



Embassy
of the Federal Republic of Germany
New Delhi

Indo-German Research Cooperation

www.india.diplo.de/science



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Outline

1. Research Landscape in Germany
2. German Institutions in India
3. Indo-German Research Cooperation
4. Funding opportunities



Research Landscape in Germany

Various forms of research locations:

- Universities
- Universities of applied science
- Non-university institutes (i.e. Max Planck Institutes)
- Industrial Corporations (2/3 of R&D funding by industry)
- Several Networks and Clusters of industrial and academic institutions



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Research Landscape in Germany

Different
kinds of
research
locations:





Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Research Landscape in Germany

Facts & Figures:

- approx. 750 public-funded research institutions
- more than 130 research networks and clusters
- 373 universities
- 2,025,307 students
- 506,000 staff in R&D
- 291,000 scientists and scholars
- 61,5 billion € Gross Domestic Expenditure on R&D (2007)
- 2.8% of total GDP goes into research funding



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

Inform about study and research possibilities in Germany.

Provide information on funding for Indian students and researchers going to Germany.

Support and facilitate Indo-German research projects.



German Institutions in India

Several German research institutions are represented in India, amongst them:

- DFG German Research Foundation
- DAAD German Academic Exchange Service
- AvH Alexander von Humboldt Foundation
- Fraunhofer Society
- South Asia Center of University of Heidelberg
- Representations of Universities: FU Berlin, University of Cologne, University of Applied Sciences Frankfurt, University of Göttingen



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

DFG German Research Foundation

- the major German research funding organization
- serves all branches of science and humanities
- promotes international and interdisciplinary cooperation

DFG in India:

2 Nyaya Marg, Chanakyapuri, New Delhi

E-Mail: india@dfg.de

Internet: <http://www.dfg.de/india/>
www.new-delhi.diplo.de

DFG



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

DAAD German Academic Exchange Service

promotes academic cooperation world-wide
through the exchange of students, scholars,
academics and scientists

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

DAAD in India:

2 Nyaya Marg, Chanakyapuri, New Delhi

E-Mail: info@daaddelhi.org

Internet: <http://newdelhi.daad.de/>

www.new-delhi.diplo.de/science



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

Fraunhofer-Gesellschaft

- conducts application-oriented research of direct use to businesses and for the benefit to society
- 2/3 of its research revenue derives from contracts with industry and from publicly financed research projects



Fraunhofer in India:

901, 902 Prestige Meridien, Towers II
30 MG Road, Bangalore
E-Mail: anandi.iyer@fraunhofer.in



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

AvH Alexander von Humboldt Foundation

promotes international research cooperations
through the exchange of excellent scientists in all
disciplines



Alexander von Humboldt
Stiftung / Foundation

AvH in India:

2 Nyaya Marg, Chanakyapuri, New Delhi

E-Mail: avh-newdelhi@dfg.de

www.new-delhi.diplo.de/science



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

German Institutions in India

The German House for Research and Innovation

is expected to open in 2012 in Delhi.

www.dwih.in

- Will be a joint representation of all German research institutions in India
- Platform for interaction among Indian and German collaborating scientists and technologists
- One-stop shop for information on research possibilities in Germany and cooperations between Indian and German partners

www.new-delhi.diplo.de/science



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Cooperation

- German is the **most popular foreign language** in India
- Germany is India's **2nd** closest research collaborator
- Germany is among **top 3 destinations** for Indian researchers
- In 2011, number of Indian students in Germany increased by 25 % to over 5,000.
- Over 1,000 highly qualified Indians pursue their Ph.D. studies in Germany. They represent Germany's second biggest Ph.D. student community from abroad.
- Every year, more than **1,000** Indian students & researchers are funded by the DAAD to study in Germany
- India is Germany's closest partner outside of Europe when it comes to joint funding of major research facilities: India has invested over 270 Crore Rupees into the particle accelerators FAIR in Darmstadt and DESY in Hamburg.
- Indo-German cooperation in research dates back to governmental agreements in **1971** and **1974**



Vast array of bilateral research projects:

- Indo-German Science and Technology Centre (IGSTC) in Gurgaon funds bilateral projects involving research institutions and industry on both sides
 - Funded with 20 Mio € from BMBF and DST each
 - 4 projects are running already
 - Yearly calls
- Joint Indo-German calls
- Max Planck partner groups
- Indo-German Max Planck Centre for Computer Science (IMPECS)
- Indo-German Centre for Infectious Diseases (IG-SCID)
- Indo-German Centre for Sustainability at the IIT Madras (IGCS)
- Countless university cooperations
- DFG / UGC Research Training Groups



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Funding opportunities for stays in Germany

Students and Researchers benefit from funding opportunities by:

- Federal Ministry of Education and Research
- DAAD
- DFG
- Alexander von Humboldt Stiftung (AvH)
- Erasmus Mundus
- Max Planck Institutes and Research Schools
- Fraunhofer Institutes
- Helmholtz Research Centres or Schools
- Leibniz Graduate Schools

Funding opportunities for stays in Germany

Comprehensive Brochure on funding
programmes available for download at the
Embassy website

 German Funding Programmes
for Scientists and Researchers



Funding Opportunities for International Students, Graduates, PostDocs and Scientists offered by:

       Land of Ideas
www.research-in-germany.de



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

Funding opportunities for joint research

German and European Organisations supporting
Indo-German cooperations:

- European Research Council (ERC)
- DFG
- International Bureau of the BMBF
- DAAD
- IGSTC



Embassy
of the Federal Republic of Germany
New Delhi

Science & Technology

More information at:

www.india.diplo.de/science

Information on funding and research possibilities
in Germany:

www.research-in-germany.de