <i>Created in :</i> 2001  <i>Field:</i> Water  <i>French Partner:</i> IRD: Institut de recherche pour le développement  <i>Indian Partner:</i> IISc: Indian Institute of Science, Bangalore</p> <p><i>Name :</i> <b>PROTECT</b> The Indo French laboratory in neurosciences  <i>Type:</i> LIA /INSERM  <i>Created in :</i> 2008  <i>Field :</i> Life Sciences  <i>Indian Partner :</i> National Brain Research Centre, the Department of Biotechnology  <i>French partner:</i> INSERM (UMR 676 de l'hôpital robert Debré)</p>
--	---

<b>Innovation-related activities</b>	<p><b>CEFIPRA "INNOVATION"</b></p> <p>The expansion of CEFIPRA decided on the 6<sup>th</sup> of March 2012 in Delhi targets an impressive range of new programmatic activities. The main expansion is the opening of the "CEFIPRA Innovation" branch, dedicated to fund projects in public-private partnership.</p>
<b>Student &amp; researcher mobility schemes</b>	<p><b>CHARPAK PHD FELLOWSHIP:</b></p> <p>The Science and Technology Department of the French Embassy in India launched this program in 2005 to develop and strengthen Indo-French scientific cooperation. The main objective of this program is to allow close collaboration between Indian and French laboratories. The fellowship is a single-phase fellowship scheme for fellows who are registered in Ph.D. program at an Indian institute/University. It is an opportunity for Indian students to carry out part of their research work at a French University/Institute of his/her choice and experience current research methods in France, while discovering another cultural context. Over the years, this program has excelled and gained wider acknowledgement and appreciation from Indian and French scientific community. More than 200 students benefited from this program and have published 153 joint research publications in highly reputed international journals. In the year 2012, fellowships were awarded in the fields of Health &amp; Biology, Nanotechnologies and Mathematics. Call for candidates are announced in the month of October of each year. Indian research students enrolled for PhD in Indian university/Institute are eligible. Registration, application and detailed guidelines of the Charpak fellowship are available at <a href="http://www.frenchscinetoday.org">www.frenchscinetoday.org</a>.</p> <p><b>INDO-FRENCH RESEARCH AND DEVELOPMENT PROGRAMME:</b></p> <p>This program is designed to initiate and foster Indo-French collaboration between Indian and French laboratories. Researchers from both countries are eligible to apply for short tem grant (travel and honorarium). Maximum stay is limited to 12 weeks. Registration, application and detailed guidelines are</p>

	<p>available on our website <a href="http://www.frenchsciencetoday.org">www.frenchsciencetoday.org</a></p> <p><b>“QUAI D’ORSAY-ENTREPRISES” programme</b></p> <p>For the 2012-2013 academic year, the GDF SUEZ / <u>French Ministry of Foreign and European Affairs</u> co-financed academic scholarships aim at students who are currently studying in India. The scholarships are awarded for one year of studies in France at the Master 2 level at the Ecole Polytechnique.</p> <p><b>EIFFEL EXCELLENCE SCHOLARSHIPS</b></p> <p>The Eiffel excellence scholarship programme from the French Ministry of Foreign and European Affairs has been launched in January 1999. It aims at supporting French centres of higher education in their international outreach initiatives, in a context of mounting competition among developed countries, to attract elite overseas students on master's, engineering and PhD courses.</p> <p><b>ANR CHAIRS OF EXCELLENCE PROGRAMME</b></p> <p>The Chairs of Excellence Programme aims to attract to France the best researchers, professors, foreign or French, by offering, with the assistance of the host establishments and organizations, substantial resources to build up a team and to start an ambitious project with clear anticipated impact. The programme functions by means of a call for proposals open to all research disciplines. The 2012 programme proposes three types of chairs:</p> <ul style="list-style-type: none"> <li>• Long-term Junior and</li> <li>• Senior Chairs of Excellence</li> <li>• Short-term Senior Chairs of Excellence</li> </ul>
<p><b>Main initiatives and programmes</b></p>	<p>Research (IFCPAR) is a model for bilateral cooperation in Science and Technology. The Centre receives financial support from the Department of Science &amp; Technology, Government of India and the Ministry of Foreign Affairs, Government of France. The primary objective of supporting collaborative Basic research, applied research and innovation projects between Indian and French scientists is to complement the expertise and strength of high quality research groups</p>

	<p>in advanced areas of science and technology thereby promoting excellence in science. Deadlines for receipt of project proposals: April 1 and October 1 every year. Online application form and other information is available on the website <a href="http://www.cefipra.org">http://www.cefipra.org</a></p> <p><b>INSERM- ICMR JOINT CALL FOR COLLABORATE RESEARCH PROJECTS:</b>  This program offers financial grant to the Indian and French scientist for travel / per-dimes for joint research projects. Applications in the fields of medical and health research are eligible. Duration of project is limited to two years. Call for proposal is announced every year in the month of May. Registration, application and detailed guidelines are available on website: <a href="http://www.icmr.nic.in/guide/inserm.htm">http://www.icmr.nic.in/guide/inserm.htm</a></p> <p><b>ANR-DST JOINT CALL FOR COLLABORATE RESEARCH PROJECTS:</b>  Within the framework of the ANR-DST agreement, the call for proposals will focus for the first year on "Infectious Diseases" and "Engineering Sciences". This call will be launched in fall 2012 for a funding the selected projects during 2013.</p>
<b>Trilateral or multilateral initiatives</b>	<ul style="list-style-type: none"> <li>• Multilateral initiatives: FAIR, ITER, New INDIGO and ORA programme on Social Sciences (ANR-DFG-ESRC-NWO with ICSSR)</li> <li>• Regional (Asia) programs between France and Asia, about ICT (ICT Asia) and biological sciences (BIO Asia).</li> </ul>
<b>Further information</b>	<p><b>Websites:</b>  <a href="http://www.frenchsciencetoday.org">http://www.frenchsciencetoday.org</a>  <a href="http://www.cefipra.org">http://www.cefipra.org</a></p>

## GERMANY



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>An intergovernmental agreement on co-operation regarding the peaceful uses of atomic energy and space research was signed in 1971.</p> <p>An intergovernmental agreement on co-operation regarding scientific research and technological development was signed in 1974.</p> <p>Since the mid-1990ies, an Indo-German Committee on Science and Technology meets every 18 to 24 months on State Secretary level. Meetings alternative between Germany and India.</p> <p>A newly established Indo-German Steering Committee on Biotechnology met for the first time in February 2012.</p> <p>Other agreements (examples) exist between:</p> <ul style="list-style-type: none"> <li>• the German Research Foundation and the Indian National Science Academy (signed in 1986)</li> <li>• the Max-Planck-Society and the Department of Science and Technology of the Government of India (signed in 2004)</li> <li>• the German Research Foundation and the Department of Science and Technology of the Government of India (signed in 2004)</li> </ul> <p>the German Research Foundation and the University Grants Commission (signed in 2010)</p>
<p><b>Priorities</b></p>	<p>The following fields are defined as focal areas:</p> <ul style="list-style-type: none"> <li>• Biotechnology</li> <li>• Information technology</li> <li>• Environmental technologies</li> <li>• Sustainability Research</li> <li>• Health research</li> <li>• Material sciences</li> <li>• Space Research</li> <li>• Production Technologies</li> </ul> <p>It is an agreed goal to attract more industry participation in joint research projects.</p>

<p><b>Joint research institutes / laboratories</b></p>	<p>The Indo-German Centre for Sustainability (IGCS), an interdisciplinary bilateral research hub on sustainability, was established at IIT Madras in 2010.</p> <p>Also in 2010, the Indo-German Max Planck Center for Computer Sciences (IMPECS) at IIT Delhi was established.</p> <p>In 2011, the Indo German Max Planck Center on Lipid Research was established at the National Center for Biological Sciences in Bangalore.</p>
<p><b>Innovation-related activities</b></p>	<p>The Indo-German Science and Technology Center (IGSTC) in Gurgaon was established in 2008. It funds bilateral research projects in the applied sciences. Each project involves research institutions and industry partners on both sides (2+2-mode). The German and Indian Governments each contribute 2 million Euros annually to the IGSTC. The IGSTC issues a yearly call for research project proposals in jointly identified priority areas.</p>
<p><b>Student &amp; researcher mobility schemes</b></p>	<p><b>German Federal Ministry for Education and Research:</b> Funding for the accommodation costs of Indian project participants in Germany to support contact initiation for international projects in strategic research fields and the development of priority international research projects (preparatory phase and pilot projects). Yearly calls with DBT, DAE, CSIR and ICMR.  <a href="http://www.internationales-buero.de/">www.internationales-buero.de/</a></p> <p><b>German Research Foundation:</b> Initiation and Intensification of Bilateral Cooperation; Applicants wishing to initiate or intensify scientific cooperation with international partners may receive funding. Scientists and academics working in the German scientific community who hold a doctorate are eligible to apply; Duration: For a period of up to one year (one extension may be granted under certain circumstances). Under a joint scheme with the University Grants Commission, German and Indian research groups are being brought together to form an "International Research Training Group (IRTG)" (Internationales Graduiertenkolleg) in Germany and in India aimed at the joint qualification of doctoral candidates in both countries. <a href="http://www.dfg.de/">www.dfg.de/</a></p>

	<p><b>German Academic Exchange Service (DAAD):</b> Various scholarships opportunities for Internships, University summer courses, graduate and post graduate students, post docs and senior scientists; Under the scheme "A New Passage to India" many scholarships modes are being intensified further. <a href="http://newdelhi.daad.de/">http://newdelhi.daad.de/</a></p> <p>The <b>Max Planck Society</b> offers travel and accommodation funding opportunities to scientists visiting Max Planck Institutes and particularly to highly-qualified junior scientists (Max Planck India Fellows), <a href="http://www.mpg.de/en">www.mpg.de/en</a></p> <p><b>Euraxess Germany:</b> Research positions &amp; fellowships in Germany; advice &amp; support on mobility to the country, <a href="http://www.euraxess.de/portal/home_en.html">www.euraxess.de/portal/home_en.html</a></p>
<p><b>Main initiatives and programmes</b></p>	<ul style="list-style-type: none"> <li>• Joint calls by DST and BMBF within IGSTC context</li> <li>• Joint calls by the Indian Department of Biotechnology and the German Federal Ministry of Education and Research, in the future also in 2+2-mode i.e. with industry participation.</li> <li>• Joint calls by the Indian Department of Science and Technology and the German Federal Ministry of Education and Research in various fields, e.g. on environmental research.</li> <li>• Bilateral calls for research projects between Indian funding organisations and BMBF concerning specific topics</li> <li>• Establishment of a German House for Research and Innovation in New Delhi as a joint representation of all German science organisations in India. It will increase visibility of German research in India and facilitate outreach to the Indian science community.</li> </ul>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Germany is among the partners in the ERA-Net New INDIGO. The ERA-Net publishes regular calls with DST or DBT where at least two European and one Indian partner have to build a research consortium</p> <p>Germany is one of the leading players in the</p>

	<p>Strategic Forum for International Science and Technology Cooperation (SFIC) to facilitate research cooperation between the EU and India.</p> <p>India has invested heavily into the multilateral particle accelerator FAIR in Darmstadt as well as DESY in Hamburg.</p>
<p><b>Further information</b></p>	<p>Person to contact at the German Embassy in India:  Dr. Christian Aulbach  Science and Technology Counsellor  +91 11 44 199 199  wiss-1@newd.diplo.de  <a href="http://www.india.diplo.de/science">www.india.diplo.de/science</a></p> <p>Person to contact in Germany  Dr. Martin Goller  German Aerospace Center  International Bureau of the BMBF  + 49 228 3821 1407  <a href="mailto:martin.goller@dlr.de">martin.goller@dlr.de</a>  <a href="http://www.bmbf.bund.de">www.bmbf.bund.de</a>  <a href="http://www.internationales-bureau.de">www.internationales-bureau.de</a></p>

## GREECE



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>The Scientific and Technological Agreement between the Government of the Hellenic Republic and the Government of the Republic of India was signed on the 26<sup>th</sup> of April 2007 and was ratified on February 5<sup>th</sup> 2008.</p> <p>Partners: <b>-Ministry of Education, Long life and Learning and Religious Affairs</b> <b>-Indian Department of Science and Technology (DST).</b></p> <p>The S&amp;T bilateral cooperation between the Contracting Parties includes:</p> <ul style="list-style-type: none"><li>• Realization of joint R&amp;D projects and exchange of their results</li><li>• Exchange of scientists, researchers and experts</li><li>• Exchange of scientific and technological information and documentation as well as equipment and consumable materials</li><li>• Organization and participation in meetings, conferences, symposia, workshops, exhibitions etc.</li><li>• Joint use of R&amp;D facilities and scientific equipment</li></ul> <p>The Steering Committee will meet at least once every 2 years.</p> <p>Following the framework agreement, the first meeting of the Joint Committee between the General Secretariat for Research and Technology and the Department of Science &amp; Technology (DST) / Ministry of Science &amp; Technology of India, was held in Athens, on 5<sup>th</sup> November, 2010. In respect to the agreement, the Joint Committee elaborated and adopted an Executive Program for the years 2010-2013, establishing the thematic areas, the form of cooperation and the financial provisions.</p> <p>The bilateral S&amp; T cooperation shall be implemented through:</p>
---	--

	<ul style="list-style-type: none"> <li>• <b>Joint research Projects</b></li> <li>• <b>Workshops</b></li> <li>• <b>Exchange visits</b></li> </ul> <p>The two sides shall support scientific projects based on mutual interest, which shall be developed, jointly by the Greek and Indian Institutions. Joint research projects shall aim at developing Science and technology and lead to the dissemination of research results and establishing contacts with industry for the follow up of research and development work. Project proposals shall be received annually through a joint call for Projects and approved at regular meetings or exchange of communications on the basis of the evaluations conducted by each Party.</p> <p>Furthermore, every year at least one workshop would be organized each in Greece and India during 2011-13. Both sides will decide the broad subject areas for organization of such workshops mutually.</p> <p>Moreover, both parties will encourage the exchange of scientist and specialist for the implementation of joint R &amp; D projects and participation in bilateral conferences, workshops etc.</p>
<b>Priorities</b>	<p>According to the Executive Program the priority areas of S&amp;T cooperation shall be:</p> <ul style="list-style-type: none"> <li>• Information and Communication Technology and their Impact on Social and Managerial Issues.</li> <li>• Nanotechnology</li> <li>• Life and Sciences &amp; Biomedical Sciences (including Health and Clinical Research)</li> <li>• Seismology and Geodynamics</li> <li>• Agricultural Sciences</li> <li>• Chemical and Physical Sciences</li> <li>• Ocean &amp; Marine Sciences</li> <li>• Environmental Sciences (including Sustainable Urban Development, Telecopy and Remote Sensing)</li> <li>• Renewable Energy Technologies</li> </ul> <p>Technology and Cultural Heritage Preservation</p>
<b>Joint research institutes / laboratories</b>	

<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	
<b>Main initiatives and programmes</b>	Regular joint calls under the Scientific and Technological Agreement, workshops, Exchange visits.
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	Further information may be obtained via GSRT <a href="mailto:estavr@gsrt.gr">estavr@gsrt.gr</a> <a href="mailto:esta@gsrt.gr">esta@gsrt.gr</a>

## HUNGARY



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>Indo-Hungarian co-operation in Science &amp; Technology is carried out in the framework of the agreements between the Indian National Science Academy and the Hungarian Academy of Sciences; and the Hungarian National Committee for Technological Development and the Department of Science and Technology of the Government of India.</p> <p>Currently, Indo-Hungarian bilateral co-operation in the field of science and technology is executed through the following Agreements: 1) between the Indian National Science Academy (INSA) and the Hungarian Academy of Sciences (HAS), and 2) between India's Department of Science and Technology (DST) and Hungary's National Committee for Technological Development (OMFB), and, since 2011, the National Innovation Office (NIH).</p>
<p><b>Priorities</b></p>	<p>This co-operation has been characterised by the continuous and regular exchanges of some 50 scientists altogether under two-year programmes.</p> <p>Besides the above-mentioned activities, project-generating workshops have been held in various scientific fields (including green chemistry, biomedicine, optics and electronics in space applications).</p> <p>The diverse spectrum of areas of co-operation, personal inter-disciplinary links and exchanges as well as institutionalised links reflects the synergies and affinities between our two countries in this field.</p> <p>Science cooperation between Hungary and India is not limited to bilateral ties, but is also closely linked to international scientific developments. In recent years, efforts have been exerted on ensuring scientific exchanges and boosting R&amp;D activities related to the Indo-Hungarian Science &amp; Technology Programme go beyond pure research, with the ultimate objectives of commercialisation, social application and globalisation of the knowledge</p>

	created in this co-operation.
<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	
<b>Main initiatives and programmes</b>	
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	<p><i>Person to contact in the Embassy of Hungary in India</i>  <b>Péter Schmidt</b>  Counsellor (Economic-Commercial)  Embassy of the Republic of Hungary  2/50 M, Niti Marg, Chankayapuri  New Delhi 110 021</p> <p>Tel: +91 11 2611 4737  Fax: +91 11 2688 6742  Email: peter.schmidt@hita.hu</p>

## IRELAND



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>An agreement on Scientific and Technological cooperation between the Irish and Indian Governments was signed in January 2006. At the same time Science Foundation Ireland (SFI) established formal collaborative arrangements at agency level with the Indian National Science Academy (INSA). The aim of these collaborations is to increase the extent and the quality of exchange between the two countries, with a view to building links between Irish academic research leaders and their counterparts in India.</p>
<p><b>Priorities</b></p>	<p>A Programme of Co-operation (POC) was agreed to put in place practical arrangements relating to cooperation under the Government to Government Agreement. It provided for activities jointly organised by both sides including joint calls for projects, workshops and exchange visits and is intended to operate for 2 years until 2011.</p>
<p><b>Joint research institutes / laboratories</b></p>	
<p><b>Innovation-related activities</b></p>	
<p><b>Student &amp; researcher mobility schemes</b></p>	
<p><b>Main initiatives and programmes</b></p>	<p>In March 2011 Science Foundation Ireland intensified its international collaborations by co-</p>

	<p>hosting a series of symposia in Bangalore, India, with the Indian Institute of Science (IISc) and India's National Centre for Biological Sciences (NCBS).</p> <p>The symposia, covered specialised areas under three themes: information security, neuroscience and plant biology, and featured formal presentations by SFI-funded researchers based at Cork Institute of Technology, Dublin City University, Waterford Institute of Technology, University College Dublin, University of Limerick, Trinity College Dublin, University College Cork and NUI Galway. In addition to the symposia, IDA Ireland facilitated meetings between companies based in India and the visiting Irish researchers to encourage further collaboration.</p>
--	--

## ITALY



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<ul style="list-style-type: none"><li>• The inter-Governmental Agreement on Science and Technology Cooperation was signed in 1978 and renewed in 2003. The nodal agencies are the Ministry of Foreign Affairs (MAE), Government of Italy and the Department of Science and Technology, Ministry of Science and Technology, Government of India. The Agreement is implemented through 3 years Executive Programmes (EP).</li></ul> <p>The EP in force for 2012 -2014 indicates co-funding of 12 joint research projects for which mobility of scientists will be met and lists 6 significant bilateral projects for which granting a financial contribution on an annual basis will be considered.</p> <p>Key areas of cooperation for the EP 2012-2014 are: Agriculture and Food Science and Technology; Design Engineering and Technology; Electronics, Information Communication Technology; Energy and Environment; Health, Biotechnology and Medicine; Nanotechnology and Advanced Materials; Space and Physics; Technologies applied to Cultural and Natural Heritage; Transport Systems including Automotive Technologies.</p> <ul style="list-style-type: none"><li>• The Agreement between the Italian Ministry of Foreign Affairs and the Indian Ministry of Human Resources Development, in which MAE grants annually the scholarships for Indian students for S&amp;T research activities in Italy. The number of scholarships varies every year (Delhi, 14/02/05).</li><li>• MoU between the Ministry of Education, University and Research of the Italian Republic (MIUR) and the Ministry of Science and Technology of the Republic of India for annual research grants for Indian researchers at Italian scientific institutions (Delhi, 14/02/05).</li><li>• MoU, between the Ministry for Environment, Land and Sea (Italy) and the Indian Ministry of Environment and Forest, for Cooperation in the field of Climatic Change and for carrying out joint projects in the field of "Clean</li></ul>
---	--

	<p>Development Mechanism" under the Kyoto Protocol (Delhi, 2005).</p> <ul style="list-style-type: none"> <li>• MoU between the Ministry for Environment, Land and Sea (Italy) and The Ministry of New and Renewable Energy, Government of the Republic of India for developing new and renewable energy technologies (15.02.2007).</li> <li>• MoU between the Italian National Research Council (CNR) and the Council for Scientific and Industrial Research (CSIR - India), signed in 1995 and now under renewal. Bilateral research projects (ca 10) are funded (for the mobility part) by the two organisations, with the calls for the projects published every three years.</li> <li>• Agreement for Advanced Research Programme between Provincia Autonoma di Trento, the University of Trento and Bruno Kessler Foundation, and the Department of Science and Technology (DST -India) (first signed 23.07.2003, now under renewal for 2012-2014).</li> <li>• Agreement between the Italian Space Agency (ASI) and the Indian Space Research Organization (ISRO) on cooperation in space science, technology and applications (Delhi, 14/02/05).</li> <li>• MoU between Sincrotrone Trieste S.C.p.A. and Indian Institute of Science, Bangalore for the joint design, construction, assembling and commissioning at the ST Elettra Laboratory (Trieste, Italy) of two X-Ray Diffraction beamlines, one for macromolecular structural studies and the other for high pressure and temperature diffraction studies (20.09.2010).</li> <li>• Agreement between the European Society for Biomaterials (Naples, Italy) and the Biotechnology Research Society of India (New Delhi 29/03/2011).</li> <li>• MoU between the Italian Group of Hydraulics (GII) and the Indian Society for Hydraulics (Pune, 13/01/2012).</li> <li>• Agreement between the Societa' Chimica Italiana (SCI) and the Chemical Research Society of India</li> </ul>
--	---

	<p>(Bangalore, 30.11.2007).</p> <ul style="list-style-type: none"> <li>• Collaboration in higher education is promoted under the cultural agreement between Italy and India, now under negotiation.</li> <li>• There are over 40 bilateral agreements between Italian and Indian Universities and research Institutes for the scientific and academic collaboration.</li> </ul>
<b>Priorities</b>	<p>Italy gives high priority to the S&amp;T collaboration with India. The number of approved significant bilateral projects is among the highest among all the countries with which Italy has agreements on S&amp;T collaboration. The same is valid for the number of joint scientific events organised by the Embassy of Italy in India.</p>
<b>Joint research institutes / laboratories</b>	<ul style="list-style-type: none"> <li>• Research Hub "International Institute for Applicable Mathematics and Information Sciences". MoU between the University of Udine and the B.M. Birla Science Centre, Hyderabad (Delhi, 14/02/05, renewed in September 2010).</li> <li>• Indo-Italian Joint Centre for Enabling Web Technologies and their Applications. MoU between the University of Trento and the Tata Institute of Fundamental Research (Delhi, 14/02/05).</li> <li>• Research Hub on MEMS (Micro-Electro-Mechanical-Systems). MoU between the ITC-irst, Trento and the Indian Institute of Technology, Kharagpur (Delhi, 14/02/05).</li> <li>• Research Hub on Neuroinformatics. Technical Agreement between the National Research Council and the National Brain Research Centre, Pune (Delhi, 14/02/05).</li> <li>• Research Hub on Bioinformatics. Technical Agreement between the National Research Council and the University of Pune (Delhi, 14/02/05).</li> <li>• Research Hub on Information and Communication Technologies. Agreement between S.S.S.Anna, Pisa and the Indian Institute of Technology, Kharagpur (Delhi, 14/02/05).</li> </ul>

<b>Innovation-related activities</b>	There is no any specific programme for innovation. This issue is covered during the joint scientific Indo-Italian Workshops and Seminars, in which the participation of industrial companies from both sides is encouraged.
<b>Student &amp; researcher mobility schemes</b>	<ul style="list-style-type: none"> <li>• Executive Programme for S&amp;T Collaboration (Ministry of Foreign Affairs, Italy; Department of Science and Technology, India): <a href="http://www.esteri.it/MAE/doc_politica_estera/Cultura/CooperScientificaTecnologica/Programmi%20esecutivi/20120120_PE_Italia_India_2012_2014.pdf">http://www.esteri.it/MAE/doc_politica_estera/Cultura/CooperScientificaTecnologica/Programmi%20esecutivi/20120120_PE_Italia_India_2012_2014.pdf</a></li> <li>• The Agreement between the Italian Ministry of Foreign Affairs and the Indian Ministry of Human Resources Development Scholarships offered by Government of Italy to Indian citizens: <a href="http://www.education.nic.in">www.education.nic.in</a></li> </ul>
<b>Main initiatives and programmes</b>	<p>There are joint calls every three years for the Executive Programmes in the frame of the inter-Governmental agreement and for the CNR-CSIR agreement.</p> <p>Two Indo-Italian permanent Forums are under development: on Tissue Engineering and Biomaterials and on Nanoscience and Nanotechnology.</p>
<b>Trilateral or multilateral Initiatives</b>	<p>Italy participates in the India Working Group of the Strategic Forum for International Collaboration (SFIC).</p> <p>Multilateral initiatives are under the European Union Framework Programmes or the India-EU concerted calls. At present there are about 15 multilateral projects with Italian scientists as Project leaders or participants, mainly in the areas of: agriculture, renewable energy, environment, transport systems.</p>
<b>Further information</b>	<p><b>Ministry of External Affairs</b> Piazzale della Farnesina 1 00194 Roma Tel: +39 0636911 <a href="http://www.esteri.it">www.esteri.it</a></p> <p><b>Ministry for University and Research</b> PIAZZA Kennedy 20 00144 Roma</p>

Tel: +39 0697721

[www.miur.it](http://www.miur.it)

**Institutes under the National Research Council (CNR):**

[http://www.cnr.it/istituti/Istituti\\_eng.html](http://www.cnr.it/istituti/Istituti_eng.html)

**ENEA: Italian National Agency for New Technologies, Energy and Sustainable Economic Development:** <http://enea.it>

**For research positions and fellowships in Italy:**

<http://www.euraxess.it>

**Details about the courses in English language provided by Italian Universities can be found in the following websites:**

- <http://www.study-in-italy.it/index.html>
- [http://www.iicnewdelhi.esteri.it/IIC\\_Newdelhi/Menu/Opportunita'/Studiare\\_in\\_Italia](http://www.iicnewdelhi.esteri.it/IIC_Newdelhi/Menu/Opportunita'/Studiare_in_Italia)
- [http://www.iicnewdelhi.esteri.it/IIC\\_NewDelhi/Menu/Opportunita'/Borse\\_di\\_studio/Altre\\_Borse/](http://www.iicnewdelhi.esteri.it/IIC_NewDelhi/Menu/Opportunita'/Borse_di_studio/Altre_Borse/)
- <http://www.studiare-in-italia.it/studentistranieri/>

**Person to contact in Embassy of Italy in India**

*Prof. Lidia Szpyrkowicz*

Embassy of Italy

50-E, Chandragupta Marg, New Delhi

Tel: +91 11 2611 4358; Fax: +91 11 2687 3669

Email: [scientifico.newdelhi@esteri.it](mailto:scientifico.newdelhi@esteri.it)

[http://www.ambnewdelhi.esteri.it/Ambasciata NewDelhi](http://www.ambnewdelhi.esteri.it/Ambasciata_NewDelhi)

## LITHUANIA

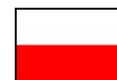


<b>Cooperation framework (e.g. bilateral agreements)</b>	<p>Agreement on cooperation in the fields of science and technology is still under negotiation</p>
<b>Priorities</b>	<p>This is only being worked out</p>
<b>Joint research institutes / laboratories</b>	<p>no</p>
<b>Innovation-related activities</b>	<p>Innovation should be covered by the same agreement under negotiation</p>
<b>Student &amp; researcher mobility schemes</b>	<p>Only case by case, based on the MoUs between Lithuanian and Indian universities</p> <p>Possibilities:</p> <p><b>Lithuanian state scholarships for Lithuanian (Baltic) studies and Lithuanian language and culture summer courses</b></p> <p>Lithuanian state scholarships for short-term Lithuanian (Baltic) studies and Lithuanian language and culture summer courses are offered annually for a group of countries, <b>India</b> being among them. The quota is annually readjusted to available financial resources. In 2012, the quota of <b>110 months</b> was offered for a group of <b>20 countries</b>.</p> <p>Students, lecturers and researchers of higher education institutions of these foreign countries can apply for periods of studies (one or two semesters) or summer language and</p>

	<p>culture courses organized by Lithuanian higher education institutions.</p> <p>More information:  <a href="http://www.smpf.lt/uploads/documents/state_scholarships/III_stipendiju_tipas.doc">http://www.smpf.lt/uploads/documents/state_scholarships/III_stipendiju_tipas.doc</a></p> <p><b>Researcher Visits Programme of the Research Council of Lithuania</b></p> <p>Foreign or Lithuanian researcher, who has been researching abroad for no less than the past 2 years, can apply for the grant for 'Incoming Researchers Visits' to come for a short-term visits to Lithuanian higher education and research institution or enterprise, which is involved in the research and development sector (host institution).</p> <p>There are 3 types of Incoming Researchers Visits:</p> <ul style="list-style-type: none"> <li>- Participation in the process of doctoral studies (to consult or attend the thesis defence). Duration of a grant up to 4 days.</li> <li>- Lecturing or seminars delivery. Duration – up to 14 days.</li> <li>- Research activities. Duration – up to 50 days.</li> </ul> <p>The amount of incoming researcher grant depends on the duration of the visit. Part of the grant is allocated to cover travel expenses, accommodation. In case of research activities it also can include additional expenses of the host institution incurred due to the visit.</p> <p>Calls for applications at least twice per year. Host institution is necessary for application. The Programme is implemented under the project of ES structural fund Short-Term Researcher Visits Funding Competition (2009–2013).</p> <p>Web page: <a href="http://www.lmt.lt">www.lmt.lt</a>. E-mail: <a href="mailto:vizitai@lmt.lt">vizitai@lmt.lt</a>.</p>
<p><b>Main initiatives and programmes</b></p>	<p>-</p>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Not yet explored</p>

<b>Further information</b>	Information about Research positions & fellowships in Lithuania, advice & support on mobility to the country is available on websites: <a href="http://www.euraxess.lt/">http://www.euraxess.lt/</a> , <a href="http://www.lmt.lt">http://www.lmt.lt</a>

## POLAND



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>The Agreement between the Government of the Republic of Poland and the Government of the Republic of India on Cooperation in Science and Technology signed in New Delhi on 12 January 1993. This Agreement is being implemented by the Joint Committee for S&amp;T Cooperation. The tasks of the Joint Committee are as follows:</p> <ul style="list-style-type: none"> <li>a) Creation of favourable conditions for implementation of the Agreement;</li> <li>b) Facilitating the implementation of joint programs and projects;</li> <li>c) Exchange of opinions on the prospects of the scientific and technological cooperation and examination of the proposals for its development.</li> </ul> <p>A New Call for Proposals will probably be announced in autumn 2012 (to be confirmed).</p> <p>The Department of Science and Technology and the Ministry of Science and Higher Education are responsible for the supervision, coordination and implementation of bilateral cooperation from the Republic of India and Republic of Poland respectively.</p>
<p><b>Priorities</b></p>	<p>There are plans to establish the agreement on strategic partnership between Poland and India which shall surely have direct impact on bilateral activities and result in intensification of future initiatives.</p>
<p><b>Joint research institutes / laboratories</b></p>	<p><b>The Centre for Contemporary India Research and Studies</b> - an innovative and interdisciplinary centre of excellence at the Institute of International Relations, University of Warsaw, based on cooperation with the United Nations Development Programme, University of Hyderabad, Jawaharlal Nehru University and other 14 European and 8 Indian universities and highly specialized institutes.</p> <p>The Centre for Contemporary India Research and Studies is the project funded by the EU aimed at strengthening knowledge about contemporary Indian</p>

	<p>business and politics. The funding agencies are: European Union/India-EU Study Centre Programme <a href="http://www.iescp.org/">http://www.iescp.org/</a></p> <p>and</p> <p>University of Warsaw/Institute of International Relations <a href="http://www.uw.edu.pl">http://www.uw.edu.pl</a>   <a href="http://www.ism.uw.edu.pl">http://www.ism.uw.edu.pl</a></p> <p>The Centre consists of the European partners which are drawn from 10 different countries across Europe, including 3 new EU members and one country pursuing closer relations with the EU (Ukraine). The 10 Indian partners (2 partners and 8 associates) come from various regions of India</p> <p>.</p> <p>The main goals:</p> <ol style="list-style-type: none"> <li>1. Launching an MA in Contemporary India Business and Politics (taught in English) using an interdisciplinary curriculum.</li> <li>2. Creating an academic network</li> <li>3. Developing research projects on contemporary India</li> <li>4. Dissemination of knowledge</li> <li>5. Creating of a multi-sectoral network/coalition</li> </ol> <p>Indo-Polish bilateral cooperation in science and technology is also executed through the <b>Agreement between the Indian National Science Academy (INSA) and the Polish Academy of Sciences (PAN)</b>, mainly through the exchange of scientists and common research. The latest agreement was signed in March 2012.</p>
<p><b>Innovation-related activities</b></p>	
<p><b>Student &amp; researcher mobility schemes</b></p>	<p>Based on case-be-case agreements of universities /institutes</p> <p>The agreement on cooperation in higher education is currently being negotiated. It will contribute to the exchange of students, academic teachers and scientists as well as help to encourage Indian</p>

	students to come to Poland for paid studies.
<b>Main initiatives and programmes</b>	Science – Calls for Proposals (bilateral exchange of scientists – explained in the first grid)
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	<p><i>Person to contact in the Embassy of the Republic of Poland in New Delhi</i></p> <p><b>Ms. Joanna Młynarczyk</b>  III Secretary, Economic section  Embassy of the Republic of Poland  50-M Shantipath, Chanakyapuri  New Delhi 110021</p> <p>Tel: +91 11 4149 6900 or 4149 6968  Fax: +91 11 2687 1914  e-mail: joanna.mlynarczyk@msz.gov.pl</p>

## PORTUGAL



<b>Cooperation framework (e.g. bilateral agreements)</b>	<p><u>1.Cooperation Agreement on S&amp;T</u> between the Indian Republic and the Portuguese Republic was signed in 3 December 1998, coming into force for successive periods of 5 years.</p> <p><u>Counterparts:</u> Ministers of Science and Technology of both countries</p> <p><u>Main forms of cooperation:</u> Exchange of S&amp;T information and documentation; exchange of scientist and specialists; R&amp;D joint programmes; joint conferences and seminars; reciprocal consultations on C&amp;T policy; S&amp;T outcome dissemination;</p> <p><u>Main cooperation areas:</u></p> <p><u>Committees:</u> <u>Joint Committee</u> , ordinarily meeting every 2 years.</p> <p>2. (1. was followed by a) <u>Memorandum of Understanding on Cooperation in the field of Sea S&amp;T</u>, signed in July 2001.</p> <p><u>Counterparts</u> Ministers of Science and Technology of both countries</p> <p><u>Main forms of cooperation:</u> Exchange of scientists, research workers and specialists; Exchange of S&amp;T information and documentation; exchange of scientist and specialists; R&amp;D joint programmes; joint conferences and seminars; reciprocal consultations on C&amp;T policy; S&amp;T outcome dissemination; supply of R&amp;D equipment and facilities;</p> <p><u>Main cooperation areas:</u> Ocean energy; Ocean dynamics and modelling; Oceanographic multidisciplinary studies; Remote sensing for Ocean Observation; environment quality, pollution and contamination processes; integrated coastal areas management; marine and eco-sensitive coastal areas; living and non living marine resources; underwater instrumentation and equipment; remotely operable and autonomous vehicles and systems for underwater</p>
--	--

	<p>exploitation and scientific research; sea bed mining;</p> <p><u>Committees:</u> Indo Portuguese Joint Committee on Ocean Science and Technological Cooperation, ordinarily meeting once a year</p>
<b>Priorities</b>	
<b>Joint research institutes / laboratories</b>	<p>Listed on the annexed file</p>  <p>List</p>
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	
<b>Main initiatives and programmes</b>	<p>3 Cooperation Programmes (POC), lasting 3 years each, following the launching of national calls to submit applications to research joint programmes (financial support to the travel costs of Portuguese researchers to India and Indian researchers to Portugal).</p>
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	<p>Application websites:</p> <p>Índia: <a href="http://www.dst.gov.in/whats_new/main_new.htm">http://www.dst.gov.in/whats_new/main_new.htm</a></p> <p>PT (Science and Technology Foundation): <a href="http://www.fct.pt/apoios/cooptrans/india/index.phtml.pt">http://www.fct.pt/apoios/cooptrans/india/index.phtml.pt</a></p>

## ROMANIA



<b>Cooperation framework (e.g. bilateral agreements)</b>	An agreement on Cooperation in Science and Tech was signed in 1993.
<b>Priorities</b>	Romania and India are currently under discussions regarding the convening of the Joint Commission for the technical and scientific cooperation and the signing of the new Programme of Cooperation in the field of Science and Technology.
<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	
<b>Main initiatives and programmes</b>	
<b>Trilateral or multilateral initiatives</b>	
<b>Further</b>	<i>Person to contact in the Embassy of Romania in India</i>

<b>information</b>	<p><b>Mr. Cristian Epure</b> Deputy Head of Mission Embassy of Romania A-47 Vasant Marg New Delhi 110 057</p> <p>Tel: +91 11 2614 0447 Fax: +91 11 2614 0611 Email: <a href="mailto:embrom@airtelmail.in">embrom@airtelmail.in</a></p>
--------------------	--

## SLOVAKIA



<b>Cooperation framework (e.g. bilateral agreements)</b>	Agreement between the Government of the Slovak Republic and the Government of the Republic of India on cooperation in science & technology <u>(Bratislava, October 9, 1996)</u>
<b>Priorities</b>	
<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	SAIA, n. o. (Slovak Academic Information Agency) is a non-governmental non-profit organisation implementing programmes and providing services aimed at enhancement of civil society, and assisting in internationalisation of education and research in Slovakia since 1990.
<b>Main initiatives and programmes</b>	
<b>Trilateral or multilateral initiatives</b>	
<b>Further information</b>	<a href="http://www.saia.sk/en/">http://www.saia.sk/en/</a>

## SLOVENIA



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<ul style="list-style-type: none"> <li>• The legal basis for the cooperation between Slovenia and India in the field of science and technology is the Memorandum of Understanding between the Ministry of Science and Technology of the Republic of Slovenia and the Ministry of Science and Technology of the Republic of India, signed in 1993 and 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 1995 in New Delhi.</li> <li>• The joint Indo-Slovenian Scientific and Technological Cooperation Committee on Scientific and Technological cooperation convenes every two years and is responsible for approving jointly funded projects for the following two years (biannual cooperation program). The funding in most cases covers only the exchange of personnel for up to 14 days. The last, 3<sup>rd</sup> meeting of the joint committee was held in Ljubljana in November 2010. The counterparts on both sides are the ex. Ministry of Higher Education, Science and Technology of the Republic of Slovenia<sup>2</sup> and the Ministry of Science and Technology of the Republic of India.</li> </ul>
<p><b>Priorities</b></p>	<ul style="list-style-type: none"> <li>• The "Research and Innovation Strategy of Slovenia 2011-2020" aims to exceed mere mobility in the framework of bilateral cooperation and upgrade it by 2020, with special regards to the priority countries defined in Slovenia's foreign policy. It as well explicitly states that bilateral cooperation will be directed towards BRIC countries (Brazil, Russia, India and China), that are becoming new world centers of R&amp;D.</li> <li>• Slovenia strongly supports the set priorities of the Strategic Forum for International S&amp;T Cooperation- SFIC (Configuration of EU Council) which defines a strategic way to approach India in the domain of R&amp;D.</li> <li>• The priority fields of bilateral cooperation between India and Slovenia for the period 2011 -2013 are as follows:  Engineering and Manufacturing Technologies, Health and Biomedical Science, Metal Science and New Materials,</li> </ul>

<sup>2</sup> Today the Ministry of Education, Science, Culture and Sport

	Polymer Chemistry, Mathematics, Electronics, Alternate Renewable Energy Sources including Solar Energy, Food Technology and any other area of interest
<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	
<b>Student &amp; researcher mobility schemes</b>	<ul style="list-style-type: none"> <li>• <b>EURAXESS Slovenia (Research positions &amp; fellowships in Slovenia; advice and support on mobility to the country)</b> <a href="http://www.euraxess.si/en/index.aspx">http://www.euraxess.si/en/index.aspx</a></li> <li>• <b>Human resources development and scholarship fund</b> - The Fund is now the central national management institution for scholarships and development of human resources and offers scholarships for study and research, increases international mobility of students and researchers, provides financial incentives to employers for development of human resources, awards excellence as well as provides up-to-date information and helps build a network for minimizing obstacles to mobility of students, researchers and employees <a href="http://www.sklad-kadri.si/en/">http://www.sklad-kadri.si/en/</a></li> <li>• <b>Young Researchers Programme</b> - Finances postgraduate study and research training for young researchers in Slovenia (Slovenian Research Agency); Agency finances young researchers pay, social contributions, as well as material and non-material costs for research and postgraduate study. <a href="http://www.arrs.gov.si/en/mr/kontakti.asp">http://www.arrs.gov.si/en/mr/kontakti.asp</a></li> </ul> <p><b>Co-financing of doctoral studies in Slovenian Universities</b></p>
<b>Main initiatives and programmes</b>	<ul style="list-style-type: none"> <li>• Joint calls ( bilateral cooperation)</li> </ul>

<b>Trilateral or multilateral initiatives</b>	<ul style="list-style-type: none"> <li>• Slovenian and Indian researchers are jointly collaborating in 8 projects of the EU 7<sup>th</sup> Framework programme for RTD.</li> <li>• Although India is not a member of the EU programme COST (European Cooperation in Science and Technology), Slovenian and Indian researchers are presently collaborating in 3 COST actions and in an additional 2 concluded COST actions.</li> </ul>
<b>Further information</b>	<p>The Research and Innovation Strategy of Slovenia 2011-2020:  <a href="http://www.mvzt.gov.si/fileadmin/mvzt.gov.si/pageuploads/pdf/odnosi_z_javnostmi/01.06.2011_dalje/01.06. RISSdz_EN G.pdf">http://www.mvzt.gov.si/fileadmin/mvzt.gov.si/pageuploads/pdf/odnosi_z_javnostmi/01.06.2011_dalje/01.06. RISSdz_EN G.pdf</a></p> <p>The Slovenia research agency – bilateral cooperation with India (in Slovenian):  <a href="http://www.arrs.gov.si/sl/medn/dvostr/drzave/Indija/">http://www.arrs.gov.si/sl/medn/dvostr/drzave/Indija/</a></p>

## SPAIN



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<ul style="list-style-type: none"><li>• <b>Memorandum of Understanding (MoU)</b> for cooperation in the field of Science and Technology, signed in June 2007 between the Spanish Ministry of Education and Science and the Ministry of Science and Technology of India.</li><li>• <b>Indo-Spanish Joint Programme (PoC) for the Scientific and Technological Co-operation</b> signed between the former Ministry of Science and Innovation of Spain (MICINN), now Ministry of Economy and Competitiveness (MINECO), and the DST (Department of Science and Technology, Ministry of Science and Technology of India)<ul style="list-style-type: none"><li>- Date of signature: January 2009, renewed in 2011 for 3 years more.</li><li>- Objective: to co-finance bilateral research projects; reinforce the cooperation between researchers of India and Spain, facilitate the mobility of researchers between both countries and to organise bilateral scientific workshops.</li><li>- Thematic Areas: Biotechnology and Life Sciences; Health; ITC; Renewable Energies; Nanotechnology; Food Processing and Agriculture Technologies.</li><li>- Results:<p><u>Research projects:</u> in the first call, published in 2009, 25 of 140 projects passed the evaluation, with a total funding of 2M€ by each country; in 2011, 18 proposals of 90 were approved, with a total funding of 1,6M€ per country. All the projects have a duration of 3 years.</p><p><u>Workshops:</u> June 2010, DST and the MICINN organised a workshop on Information Technology &amp; Computer Science in Bangalore (India). It included visits to Indian research centres.</p><p>March 2011, Scientific Workshop on Renewable Energies in Seville, Spain, organised by MICINN and DST. November 2011, Workshop on Health and Medical Research in New Delhi (more information in the "Innovation Related Activities" section).</p></li></ul></li></ul>
---	--

Research visits: Partners working on the ongoing bilateral projects have paid short visits to their counterparts, in both directions. Several pre- or post-doctoral students have stayed for longer periods (months) in their partner's lab.

- **ERAnet New Indigo** (FP7 INCO project):  
In 2010, the MICINN became observer in the ERAnet New Indigo, funding multilateral calls in 2010 and 2011 on the following thematic areas: Health and Biotechnology; Wastewater Treatment and Green Chemistry applied to water purification. The calls under the ERAnet with Indo-Spanish participation have been:
  1. Indian partner: DBT. Call 2010. Out of 13 projects selected for multilateral funding, 6 count with Spanish partners who received a collective funding of 180.000 €. Thematic Area: Health and Biotechnology.
  2. Indian partner: DST. Call 2011. Spanish research teams participate in all 9 selected projects. Total Spanish funding was 400.000 €. Thematic Areas: Wastewater Management and Green Chemistry applied to Water Purification
  3. Indian partner: DBT. Call in December 2011. Out of 35 applications invited to present a full proposal, Spanish teams participate in 15 of them. Currently under evaluation. Thematic Area: Biotechnology applied to Human Health.
  
- **MoU between the Spanish National Research Council (CSIC) and the Indian Institute of Science, Bangalore (IISc).**
  - Date of Signature: June 2009
  - Objective: develop joint Postgraduate Programmes on Mathematics and Astrophysics.
  
- **MoU on Technology Co-operation signed between the Technology Development Board – TDB (Ministry of Science and Technology) of India and the Centre for the Development of Industrial Technology 3<sup>rd</sup> July 2006.**
  - Date of Signature: 3<sup>rd</sup> July 2006 (extended by mutual consent for a 3 year period in June 2009).

	<ul style="list-style-type: none"> <li>- Objective: promote, assist and fund the development of joint technology co-operation and/or technology transfer projects between entities from India and Spain through the India &amp; Spain Innovating Programme (ISIP). The ISIP Programme promotes joint technology co-operation projects between India and Spain via industrial research, technological development and innovation. Co-operation projects should involve at least one qualified partner from each country. Industry-driven and market-oriented R&amp;D projects. Submission of project proposals not subject to deadlines (Open Call throughout the year). The ISIP Programme works as per the principle of decentralized financing.</li> <li>- Results: 8 projects have been certified under the ISIP Programme with a total budget of 11,3 million euro in sectors such as chemistry, human health, machine-tools, low voltage technologies and ICT, among others.</li> <li>- Thematic Areas: opened to any area of mutual interest and for the purpose of generating economic benefits for the partners. Despite this, following thematic areas have been identified as thrust sectors for Indo-Spanish Technology Co-operation under the ISIP Programme: Biotechnology, Information and Communication Technologies, Space Applications, Food Processing, Renewable Energies, Manufacturing Technologies.</li> <li>- Implementing Agencies: a) The Centre for the Development of Industrial Technology – CDTI - , Ministry of Economy and Competitiveness, Spain; b) The Technology Development Board – TDB -, Department of S&amp;T, Ministry of Science and Technology, India.</li> <li>- Last Steering Committee Meeting held in November 2011. Final Progress Report of Cooperation Activities on a yearly / biannual basis.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Indo-Spanish Joint Programme (PoC) for Technological Co-operation in the field of Biotechnology.</b> <ul style="list-style-type: none"> <li>- Date of Signature: 22<sup>nd</sup> November 2011.</li> <li>- Objective: promote and fund innovation-driven research and technology development as well as to</li> </ul> </li> </ul>
--	---

	<p>encourage partnerships and business-led R&amp;D&amp;I collaborative projects in the field of biotechnology.</p> <ul style="list-style-type: none"> <li>- Foreseen Activities: Calls for Joint Technological Co-operation Projects (first Call June 2012); Partner search and support for building up consortia and alliances; awareness raising and promotion; organization of research and business delegations.</li> <li>- Thematic Areas: All areas of biotechnology e.g. health biotechnology, industrial biotechnology, nanobiotechnology, agro-biotechnology, including biofuels and bioenergy.</li> <li>- Implementing Agencies: a) The Centre for the Development of Industrial Technology – CDTI - , Ministry of Economy and Competitiveness, Spain; b) The Department of Biotechnology – DBT - , Ministry of Science and Technology, India.</li> <li>- Recent Agreement. No Steering Committee Meeting held so far.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Indo-Spanish Joint Programme (PoC) for Technological Co-operation in the field of Renewable Energies.</b> <ul style="list-style-type: none"> <li>- Date of Signature: 23<sup>rd</sup> November 2011.</li> <li>- Objective: promote and fund innovation-driven research and technology development as well as to encourage partnerships and business-led R&amp;D&amp;I collaborative projects in the field of renewable energy.</li> <li>- Foreseen Activities: Calls for Joint Technological Co-operation Projects (first Call June 2012); Partner search and support for building up consortia and alliances; awareness raising and promotion; organization of research and business delegations.</li> <li>- Thematic Areas: Opened to all areas in the field of renewable energy, e.g. solar photovoltaic and solar thermal energy, wind energy, hydrogen energy and fuel cells, battery operated and hybrid vehicles, geothermal energy, tidal energy, hybrid renewable energy technologies, energy storage systems.</li> </ul> </li> </ul>
--	--

	<ul style="list-style-type: none"> <li>- Implementing Agencies: a) The Centre for the Development of Industrial Technology – CDTI – , Ministry of Economy and Competitiveness, Spain; b) The Ministry of New and Renewable Energy – MNRE – , India.</li> <li>- Recent Agreement. No Steering Committee Meeting held so far.</li> </ul>
<b>Priorities</b>	<p>The Ministry is willing to continue its collaboration with India on the thematic areas already mentioned. A further collaboration with the DBT (Department of Biotechnology of the Indian Ministry of Science and Technology) is being studied.</p> <p>CDTI’s strategy is to bring to a higher level the existing technological co-operation with India, devising new avenues for enhancing innovation-driven and market-oriented R&amp;D co-operation with India</p> <p>CDTI has recently signed with counterpart agencies in India 2 PoCs for promoting and financing innovation driven research and technological development in the fields of biotechnology and renewable energy.</p>
<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	<p>The Centre for the Development of Industrial Technology – CDTI – is a public entity under the Ministry of Economy and Competitiveness charged to promote business R&amp;D and innovation and raise the Spanish Companies’ technological level by financing their R&amp;D&amp;I projects, both at national and international level. It is Spain’s National Industrial R&amp;D Agency.</p> <p>CDTI has a Representative at the Embassy of Spain in New Delhi since 2006. The main objective is to reinforce the services offered to Spanish companies interested in India and also facilitate interaction with Indian public bodies, Government, research institutions, companies and other R&amp;D</p>

performing organizations.

In collaboration with the National Contact Point for India in CDTI and the Department of International Technology Cooperation Programmes, the following actions are currently being implemented and following services rendered.

- Expanding network of agreements and programmes for promoting industry-driven and market oriented R&D projects in focus sectors (biotechnology, renewable energy) between India and Spain. (Please refer to Co-operation Framework paragraph).
- Organization of technology business delegations and matchmaking sessions in focus sectors (renewable energy, water-related technologies, biotechnology,..).
- Support in partner search and building up consortia for R&D collaborative projects under bilateral or multilateral schemes (Proposals under the 7FP opened to ICPC or Coordinated Calls between EU and India).
- Support in partner search for tech projects / commercialization of technologies / technology based JVs
- Identification of technology opportunities for Spanish companies in / with India (technology procurement/tenders/national & Indian R&D funding schemes).
- Create Awareness on the technology capabilities / strengths of the Spanish companies in India and on the R&D financing schemes existing at the bilateral (Spain-India) and multilateral level (EU - India) for S&T Co-operation with India

**Priority Sectors identified for Indo-Spanish Technological Co-operation**

- Energy and Climate Change
- Water-related technologies
- Biotechnology
- Health
- Agro-Food Technologies
- Aerospace Applications
- IT and ITes
- Manufacturing Technologies / Green Manufacturing

	<p><u>Spain participated as sole Partner Country at the 17<sup>th</sup> edition of the Technology Summit and Technology Platform organized by the Department of Science and Technology of India and the Confederation of Indian Industries.</u></p> <p>Theme of the Summit: "Fostering Indo-Spanish S&amp;T and Business Co-operation to address Socio Economic Challenges"</p> <p><i>Thematic Areas: Renewable Energy, Water-related technologies, biotechnology, Medical Sciences</i></p> <p>Dates and Venue: 22-24 November, 2011 in New Delhi</p> <p>Organizers: a) SPAIN: Ministry of Science and Innovation, The Centre for the Development of Industrial Technology and the Spain India Council Foundation; b) INDIA: Department of Science and Technology, Confederation of Indian Industries</p> <p>A large Spanish delegation of more than 100 companies, research institutes and institutional representatives took part in the event. As part of the delegation leading companies and research institutes in the fields of the Summit (Companies: Abengoa, Gamesa, Indra, Cadagua, 2B Black Bio, Progenika Biopharma; R&amp;D Institutions: Solar Platform of Almería, CSIC, CIEMAT, CENER, Fundación Cartif,..)</p> <p>Around 435 delegates from Government, Research Institutes and Companies from India participated at the 17<sup>th</sup> edition of the Technology Summit</p> <p>512 focussed B2B meetings organized between Indian and Spanish organizations. As a result more than 170 Expressions of Interest between Spanish and Indian organizations were signed.</p> <p>22 Spanish organizations and 12 Indian showcased their activities and products at the exhibition sector.</p> <p>An Indo-Spanish Scientific Workshop on Health Research and Medical Sciences where 19 scientists from Spain and India participated, was also part of the Technology Summit Programme.</p>
<p><b>Student &amp; researcher mobility schemes</b></p>	<ul style="list-style-type: none"> <li>• The Alliance of the 4 Universities (composed by Universidad Autónoma de Madrid + Universidad Carlos III de Madrid + Universidad Autónoma de Barcelona + Universidad Pompeu Fabra) have signed in 2010 an</li> </ul>

agreement with 6 Indian universities for promoting the mobility of students and researchers. Up to now, 39 exchange students, researchers and professors exchange programmes have taken place.

<http://www.alliance4universities.eu/a4u/en>

- Research Excellence Programme Universidad Santiago de Compostela (USC) – India (PEIN), has launched in 2012 a call for stays (from 2 to 3 years) in the USC for 80 leading researchers from India and integrate them temporarily into the USC’s research group.

[http://www.usc.es/en/gobierno/vrrelins/portal\\_internacional](http://www.usc.es/en/gobierno/vrrelins/portal_internacional)

- Exchange of post-doc, professors and researchers as part of the project NARILAR (from 1<sup>st</sup> April 2011 to 31<sup>st</sup> March 2015), under the European Programme PEOPLE (Marie Curie) between Universitat Rovira I Virgil (SPAIN), University of Lisbon, IIT Madras and NCL Pune. In 2011, 4 stays of 1 month in NCL Pune and IIT Madras and 2 stays of 3 months in Universitat Rovira I Virgil. In 2012 (so far 1 stay of 1 month duration at Universitat Rovira I Virgil by IIT Madras student and 1 stay of 1 month duration of professor of Universitat Rovira I Virgil at IIT Madras).

Universitat Rovira I Virgil, Spain has recently signed another agreement with Anna University for mobility and exchange of post-docs, professors and researchers.

[http://www.urv.cat/en\\_index.html](http://www.urv.cat/en_index.html)

- In February 2011, the University Fair took place in New Delhi. 19 Spanish universities participated with the goal of attracting Indian students and researchers. The Fair was organised by Fundación Universidad.es, the Instituto Cervantes and the ICEX (Spanish Institute of Foreign Trade).
- Secretariat of State for Research, Development and Innovation, Spanish Ministry of Economy and Competitiveness.

- Facilitate recruitment and incorporation of PhD graduates, technologists to technology and innovation

	<p>centres, S&amp;T parks, subsidiaries of Spanish companies abroad.</p> <p><a href="http://www.idi.mineco.gob.es/portal/site/MICINN/">http://www.idi.mineco.gob.es/portal/site/MICINN/</a></p> <ul style="list-style-type: none"> <li>• Spanish Ministry of Education, Culture and Sport: <ul style="list-style-type: none"> <li>- Mobility Programme for Sabbatical Stays for senior and foreign professors and researchers at Spanish Institutions.</li> <li>- Mobility Programme for Stays of Young PhD Students in Spanish Centres</li> <li>- Mobility Stays for senior Spanish professors and researchers in foreign centres or as an exception Spanish centres.</li> <li>- Mobility Stays "Jose Castillejo" of young PhD students in foreign Centres.</li> <li>- Subprogramme for Postdoctoral Mobility in Foreign Centres.</li> </ul> </li> </ul> <p><a href="http://www.educacion.gob.es/educacion/becas-y-ayudas.html">http://www.educacion.gob.es/educacion/becas-y-ayudas.html</a></p> <ul style="list-style-type: none"> <li>• Grants of the Spanish Agency for International Cooperation and Development (MAEC-AECID) for studies in Spain and abroad for Foreign and Spanish Nationals.</li> </ul> <p><a href="http://www.aecid.es/es/convocatorias/becas/becas/becas_extranjeros1">http://www.aecid.es/es/convocatorias/becas/becas/becas_extranjeros1</a></p> <p><b>For research positions and fellowships in Spain:</b></p> <p><a href="http://www.euraxess.es">www.euraxess.es</a></p>
<p><b>Main initiatives and programmes</b></p>	<ul style="list-style-type: none"> <li>• India &amp; Spain Innovating Programme – jointly managed by the Centre for the Development of Industrial Technology, Spain and the Technology Development Board of India.</li> </ul> <p>The ISIP Programme promotes joint technology cooperation projects between India and Spain via industrial research, technological development and innovation. Cooperation projects should involve at least. Industry-driven and market-oriented R&amp;D projects. Submission of project proposals not subject to deadlines (Open Call throughout the year). The ISIP Programme works as per</p>

	<p>the principle of decentralized financing. At least one qualified partner from each side is required, meaning a company from Spain and an entity from India (company, research institute or other R&amp;D performing organization).</p> <p>8 projects have been certified under the ISIP Programme with a total budget of 11,3 million euro in sectors such as chemistry, human health, machine-tools, low voltage technologies and ICT, among others. Opened to any area of mutual interest and for the purpose of generating economic benefits for the partners. Despite this, following thematic areas have been identified as thrust sectors for Indo-Spanish Technology Co-operation under the ISIP Programme: Biotechnology, Information and Communication Technologies, Space Applications, Food Processing, Renewable Energies, Manufacturing Technologies</p> <ul style="list-style-type: none"> <li>• Joint Calls for Proposals to be launched in June 2012 in the fields of biotechnology (with the Department of Biotechnology, India) and renewable energy (with the Ministry of New and Renewable Energy, India). Type of Proposals: Industry-driven and market oriented R&amp;D projects. Joint technological co-operation projects between researchers and companies in India and companies in Spain consisting in the development or substantial improvement of new products/processes or services.</li> </ul>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Spain is participating in the Eranet NEW INDIGO (FP7 INCO project)</p>
<p><b>Further information</b></p>	<p><b>Ministry of Economy and Competitiveness (MINECO)</b>  <a href="http://www.mineco.es">www.mineco.es</a></p> <p>Ms. Cristina Bauluz  Head of Area for Asia-Pacific  Albacete, 5 – 5ª norte  28027 Madrid - Spain  E-mail: <a href="mailto:cristina.bauluz@mineco.es">cristina.bauluz@mineco.es</a></p> <p><b>The Centre for the Development of Industrial Technology (CDTI)</b>  <a href="http://www.cdti.es">www.cdti.es</a></p>

Mr. Ricardo Rubianes  
National Contact Point for India  
Centre for the Development of Industrial Technology  
C/Cid 4, 28001 – Madrid, Spain  
Phone: +34 91 581 55 00  
E-mail: [jsi@cdti.es](mailto:jsi@cdti.es)

**Embassy of Spain in New Delhi, India.**

Mr. Adrián Gutiérrez  
Chief Representative of CDTI - INDIA  
Head of the Science and Technology Department  
Embassy of Spain  
12, Prithviraj Road, New Delhi – 110 003, India  
Phone: +91 4129 3000  
Fax: +91 4129 3020  
E-mail: [adrian.gutierrez@cdti.es](mailto:adrian.gutierrez@cdti.es)

## SWEDEN



<b>Cooperation framework (e.g. bilateral agreements)</b>	<p>An Agreement between the Government of the Kingdom of Sweden and the Government of the Republic of India on cooperation in the fields of science and technology was signed in 2005 and covers all the fields of science and technology.</p> <p>Ministry of Science &amp; Technology of the Government of the Republic of India from the Indian side and with the Ministry of Education, Research and Culture of the Government of the Kingdom of Sweden on the Swedish side. A Steering Committee meeting is organised every year alternately in Sweden and India.</p> <p>The first Protocol of Cooperation in the field of S&amp;T was signed in 2007 and a new agreement in 2010 by the Swedish Governmental Agency for Innovation Systems (VINNOVA) and the Department of Science &amp; Technology (DST), Government of India.</p> <p>VINNOVA and DST had a call for joint research projects in the field of Embedded systems in 2010. Six 3 year projects were selected for funding and have started their work.</p> <p>A Programme of Cooperation between the Department of Biotechnology (DBT) and VINNOVA was signed in 2007.</p> <p>Areas for cooperation are:</p> <ul style="list-style-type: none"><li>- Medical biotechnology – Infection, Cardiovascular, Metabolic, Cancer</li><li>- Innovative food</li><li>- Bio devices and bioengineering</li><li>- Environmental technology</li></ul> <p>A call for joint research projects on Biology, Diagnosis and Treatment of Tuberculosis was opened in 2008 and four joint 3-years projects were selected for funding and started their work in mid 2009. The projects' progress was reviewed in May 2012.</p> <p>VINNOVA and the Department of Information Technology (DIT) had a call for joint research projects in e-Health in 2008 and in this programme two 3-year projects were selected for funding and have started</p>
--	--

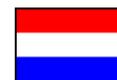
	<p>their work in mid 2009.</p> <p>Sweden and India have also signed agreements in other areas in which opportunities for research and innovation cooperation are being explored, e.g.</p> <ul style="list-style-type: none"> <li>• 2009 Healthcare and Public Health</li> <li>• 2009 Environment</li> <li>• 2010 Renewable Energy</li> </ul> <p><b>FAS calls for proposals to explore future research co-operation with India</b></p> <p>FAS, the Swedish Council for Working Life and Social Research, calls for proposals for arranging workshops/hearings to explore future research co-operation with India. Deadline for submission is 19 June 2012.</p> <p><a href="http://www.fas.se/en/Calls-for-proposals/Open-calls/India-workshopshearings/">http://www.fas.se/en/Calls-for-proposals/Open-calls/India-workshopshearings/</a></p>
<b>Priorities</b>	<p>Although there is no national strategy, there is a great interest, demonstrated by ample activity under the government agreements. In addition there is great interest among universities and research institutes in Sweden to enhance S&amp;T collaboration with Indian institutions and researchers and many times individual institutions have agreements with Indian counterparts. The number of joint publications is growing and is almost amounting to 300 articles per year (Web of Science).</p>
<b>Joint research institutes / laboratories</b>	<p>None</p>
<b>Innovation-related activities</b>	<p>Development of innovation partnerships is highly prioritized and is explored, e.g. under the ministerial agreements. Seminars, workshops, and delegation visits have been arranged to strengthen innovation partnership between Swedish and Indian actors. The Swedish Embassy arranges an annual cross-sectorial event, "Swedish-India Nobel Memorial Week" bringing together people from research, industry, government from Sweden and India under the overarching theme of Innovation.</p>
<b>Student &amp; researcher</b>	<p><b>Swedish Institute (SI)</b> SI administers over 500 Scholarship programs,</p>

<p><b>mobility schemes</b></p>	<p>searchable at the "Study In Sweden" web site:  <a href="http://www.studyinsweden.se/">http://www.studyinsweden.se/</a></p> <p><b>FAS, the Swedish Council for Working Life and Social Research, international postdoc scheme, COFAS</b> The purpose of the fellowships is to give researchers within FAS' areas of responsibility the possibility to spend up to 36 months at a foreign research institution. The programme consists of two types of grants: FAS Outgoing International Postdoc fellowships (FOIP) and FAS Incoming International Postdoc fellowships (FIIP). Researchers in possession of a PhD exam obtained during the last 5 years. For more information: <a href="http://cofas.fas.se/en/">http://cofas.fas.se/en/</a></p> <p><b>Formas mobility support for young scientists</b>  <b>Outline</b> The purpose is to encourage young researchers to broaden their horizon and visit other research environments different from the one where they got their doctoral degree.  <b>Organisation</b> Swedish Research Council Formas  <b>Nationalities</b> Applicants must be employed by a Swedish university or college  <b>Duration</b> Up to three years  <b>What is funded</b> Salary and travel expenses  <b>Research fields</b> Environment, Agricultural Sciences, Building Sciences and Spatial Planning  <b>Career stage</b> Younger post-doctoral researchers. The person concerned must have been awarded her/his doctoral degree within the previous three years  <b>Others</b> Annual call.  <b>Web page</b> <a href="http://www.formas.se/">http://www.formas.se/</a></p> <p><b>Linnaeus-Palme Programme</b>  <b>Outline</b> Exchange programme for teaching staff and students at university first-cycle (undergraduate) and second-cycle (graduate) level that aims to strengthen Swedish educational institutions' cooperation with universities in developing countries in order to expand and increase global contacts within higher education. The Swedish department is responsible for the project and only Swedish universities can apply.  <b>Organisation</b> International Programme Office for Education and Training  <b>Nationalities</b> Swedish an other nationalities like Indian.  <b>Duration</b> Project: 8 years, teacher exchange: 3-8 weeks, student exchange: 12-40 weeks</p>
--------------------------------	---

	<p><b>What is funded</b> For teachers: Travel expenses economy ticket and daily subsistence allowance according to the Swedish National Tax Board's rules</p> <p><b>Research fields</b> No research, only teaching. The programme is open to all subject areas.</p> <p><b>Web page</b> <a href="http://www.programkontoret.se/">http://www.programkontoret.se/</a></p> <p><b>Study in India Program</b> The Nordic Centre in India has an agreement with the University of Hyderabad and its <a href="#">Study India Program</a> that enables 15 Nordic students to go to Hyderabad to study there for a full semester. The aim of the agreement is to allow Nordic students to study India <i>in India</i>, to give them both a sound academic knowledge of India as well as the experience that only can be gained by living there.</p> <p><b>Web page:</b> <a href="http://www.nci.uu.se/semester_programme.php">http://www.nci.uu.se/semester_programme.php</a></p>
<p><b>Main initiatives and programmes</b></p>	<p>Joint calls under the agreements as has been described above.</p>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Swedish researchers are actively participating in FP7 funded multilateral collaborative projects involving Indian researchers.</p>
<p><b>Further information</b></p>	<p><b>Swedish Council for Working Life and Social Research:</b> <a href="http://www.fas.se/en/">http://www.fas.se/en/</a></p> <p><b>Swedish Research Council Vetenskapsrådet:</b> <a href="https://www.vr.se/inenglish">https://www.vr.se/inenglish</a></p> <p><b>The Swedish Research Council Formas:</b> <a href="http://www.formas.se/default_529.aspx">http://www.formas.se/default_529.aspx</a></p> <p><b>VINNOVA, the Swedish Governmental Agency for Innovation Systems:</b> <a href="http://www.vinnova.se/en/">http://www.vinnova.se/en/</a></p> <p><b>Swedish South Asian Studies Network:</b> <a href="http://www.sasnet.lu.se/">http://www.sasnet.lu.se/</a></p> <p><b>Nordic Centre in India:</b> <a href="http://www.nci.uu.se/">http://www.nci.uu.se/</a></p> <p><b>The Office of Science and Innovation at the Embassy of Sweden in New Delhi:</b> <a href="http://www.swedenabroad.com/en-GB/Embassies/New-Delhi/Business/Science-and-Technology/">http://www.swedenabroad.com/en-GB/Embassies/New-Delhi/Business/Science-and-Technology/</a></p>

	Person to contact at the Swedish Embassy in India: Dr. Andreas Muranyi Scheutz Science and Technology Counsellor Office of Science and Innovation +91 11 44 19 71 34 <a href="mailto:andreas.muranyi@foreign.ministry.se">andreas.muranyi@foreign.ministry.se</a>
--	--

## THE NETHERLANDS



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>The current collaboration between the Netherlands Ministry of Economic Affairs, Agriculture and Innovation and the Indian Ministry of Science and Technology was formalized through a MoU on ministerial level in 2008. Our collaboration under the MoU is open to bilateral R&amp;D projects, exchange of scientific information, researchers and technical experts, organization of bilateral meetings and joint use of research facilities.</p> <p>Coordination under the MoU is through a joint committee meeting, which is organized once a year at DG/Secretary level. Hosting of the meeting alternates between the Netherlands and India.</p> <p>Four priority areas have been defined: Water, New and Renewable Energy, Life science and Health, Food and Nutrition.</p> <p>2009 saw the creation of two programs of cooperation under the MoU. One with DST and the Dutch Innovation funding agency NL focused on Industrial R&amp;D and one between DST and The Netherlands Organization for Scientific Research (NWO) focused on joint scientific research.</p> <p>In 2011 One additional PoC has been added to the MoU focused on joint projects with the Department For Biotechnology DBT. The topics for collaboration under the PoC include: Plant sciences and Related Biotechnology, Life sciences and Health and Food &amp; Nutrition.</p>
<p><b>Priorities</b></p>	<p>The general shift in innovation policy in the Netherlands towards an increasing emphasis on public private partnerships is also apparent in our bilateral cooperation with India. Two of our PoC's under the MoU on science and technology have this emphasis. Moreover, it is also a focus in the Dutch India Water Alliance for Leadership Initiative (DIWALI)</p>

<b>Joint research institutes / laboratories</b>	
<b>Innovation-related activities</b>	Innovation through Public Private Partnerships are a focus of the collaboration we would like to start with DBT under the Program of Cooperation signed in November 2011.
<b>Student &amp; researcher mobility schemes</b>	<p><b>Visitors Travel Grant (NWO)</b>  Researchers in the Netherlands can apply for a visitors grant for the benefit of highly qualified foreign senior researchers holding a PhD for a stay of a maximum duration of 12 months.</p> <p><b>Innovational Research Incentives Scheme (NWO)</b>  The Innovational Research Incentives Scheme has been set NWO, KNAW and the Dutch universities. The aim is to promote innovation in the academic research field. The scheme is directed at providing encouragement for individual researchers and gives talented, creative researchers the opportunity to conduct their own research programmed independently and promote talented researchers to enter and remain committed to the scientific profession. The program is open to people of any nationality.</p> <p><b>Netherlands Fellowship Programme (Nuffic)</b>  The Netherlands Fellowship Programme (NFP) is designed to promote capacity building within organizations in 61 countries by providing training and education to mid-career staff.</p>
<b>Main initiatives and programmes</b>	Joint calls.
<b>Trilateral or multilateral initiatives</b>	The Netherlands Organization for Scientific Research NWO is a participant in New Indigo. NWO also participates in the multilateral European-Indian Research Networking Programme In social science with the ICSSR.

<b>Further information</b>	<a href="http://www.hollandinindia.org">www.hollandinindia.org</a> <a href="http://www.nuffic.nl/international-students/">http://www.nuffic.nl/international-students/</a> <a href="http://www.nwo.nl">www.nwo.nl</a> <a href="http://www.agentschapnl.nl">www.agentschapnl.nl</a>

## UNITED KINGDOM



<b>Cooperation framework (e.g. bilateral agreements)</b>	<ul style="list-style-type: none"><li>• The India-UK <b>Science and Innovation Council</b> is a joint ministerial bilateral forum between the UK and India designed to take forward bilateral engagement in science, technology and innovation. It meets biennially to provide strategic direction to the science and innovation partnership between the two countries. Its terms of reference are <b>“to develop further a strategic science, technology and innovation bilateral relationship and agree vehicles to enhance cooperation in areas of mutual interest”</b>.</li></ul> <p>The creation of the Council was agreed in 2005 in the context of the India-UK joint Declaration towards ‘Towards a new and dynamic partnership’ signed by both Prime Ministers in 2004, in order to enhance the existing collaboration in science, technology and innovation. The first meeting was held in London (June 2006). The UK’s Department for Business, Innovation and Skills and India’s Department of Science and Technology take the lead, but other key research and innovation organisations play a role, attend meetings and implement the outcomes.</p> <p>The formal UK-India agreement dates from 1996</p> <ul style="list-style-type: none"><li>• The UK-India Education and Research Initiative (UKIERI), the flagship UK-Indian programme of collaboration in recent years, in its first phase, 2006-11 committed almost £25m to support almost 500 partnerships between institutions in both the countries. The new phase of the programme funded by both Governments started in April 2011 till 2016. This new phase of the programme will build on existing UKIERI programmes and be comprised of 4 strands of education collaboration covering Leadership, Higher Education, Skills, and Building Harmony and Enhancing Mobility. A MoU has been agreed with DST to fund institutional partnerships on jointly agreed themes.</li><li>• UK’s Royal Society and India’s Department of Science and Technology have a funding for joint scientific seminars. This includes funding the organisation of a small 3-day scientific meeting to bring together groups of mid-career scientists from India and the UK for the purpose of scientific discussion, to promote collaboration and</li></ul>
--	--

	<p>knowledge transfer by encouraging interaction within the wide research community. These scientific meetings would take place in either the UK or India.</p> <ul style="list-style-type: none"> <li>• Wellcome Trust and Indian Department of Biotechnology have a five year, £80m initiative in 2008 to strengthen Indian biomedical sciences through a series of fellowship programmes, supporting the most promising researchers at three specific career stages. A new £45m initiative, 'R&amp;D for affordable health care' built on this alliance has been announced in Delhi during the UK Prime Minister's visit to India, July 2010. The new R&amp;D for Affordable Healthcare initiative will support research and development projects aimed at delivering safe and effective healthcare products on a large scale at affordable costs.</li> <li>• The Research Councils UK office in Delhi (RCUK India) leads on developing agency to agency/ department collaboration and has developed several jointly funded programmes with them in areas including fuel cells, solar energy, technologies to bridge urban-rural divide, next generation networks, chronic diseases, changing water cycle and nuclear research. The RCUK India office was set up in Delhi in 2008. In the same year, RCUK and the Indian Department of Science &amp; Technology jointly funded three 'Science Bridges' to facilitate innovation from existing research.</li> <li>• UK's Department for International Development (DFID) set up its first and so far only overseas Research and Evidence Hub for South Asia in New Delhi in 2010. The office works closely with research partners in the region to improve use of evidence, new development research, support capacity building, new partnerships to support research aimed at solving regional and global problems.</li> <li>• UK's Ministry of Defence (DSTL) has a letter of agreement (2011) with Indian Defence Research organisation (DRDO) to conduct research, technology development and testing of defence related technologies.</li> <li>• The UK Space Agency and Indian Space Research organisation signed a MoU in 2011 to fund activities including access to the facilities, launch of satellites and trainings.</li> <li>• The UK Intellectual Property Office has an IP Attache`</li> </ul>
--	--

	<p>based in the British High Commission this year, with an objective to develop some model contracts and guidance that could be used in UK-India collaborations. These models will also reflect the current legal framework and what the Courts in both countries will accept as a contract.</p> <ul style="list-style-type: none"> <li>• UK's Department for Environment, Food and Rural Affairs along with Indian Department of Biotechnology are partners in EU's STAR-IDAZ global network on infectious diseases of animals and zoonoses research.</li> <li>• The Royal Society of Chemistry has an office established in Bangalore since 2010. The areas of interest include joint research collaborations, industry-academia partnerships, innovation, and career development and develop talent.</li> <li>• The India Science and Innovation team based in the British High Commission and Deputy High Commissions work with RCUK India and Indian partners to deliver new partnerships and collaborative programmes.</li> </ul>
<b>Priorities</b>	<p>In the recently held third meeting of the UK-India Science &amp; Innovation Council, in April 2012, the following thematic priorities were jointly decided – sustainable energy including nuclear, food production and food security, water supply and security, health and disease, advanced manufacturing, innovation including social impact and intellectual property and research and science policy. Innovation and translation of research was identified to be a key policy challenge and both sides agreed to work closely on this.</p>
<b>Joint research institutes / laboratories</b>	<p>None</p>
<b>Innovation-related activities</b>	<ul style="list-style-type: none"> <li>• In the recently held UK-India Science &amp; Innovation Council (2012), there was an agreement on need of initiatives that will help innovative businesses and academia in India to collaborate. UK Technology Strategy Board (TSB) intends to partner with Indian agencies to explore development of joint programmes. The areas wherein mutual interest identified in the Council includes</li> </ul>

innovation with social impact, innovation metrics, collaborations, interaction with SMEs and intellectual property.

- The second phase of the UKIERI (UK India Education Research Initiative) includes a strand focusing on Innovation Partnerships between both the countries. It has provided opportunities for activities relating to India's HE Innovation agenda, linking key partners in India and the UK. A Roundtable with the Indian Ministry of Human Resource Development and UKIERI was organised in April 2012 to outline new areas of engagement and scope the involvement of industrial partners.
- In November 2011 the high-level delegates from the UK at the Global Innovation round table (organised by the Indian National Innovation Council) in Delhi were able to highlight many of the UK's developments in pushing the innovation agenda forward. The roundtable, stimulated greater global cooperation and the formation of networks between UK and India.
- A project on 'Mapping Research and Innovation in India' is being run in partnership with the National Endowment for Science Technology and the Arts (NESTA), Science and Innovation Network, Research Councils UK and UKIERI. The research will culminate in a rigorous, independent report which will be launched in May 2012. It will highlight trends and provide insights into the critical issues affecting India's innovation future. It will identify ways in which UK businesses and researchers can identify and grow more mutually beneficial and transformative collaborations.
- In December 2010, the UK-India Impact Symposium, was held as an outcome of the UK-India Science and Innovation Council 2010 where it was agreed that new methods of maximising the results of UK-Indian science and innovation collaborations will be developed. The symposium brought together over 60 senior academics, policy makers, industry representatives, research funders and investors from the UK and India to explore the benefits of UK-India collaborative research and the barriers to achieving these benefits.

	<ul style="list-style-type: none"> <li>• The PraxisUnico 'Fundamental of Technology transfer' course was introduced in India in November 2010 with sponsorship from BIS, DST and BAE Systems. After receiving a positive response PraxisUnico will be following up with Indian Department of Science &amp; Technology on running future courses and how to achieve sustainability.</li> <li>• Research Council UK in India (RCUK) (with support from SIN) and Indian Department of Science and Technology (DST) co-funded the UK-India Science Bridges in 2008. The Science Bridges are specifically designed to encourage wealth creation by improving the transfer of research between countries and from academic institutions to businesses.</li> </ul> <p>Over 40 companies are currently engaged in joint RCUK-India research partnerships particularly in the research themes, bioenergy, solar energy, fuel cells, IT, biopharmaceuticals and agriculture.</p>
--	--

<b>Student &amp; researcher mobility schemes</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #e0e0e0; text-align: center;"><b>Euraxess United Kingdom</b></th> </tr> <tr> <td style="width: 20%;">Outline</td> <td>Research positions &amp; fellowships in the UK; advice &amp; support on mobility to the country</td> </tr> <tr> <td>Web page</td> <td><a href="http://www.britishcouncil.org/new/euraxess/">http://www.britishcouncil.org/new/euraxess/</a></td> </tr> <tr> <th colspan="2" style="background-color: #e0e0e0; text-align: center;"><b>Research Councils UK in India</b></th> </tr> <tr> <td>Outline</td> <td>Opportunities listed by the Research Councils UK Office in India</td> </tr> <tr> <td>Web page</td> <td><a href="http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx">http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx</a></td> </tr> <tr> <th colspan="2" style="background-color: #e0e0e0; text-align: center;"><b>Study in Britain Portal</b></th> </tr> <tr> <td>Outline</td> <td>A directory of scholarships to England, Scotland, Wales &amp; Ireland for international students.</td> </tr> <tr> <td>Web page</td> <td><a href="http://www.studyinbritain.com/info/scholarships.asp">http://www.studyinbritain.com/info/scholarships.asp</a></td> </tr> <tr> <th colspan="2" style="background-color: #e0e0e0; text-align: center;"><b>Royal Society – DST scientific seminars</b></th> </tr> <tr> <td>Outline</td> <td>Funding of scientific meetings for securing long-term sustainable funds for the continuation of their research collaboration.</td> </tr> <tr> <td>Organisation</td> <td>UK's Royal Society and India's Department of Science and Technology</td> </tr> </table>	<b>Euraxess United Kingdom</b>		Outline	Research positions & fellowships in the UK; advice & support on mobility to the country	Web page	<a href="http://www.britishcouncil.org/new/euraxess/">http://www.britishcouncil.org/new/euraxess/</a>	<b>Research Councils UK in India</b>		Outline	Opportunities listed by the Research Councils UK Office in India	Web page	<a href="http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx">http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx</a>	<b>Study in Britain Portal</b>		Outline	A directory of scholarships to England, Scotland, Wales & Ireland for international students.	Web page	<a href="http://www.studyinbritain.com/info/scholarships.asp">http://www.studyinbritain.com/info/scholarships.asp</a>	<b>Royal Society – DST scientific seminars</b>		Outline	Funding of scientific meetings for securing long-term sustainable funds for the continuation of their research collaboration.	Organisation	UK's Royal Society and India's Department of Science and Technology
<b>Euraxess United Kingdom</b>																									
Outline	Research positions & fellowships in the UK; advice & support on mobility to the country																								
Web page	<a href="http://www.britishcouncil.org/new/euraxess/">http://www.britishcouncil.org/new/euraxess/</a>																								
<b>Research Councils UK in India</b>																									
Outline	Opportunities listed by the Research Councils UK Office in India																								
Web page	<a href="http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx">http://www.rcuk.ac.uk/OfficeinIndia/Funding/Pages/Home.aspx</a>																								
<b>Study in Britain Portal</b>																									
Outline	A directory of scholarships to England, Scotland, Wales & Ireland for international students.																								
Web page	<a href="http://www.studyinbritain.com/info/scholarships.asp">http://www.studyinbritain.com/info/scholarships.asp</a>																								
<b>Royal Society – DST scientific seminars</b>																									
Outline	Funding of scientific meetings for securing long-term sustainable funds for the continuation of their research collaboration.																								
Organisation	UK's Royal Society and India's Department of Science and Technology																								

Nationalities	UK and Indian
What is funded	To fund the organisation of a small 3 day scientific meeting to bring together groups of mid-career scientists from India and the UK for the purpose of scientific discussion, to promote collaboration and knowledge transfer by encouraging interaction within the wide research community. These scientific meetings would take place in either the UK or India.
Web page	<a href="http://royalsociety.org/India-UK-Scientific-Seminars/">http://royalsociety.org/India-UK-Scientific-Seminars/</a>
<b>Global Partnership Fund (Main Programme Fund)</b>	
Outline	The GPF aims to support and promote science collaboration through the Science and Innovation Network located at the British Embassy. A variety of projects can be organised focusing on long-term sustainable relationships in science and innovation R&D with key partners around the world.
Organisation	Department for Innovation, Universities & Skills
Nationalities	All Nationalities
Duration	Main funding round usually from October to February
What is funded	Seminars, Workshops, Missions
Web page	<a href="http://www.bis.gov.uk/">http://www.bis.gov.uk/</a>
<b>Newton International Fellowships</b>	
Outline	These Fellowships aim to attract the world's best postdoctoral Researchers to the UK.
Organisation	The British Academy, The Royal Academy of Engineering and The Royal Society.
Nationalities	Any
Duration	The Fellowships run for two years in the UK.
Research fields	Natural sciences, social sciences, humanities, engineering
Budget	The Fellowship will consist of £24,000 subsistence and £8,000 research expenses per annum, and £2,000 relocation expenses for the duration of the award. As part of the package, all Newton Fellows who remain in research will be granted a 10 year follow up funding package worth £6,000 per annum.
Career stage	postdoctoral researchers
Others ...	Application deadlines: January; September
Web page	<a href="http://www.newtonfellowships.org/">http://www.newtonfellowships.org/</a>

### **Science and Technology Facilities Council Fellowships**

Outline	These Fellowships are in the fields of Astronomy, Solar and Planetary Science, Particle Physics, Particle Astrophysics, Nuclear Physics, Development of STFC Neutron, Laser and Synchrotron.
Organisation	Science and Technology Facilities Council (STFC)
Nationalities	You must hold the fellowship at any UK Institution acceptable to STFC. Fellowships are open to applicants of any nationality.
Duration	Postdoctoral fellowship: a minimum of one year (Full time) up to a maximum of 3 years. Advanced fellowship: a minimum of one year (Full Time) up to a maximum of 5 years.
Research fields	Astronomy, Solar and Planetary, Science, Particle Physics, Particle, Astrophysics, Nuclear Physics.
Others ...	Deadline: October You must hold the fellowship at any UK Institution acceptable to STFC.
Web page	<a href="http://www.stfc.ac.uk/Grants/Fells/Contents.aspx">http://www.stfc.ac.uk/Grants/Fells/Contents.aspx</a>

### **The Wellcome Trust and India's Department of Biotechnology (DBT) Alliance**

#### **Biomedical Research Careers Programme for India**

Outline	The Wellcome Trust-DBT India Alliance provides opportunities for scientists and funds science across the full spectrum of biomedical research – from fundamental molecular and cellular studies through to clinical and public health research.
Organisation	Wellcome Trust, DBT
Nationalities	Indian (Special cases allowed also)
Research fields	biomedical research
Career stage	Scientists at key stages of their research careers
Web page	<a href="http://www.wellcomedbt.org/">http://www.wellcomedbt.org/</a>

#### **International Scientific Interchange Scheme (ISIS)**

Outline	This scheme is to help scientists add an international dimension to their BBSRC funded research by making and establishing new contacts with international counterparts.
Organisation	Biotechnology and Biological Sciences Research Council
Duration	<ul style="list-style-type: none"><li>• Short Term Travel Award: Normally intended as a first contact-type meeting. Allows</li></ul>

	<p>Researchers to travel outside the UK to initiate collaboration or prepare proposals with partners for international programmes (e.g. EU Framework, Human Frontier Science Program).</p> <ul style="list-style-type: none"> <li>• Long Term Travel Award: For researchers to travel outside the UK for periods of up to 12 months.</li> <li>• Access Award: For stays of up to one month in another country to undertake a specific piece of work, access facilities not available in the UK or gain access to new techniques or materials, which would be of benefit to the BBSRC project or the UK research team.</li> </ul> <p>What is funded Funding is limited to travel and subsistence costs only. Budget does not usually exceed £5,000.</p> <p>Career stage BBSRC-supported researchers are eligible – research grant holders and staff employed at institutes of BBSRC.</p> <p>Web page <a href="http://www.bbsrc.ac.uk/science/international/isis.html">http://www.bbsrc.ac.uk/science/international/isis.html</a></p>
<b>Saltire Scholarship Program</b>	
Outline	Scotland's Saltire Scholarships programme is funded by the Scottish Government and managed by British Council in partnership with the Higher Education Sector in Scotland.
Organisation	Scottish Government
Nationalities	Indian, Canadian, Chinese, US
Duration	One year
What is funded	Tuition fees for any one year of study
Research fields	priority sectors of creative industries, life sciences, technology, financial services and renewable and clean energy
Budget	£ 2000
Career stage	Undergraduate, Masters or PhD course
Web page	<a href="http://www.scotlandscholarship.com/">http://www.scotlandscholarship.com/</a>
<b>Principal's Indian Masters Scholarships</b>	
Outline	The University of Edinburgh will offer 15 Masters scholarships for students from India for postgraduate Masters study in any subject offered by the University for the 2011-2012 academic session.
Organisation	The University of Edinburgh

Nationalities	Indian
Duration	One year
What is funded	Course fees
Research fields	Post graduate study
Budget	£ 3000 Each
Career stage	Master's students
Web page	<a href="http://www.ed.ac.uk/">http://www.ed.ac.uk/</a>
<b>British Chevening Scholarships</b>	
Outline	The Chevening Scholarships provides scholarships to around 1000 leaders from over 130 countries to study in UK every year. The Chevening India Programme has, over the years, given an unique opportunity to over 1800 talented Indians to study in Britain, develop their skills and think of the UK as their partner of choice as they become opinion-makers in their own fields.
Organisation	Foreign and Commonwealth Office
Nationalities	Many, including Indians
Duration	Varied
What is funded	Varied
Web page	<a href="http://www.britishcouncil.org/">http://www.britishcouncil.org/</a>
<b>BBSRC David Phillips Fellowship</b>	
Outline	Early career fellowships: Annual Call to support early stage researchers (with between two and six years of postdoctoral experience) from anywhere in the world to study in the UK. Next deadline TBC but round for 2012 not yet out.
Organisation	Biotechnology and Biological Sciences Research Council
Nationalities	Global
Duration	5 years
What is funded	personal salary and a significant research support grant
Research fields	any area of science within the BBSRC portfolio
Career stage	Early stage researchers (with between two and six years of postdoctoral experience)
Web page	<a href="http://www.bbsrc.ac.uk/funding/fellowships/david-phillips.aspx">http://www.bbsrc.ac.uk/funding/fellowships/david-phillips.aspx</a>
<b>EPSRC overseas travel grants</b>	
Outline	Funds international T&S, salary and indirect costs for PI

	<p>but not consumables and equipment, conference fee or sabbatical absences. No limit on funding.</p> <p>Organisation Engineering and Physical Sciences Research Council</p> <p>Nationalities UK</p> <p>Duration no upper limit on the length of grant</p> <p>What is funded International T&amp;S, salary and indirect costs for PI but not consumables and equipment, conference fee or sabbatical absences.</p> <p>Research fields EPSRC portfolio</p> <p>Budget No limit on funding.</p> <p>Career stage open to any full-time investigator employed by a recognised UK research organisation (excluding PhD students and PDRAs)</p> <p>Web page <a href="http://www.epsrc.ac.uk/funding/grants/int/Pages/otgs.aspx">http://www.epsrc.ac.uk/funding/grants/int/Pages/otgs.aspx</a></p>
<b>EPSRC Bilateral exchange workshops</b>	
Outline	Funds T&S for travelling UK researchers (and where meeting is in the UK also cover core meetings costs) for UK and another country to have bilateral workshops to explore future collaboration.
Organisation	Engineering and Physical Sciences Research Council
Nationalities	UK
What is funded	Funds T&S for travelling UK researchers (and where meeting is in the UK also cover core meetings costs)
Web page	<a href="http://www.epsrc.ac.uk/funding/grants/network/Pages/bilateralworkshops.aspx">http://www.epsrc.ac.uk/funding/grants/network/Pages/bilateralworkshops.aspx</a>
<b>ESRC - Indian academics can be co-investigators on applications for funding from ESRC</b>	
Outline	International co-investigators from anywhere in the world can be included in the majority of ESRC research funding schemes, excluding fellowships, unless otherwise stated by the scheme guidance. Some specific schemes may, from time to time, specify that international co-investigators may not be included. The scheme specific guidance for funding schemes and strategic calls will confirm whether international co-investigators can be included.
Organisation	Economic and Social Sciences Research Council
Nationalities	Global
Duration	Depends on the scheme
What is funded	Depends on the scheme
Research	Based on the scheme

fields	
Budget	Based on the scheme
Web page	<a href="http://www.esrc.ac.uk">www.esrc.ac.uk</a>
<b>EPSRC Visiting Researcher scheme</b>	
Outline	Funding for research scientists and engineers of acknowledged standing to visit a UK research organisation. The visiting researcher can be from anywhere in the world, including the UK. The host UK researcher needs to apply for funding, not the visiting researcher.
Organisation	Engineering and Physical Sciences Research Council
Nationalities	Global
Duration	Up to 12 months' funding per visiting researcher. The researcher can either make one long visit or a series of shorter visits within the 12-month period.
What is funded	cover salary costs, travel and subsistence
Research fields	EPSRC portfolio
Budget	varies
Web page	<a href="http://www.epsrc.ac.uk/funding/grants/network/Pages/visitingresearchers.aspx">http://www.epsrc.ac.uk/funding/grants/network/Pages/visitingresearchers.aspx</a>
<b>EPSRC Responsive Mode Research Grants</b>	
Outline	Flexible funding to support projects ranging from small travel grants to multi-million pound research programs including international collaboration through responsive mode. Lead applicant must be UK based. Researchers from outside the UK can participate in projects if funded from other sources.
Organisation	Engineering and Physical Sciences Research Council
Nationalities	UK
Duration	varies
What is funded	Small travel grants to multi million pound research programmes
Research fields	EPSRC's remit
Budget	varies
Web page	<a href="http://www.epsrc.ac.uk/funding/grants/rb/Pages/default.aspx">http://www.epsrc.ac.uk/funding/grants/rb/Pages/default.aspx</a>
<b>MRC International Funding Opportunities</b>	
Outline	MRC allows overseas co-applicants and collaborators on MRC Grants, where the nature of research makes this necessary.
Organisation	Medical Research Council

	<p>Nationalities Global</p> <p>Duration varies</p> <p>What is funded Admissible costs include salary , T&amp;S for local/overseas Col (100%), directly incurred costs by the overseas organisation and associated with the research (100%), a contribution towards the indirect and estates costs at the overseas organisation where the research is being undertaken in a developing country and will assist to develop research capacity (calculated as 20% of the overseas organisations directly incurred costs) (100%), the costs of any 'service'/'product' procured (for use in the UK) from an overseas supplier (80%), travel and subsistence for UK based researchers going abroad to undertake work other than those costs incurred directly by the overseas organisation (80%). <u>Inadmissible costs include:</u> overheads for an overseas Col/locally employed staff, overseas collaborator costs this may apply, MRC's remit</p> <p>Research fields varies</p> <p>Budget varies</p> <p>Web page <a href="http://www.mrc.ac.uk/Fundingopportunities/Internationalopportunities/Collaborations/index.htm">http://www.mrc.ac.uk/Fundingopportunities/Internationalopportunities/Collaborations/index.htm</a></p>
<p><b>Main initiatives and programmes</b></p>	<ul style="list-style-type: none"> <li>• The UK Research Councils have agreed a number of joint calls on research, with the Indian Government funding agencies. These include funding projects on <ul style="list-style-type: none"> <li>○ fuel cells, solar energy, technologies to bridge urban-rural divide with Indian Department of Science and Technology and Next Generation Networks as well as three Science Bridge awards</li> <li>○ Chronic Diseases with the Indian Council of Medical Research</li> <li>○ Water cycles with Ministry of Earth Sciences</li> <li>○ Nuclear research exchanges with the Department of Atomic Energy</li> </ul> </li> <li>• Wellcome Trust's partnership with Indian Department for Biotechnology including, <ul style="list-style-type: none"> <li>○ Wellcome Trust-DBT India Alliance (£80m)</li> <li>○ R&amp;D for Affordable Healthcare (£45m)</li> <li>○ Major wards to Public Foundation of India (£5m), Suth Asia Network for Chronic disease (£4.5m), population science of maternal and child survival (£5m)</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• UK India Education Research Initiative, Phase Two 2011-16 <ul style="list-style-type: none"> <li>○ Programme extension agreed in 2010 with joint funding</li> <li>○ Worth approx £5m per year</li> <li>○ Programme to deliver in areas of mutual interest jointly agreed to support research, innovation and technology transfer</li> <li>○ 56 research partnerships awarded in 2011 across all areas</li> </ul> </li> </ul> <p>Some key collaborative activities initiated or about to be launched include</p> <ul style="list-style-type: none"> <li>• Between DST and EPSRC in Applied Maths</li> <li>• Between DST /and EPSRC in Smart Grids</li> <li>• Between BBSRC and DBT in Sustainable Crop Production research for International Development, Bioenergy, Livestock Health and Crop Science</li> <li>• Between DST and the Royal Society – Networking Schemes: India-UK scientific seminars</li> <li>• Continued joint work to develop an Intellectual Property Management guide to facilitate timely consideration of IP management issues in research collaborations</li> </ul>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Some of the recent such initiatives listed as below</p> <ul style="list-style-type: none"> <li>• DFID’s South Asia Research Hub in Delhi covers 5 countries and involved with initiatives as supported by DFID and others in areas including, water resources, climate change, education, violence against women, urban services and governance, food security (initiative named, ‘Sustainable Crop Production research for International Development’ that covers Sub-Saharan Africa besides South Asia.)</li> <li>• The relevant Indian funding agencies are among 22 partners (in 17 countries) of EU’s ‘STAR-IDAZ’ Global network on infectious diseases of animals and zoonoses research. Led by DEFRA on this programme, BBSRC is the other partner in UK.</li> <li>• UK and India are members of the Global alliance for Chronic Diseases</li> <li>• UKIERI’s new strand on trilateral research in partnership (TRIP) with the US. Ten awards of upto £50,000 will be available to support multidisciplinary research projects</li> </ul>

	<p>between UK, US and Indian higher education institutions. This strand aims to increase mobility of PhD and post doctoral students in all three countries, and develop sustainable institutional links between the institutions.</p> <ul style="list-style-type: none"> <li>• The Indian –European Research Networking program in 2010 included partners from India (ICSSR) in association with France (ANR), Germany (DFG), Netherlands (NWO) and UK (ESRC). The funding covered joint social science networking projects within and between the five countries. The funding provided top-up resources to allow established research groups in cognate areas in the different countries to work more closely together in order to develop and complete internationally advanced collaborative research and publications.</li> </ul>
<p><b>Further information</b></p>	<p>In the context of research and innovation, many players from UK are currently engaging with India – in particular, FCO, RCUK, UKTI, DfID and the British Council all have major interests in this area.</p> <p><b>British High Commission</b>  <i>Main programmes and activities featured (includes joint programmes)</i>  BIS/FCO Science and Innovation Network  Secretariat for the Indo-UK Science and Innovation Council  BIS/FCO Global Partnership Fund  <a href="http://www.ukinindia.fco.gov.uk">www.ukinindia.fco.gov.uk</a></p> <p><b>Research Councils UK Office in India</b>  <i>Main programmes and activities featured (includes joint programmes)</i>  Representation of UK’s seven Research Councils including joint programmes with Indian partners  Science Bridges Early Stage Career Awards Programme  <a href="http://www.india.rcuk.ac.uk">www.india.rcuk.ac.uk</a></p> <p><b>British Council India</b>  <i>Main programmes and activities featured (includes joint programmes)</i>  UK-India Education and Research Initiative  <a href="http://www.britishcouncil.org.in">www.britishcouncil.org.in</a></p> <p><b>Department for International Development</b>  <i>Main programmes and activities featured (includes joint</i></p>

programmes)

DFID Regional Research Hub

[www.dfid.gov.uk/research/](http://www.dfid.gov.uk/research/)  
[www.research4development.info/](http://www.research4development.info/)

**UK Trade and Investment**

*Main programmes and activities featured (includes joint programmes)*

UK-India Industrial Innovation Forum

[www.uktradeinvest.gov.uk](http://www.uktradeinvest.gov.uk)

**The Royal Society**

*Main programmes and activities featured (includes joint programmes)*

Scientific Seminars Scheme

Newton Fellowships (together with BA and RAEng below)

[www.royalsociety.org](http://www.royalsociety.org)  
[www.newtonfellowships.org](http://www.newtonfellowships.org)

**The British Academy**

*Main programmes and activities featured (includes joint programmes)*

South Asia Fellowships

[www.britac.ac.uk](http://www.britac.ac.uk)

**The Royal Academy of Engineering**

*Main programmes and activities featured (includes joint programmes)*

Particular emphasis on the energy sector

[www.raeng.org.uk](http://www.raeng.org.uk)

**The Wellcome Trust**

*Main programmes and activities featured (includes joint programmes)*

Wellcome-DBT Alliance

[www.wellcome.ac.uk](http://www.wellcome.ac.uk)

## EUROPEAN UNION



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p>An Agreement for <b>scientific and technological cooperation</b> was signed on 23<sup>rd</sup> November 2001 and entered into force on 13<sup>th</sup> October 2002. This Agreement was renewed in the sidelines of the EU-India Summit in New Delhi on 30 November 2007. The implementing agencies are the Directorate General for Research and Innovation on the European side and the Department of Science and Technology on the Indian side. Annual Steering Committee meetings oversee the activities carried out under this framework.</p> <p>An Agreement for cooperation in the field of <b>fusion energy research</b> was signed on 6 November 2009. the implementing agencies are the European Atomic Energy community (EURATOM) on the European side and the Department of Atomic Energy on the Indian side.</p> <p>An agreement for <b>R&amp;D cooperation in the peaceful uses of nuclear energy</b> is currently under negotiation by the European Atomic Energy community (EURATOM) on the European side and the Department of Atomic Energy on the Indian side.</p>
<p><b>Priorities</b></p>	<p>An India-EU Ministerial Science Conference was organised in New Delhi in February 2007 and this was the first time that the European Council interacted with a partner country outside of Europe. The New Delhi Communiqué, signed at the end of the Conference called for basing the cooperation on the principles of symmetry, reciprocity and co-investment of resources in areas of mutual interest.</p> <p>After the establishment of the Strategic Forum for International Cooperation (SFIC) in Research and Innovation, India was the first partner country identified for closer cooperation. Within this framework an India-EU and Member States Partnership for a Strategic Roadmap in Research and Innovation was organised in New Delhi in November 2010. The Conference called for more effective and coordinated India-EU and Member States research and innovation activities and more efficient use of</p>

	<p>existing and future resources and instruments to support strategic cooperation of India-EU and Member States in addressing global societal challenges.</p> <p>The <b>Joint Declaration on research and innovation cooperation</b>, signed in February 2012 calls for building an "<b>Indo-European Research and Innovation Partnership</b>" with (i) larger scale, scope and impact, (ii) focus on common societal challenges, and (iii) enhanced synergies between India, the EU and its Member States.</p> <p>The <b>Ministerial Meeting</b> on 31 May 2012 was attended by the Research Ministers of DK, PL, CY and the EC Commissioner on the European side and by Minister Deshmukh on the Indian side. The Brussels Communiqué was adopted at the meeting. It calls in particular to:</p> <ul style="list-style-type: none"> <li>• <i>Jointly define the scope and develop a Strategic Research &amp; Innovation Agenda – a White Paper - on a medium to long term India-EU/Member States Partnership</i> for accelerated sustainable and inclusive growth, and new pathways focusing on societal challenges of common interest (such as sustainable environment and water, bio-economy, agriculture, energy and transport, health, ICT) as well as covering the whole innovation chain from research to development and the deployment of innovative and affordable solutions.</li> <li>• <i>Establish a Group of Senior Officials (GSO)</i> composed of officials from India, the Member States and the European Commission with a view to streamline the governance of Indo-European cooperation in its bid to identify the most effective mechanisms to provide solutions to major societal challenges of common interest.</li> <li>• <i>Support setting up an industry-driven India-Europe stakeholder group for research and innovation.</i> This group could ensure effective involvement of industry and other research actors in defining and implementing the <i>Strategic Agenda</i>.</li> </ul>
<p><b>Joint research institutes / laboratories</b></p>	

<p><b>Innovation-related activities</b></p>	<p>An India-European Union Workshop on Partnerships in Innovation took place in November 2009.</p> <p>An EU-India Dialogue on Global Outreach of European and Indian Innovation Clusters took place in New Delhi in December 2010. An outcome of this dialogue was the establishment of a Cluster helpdesk, managed by the Confederation of Indian industry and the European Business and Technology centre.</p> <p>Innovation is now mainstreamed in all EU-India science and technology related activity.</p>
<p><b>Student &amp; researcher mobility schemes</b></p>	<p>A Compedium of EU and Member States mobility schemes is available from the web site of the EU Delegation to India.</p>
<p><b>Main initiatives and programmes</b></p>	<p><b>All FP7 projects</b> involving European and Indian partners are available on the web site of the EU Delegation to India.</p> <p><b>EU-India Joint Calls:</b> Five such calls have taken place so far (total co-funded budget of 60M€):</p> <ul style="list-style-type: none"> <li>• Computational materials science (co-funding of 5M€ from each side)</li> <li>• Food and nutrition research (co-funding of 3M€ from each side)</li> <li>• Solar energy systems research (co-funding of 5M€ from each side)</li> <li>• Partnering initiative on biomass and biowaste (co-funding of 1M€ from each side)</li> <li>• Water related challenges (co-funding of 16M€ from each side)</li> </ul>
<p><b>Trilateral or multilateral initiatives</b></p>	<p>Research entities from India are eligible to receive funding from the European union's 7<sup>th</sup> Research Framework Programme</p>
<p><b>Further information</b></p>	<p><b>Euraxess Link India:</b> Network of European researchers working in or commuting to India  <a href="http://ec.europa.eu/euraxess/links/india/index_en.htm">http://ec.europa.eu/euraxess/links/india/index_en.htm</a></p>

	<p><b>Awareness raising and information campaign in India (EU and its Member States):</b> for 2011 edition, see: <a href="http://eeas.europa.eu/delegations/india/eu_india/science_and_technology/awareness_campaign/index_en.htm">http://eeas.europa.eu/delegations/india/eu_india/science_and_technology/awareness_campaign/index_en.htm</a> 2012 information campaign is foreseen : 10 - 28 Sept. 2012</p>
--	---

## NORWAY



<p><b>Cooperation framework (e.g. bilateral agreements)</b></p>	<p><b>The Norway Government's Strategy for Cooperation Norway - India (2009)</b>  <a href="http://www.regjeringen.no/upload/UD/Vedlegg/Utvikling/Indiastrategi_Norsk_engelsk_endelig.pdf">http://www.regjeringen.no/upload/UD/Vedlegg/Utvikling/Indiastrategi_Norsk_engelsk_endelig.pdf</a>.            Cooperation on research and higher education to be strengthened.</p> <p><b>Indo-Norwegian state-to-state agreement on science and technology (2006)</b> (generic, on researcher exchange etc), administered by            - <u>Joint Working Group (JWG) on Science &amp; Technology</u> between Indian Dept Sci &amp; Tech (DST) and Norwegian Ministry for Education and Research (facilitated by RCN)</p>
<p><b>Priorities</b></p>	<p><b>Programme of Cooperation</b> (2009-2012) specifies research priorities:</p> <ul style="list-style-type: none"> <li>▪ Climate research including ocean and arctic/polar research</li> <li>▪ Clean (renewable) energy</li> <li>▪ Geotechnology and early warning systems for geohazards</li> <li>▪ Marine research – bioprospecting and polar research</li> <li>▪ Nano-science/ technology primarily related to clean energy and solar energy and medical issues</li> <li>▪ Vaccines – human and fish/ animal, including vaccination programmes and biotechnology of new vaccine development</li> </ul> <p>Supplementary areas agreed during JWG Sci &amp; Tech (2011):</p> <ul style="list-style-type: none"> <li>▪ ICT</li> <li>▪ Glaciology</li> <li>▪ Medical research (cancer, diabetes, infectious diseases etc)</li> <li>▪ Social aspects of climate change related issues (adaption)</li> </ul>
<p><b>Joint research institutes / laboratories</b></p>	
<p><b>Innovation-related activities</b></p>	

<p><b>Student &amp; researcher mobility schemes</b></p>	<p><b>RCN Visitors Travel Grants (general, relevant for India)</b></p> <p><b>YGGDRASIL mobility programme</b>  Outline: Multinational including Indo-Norwegian researcher exchange, -visits  Organisation: The Research Council of Norway (RCN), International Scholarship Section (IS)  Nationalities: Application to RCN by Norwegian research institution (contract partner) with Letter of recommendation from an Indian research institution.  Duration: 1-10 months  What is funded: Travel/stay expences  Research fields: All  Career stage: PhD students, postdocs and senior researchers  Other issues: Annual calls  Web page: <a href="http://www.rcn.no/isenglish">www.rcn.no/isenglish</a></p> <p><b>RCN Mobility Funding Database</b>  Outline: A search scheme for information on available mobility grants  Web page: <a href="http://www.stipendbasen.no/">http://www.stipendbasen.no/</a> then click EN (English) upper right</p> <p><b>Euraxess Norway</b>  Outline: Research positions &amp; fellowships in Norway; advice &amp; support on mobility to the country. Web page: <a href="http://www.euraxess.no">http://www.euraxess.no</a></p>
<p><b>Main initiatives and programmes</b></p>	<p><b>RCN research programmes for Indo-Norwegian research that include Visitors Travel Grants</b>  <a href="http://www.rcn.no">http://www.rcn.no</a></p> <p><b>INDNOR research programme 2010-2019:</b> a 2.5 mill € per year research programme for 5+5 years for Indo-Norwegian research collaboration, administered by RCN  Outline: Indo-Norwegian researcher projects, workshops, -exchange, visits  Organisation: The Research Council of Norway (RCN)  Nationalities: Application by Norwegian research institution (contract partner) with Letter of intent from Indian research institution.  Duration: Up to 36 months  What is funded: Salaries and/or travel/stay expences and/or project expenses  Research fields: Climate, Clean Energy, Environment, International political issues, Social development.</p>

	<p>Career stage: PhD students, postdocs and senior researchers</p> <p>Other issues: theme specific annual calls administered by the thematically relevant RCN programme/-board. Seed money calls</p> <p>Web page:  <a href="http://www.forskningsradet.no/servlet/Satellite?c=Page&amp;cid=1253954776512&amp;p=1253954776512&amp;pagename=indnor%2FHovedsidema">http://www.forskningsradet.no/servlet/Satellite?c=Page&amp;cid=1253954776512&amp;p=1253954776512&amp;pagename=indnor%2FHovedsidema</a></p> <p><b>JOINTINDNOR research programme:</b> INDNOR call with Indian (activity-matched) co-funding, so far co-funded by DST. Joint project description by at least one Indian and one Norwegian research institution submitting the joint proposal to DST and RCN, respectively. JWG approves.</p> <p>Outline: Indo-Norwegian researcher projects, workshops, -exchange, visits</p> <p>Organisation: The Research Council of Norway (RCN) and Dpt Science &amp; Technology (DST), India</p> <p>Nationalities: For the same joint project: Application to RCN by Norwegian research institution (contract partner) with Letter of intent from Indian research institution, <u>and</u> application to DST by Indian research institution (contract partner) with Letter of intent from Norwegian research institution.</p> <p>Duration: Up to 36 months</p> <p>What is funded: Salaries and/or travel/stay expenses and/or project expenses</p> <p>Research fields: Climate, Clean Energy, Environment, Geotechnics</p> <p>Career stage: PhD students, postdocs and senior researchers</p> <p>Other issues: theme specific annual calls administered by the thematically relevant RCN programme/-board.</p> <p>Web page:  <a href="http://www.forskningsradet.no/servlet/Satellite?c=Page&amp;cid=1253954776512&amp;p=1253954776512&amp;pagename=indnor%2FHovedsidema">http://www.forskningsradet.no/servlet/Satellite?c=Page&amp;cid=1253954776512&amp;p=1253954776512&amp;pagename=indnor%2FHovedsidema</a></p>
<p><b>Trilateral or multilateral initiatives</b></p>	
<p><b>Further information</b></p>	<ul style="list-style-type: none"> <li>▪ <b>INDEMB:</b> Norway's Embassy in Delhi is from fall 2012 funding calls for 3 mill€/year for 5 years, administered by RCN.</li> </ul>

	<ul style="list-style-type: none"><li>▪ <b>Norway has engaged a Science and Innovation Counsellor in Delhi</b> from Aug 2012 - Marianne Jensen <a href="mailto:marje@innovationnorway.no">marje@innovationnorway.no</a>, former programme coordinator for INDNOR, RCN</li><li>▪ <b>EU initiatives relevant for India in which Norway takes part:</b><ul style="list-style-type: none"><li>- <u>SFIC</u> Task Force for coordination of European research towards big countries, including SFIC India Group.</li><li>- <u>FP7</u></li><li>- <u>New Indigo</u>: ERA-Net supporting networking and collaboration of calls</li></ul></li></ul>
--	--

## **Websites of the European Union Member State Embassies in India**

EU Delegation	<a href="http://eeas.europa.eu/delegations/india/">http://eeas.europa.eu/delegations/india/</a>
Austria	<a href="http://www.bmeia.gv.at/">http://www.bmeia.gv.at/</a>
Belgium	<a href="http://www.diplomatie.be/newdelhi/">http://www.diplomatie.be/newdelhi/</a>
Bulgaria	<a href="http://www.bulgariaembindia.com/">http://www.bulgariaembindia.com/</a>
Cyprus	<a href="http://www.mfa.gov.cy/">http://www.mfa.gov.cy/</a>
Czech Republic	<a href="http://www.mzv.cz/newdelhi/">http://www.mzv.cz/newdelhi/</a>
Denmark	<a href="http://www.ambnewdelhi.um.dk/en">http://www.ambnewdelhi.um.dk/en</a>
Estonia	<a href="http://www.vm.ee/">http://www.vm.ee/</a>
Finland	<a href="http://www.finland.org.in/">http://www.finland.org.in/</a>
France	<a href="http://ambafrance-in.org/">http://ambafrance-in.org/</a>
Germany	<a href="http://www.new-delhi.diplo.de/">http://www.new-delhi.diplo.de/</a>
Greece	<a href="http://www.greeceinindia.com/">http://www.greeceinindia.com/</a>
Hungary	<a href="http://www.mfa.gov.hu">http://www.mfa.gov.hu</a>
Ireland	<a href="http://www.irelandinindia.com/">http://www.irelandinindia.com/</a>
Italy	<a href="http://www.ambnewdelhi.esteri.it/">http://www.ambnewdelhi.esteri.it/</a>
Lithuania	<a href="http://in.mfa.lt/">http://in.mfa.lt/</a>
Luxembourg	<a href="http://newdelhi.mae.lu/en">http://newdelhi.mae.lu/en</a>
Malta	<a href="http://www.foreign.gov.mt/">http://www.foreign.gov.mt/</a>
Netherlands	<a href="http://india.nlembassy.org/">http://india.nlembassy.org/</a>
Norway	<a href="http://www.norwayemb.org.in/">http://www.norwayemb.org.in/</a>
Poland	<a href="http://www.newdelhi.polemb.net/">http://www.newdelhi.polemb.net/</a>
Portugal	<a href="http://www.portugal-india.com/en/">http://www.portugal-india.com/en/</a>
Romania	<a href="http://newdelhi.mae.ro/">http://newdelhi.mae.ro/</a>
Slovakia	<a href="http://www.mzv.sk/dilli">http://www.mzv.sk/dilli</a>
Slovenia	<a href="http://newdelhi.embassy.si/en">http://newdelhi.embassy.si/en</a>
Spain	<a href="http://www.maec.es/subwebs/Embajadas/">http://www.maec.es/subwebs/Embajadas/</a>
Sweden	<a href="http://www.swedenabroad.com/">http://www.swedenabroad.com/</a>
United Kingdom	<a href="http://ukinindia.fco.gov.uk/en/">http://ukinindia.fco.gov.uk/en/</a>
Norway (associated country to the EU FP7)	<a href="http://www.norwayemb.org.in/">http://www.norwayemb.org.in/</a>