

GOVT. OF INDIA

SCHEMES AND OPPORTUNITIES FOR INTERNATIONAL ACADEMIC COLLABORATIONS



INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI
GUWAHATI, ASSAM, INDIA

Scheme for Promotion of Academic and Research Collaboration

(SPARC) launched by MHRD (Ministry of Human Resource Development, Government of India) aims at improving the research ecosystem of India's Higher Educational Institutions by facilitating academic and research collaborations between Indian Institutions and the best institutions in the world from 28 selected nations to jointly solve problems of national and/or international relevance.

The scheme proposes to enable productive academic cooperation by supporting the following critical components that can catalyse impact making research, namely:

- Visits and long-term stay of top international faculty / researchers in Indian institutions to pursue teaching and research
 - Visits by Indian students for training and experimentation in premier laboratories worldwide
 - Joint development of niche courses, world-class books and monographs, translatable patents, demonstrable technologies or action research outcomes and products
 - Consolidation of Bilateral cooperation through academic and research partnerships through Indo-X Workshops in India
 - Publication, Dissemination and Visibility through a high profile annual international Conference in India
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- <http://sparc.iitkgp.ac.in/index.php>



SCHEME UNDER MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT.OF INDIA

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- Funds for longterm visit by the international faculty (208 months)
- Will also fund the travel of and sustenance of Indian Students at the collaborating University.
- <http://sparc.iitkgp.ac.in/index.php>



SCHEME UNDER
SCIENCE AND ENGINEERING RESEARCH BOARD, MHRD GOVT.OF INDIA
Visiting Advanced Joint Research Faculty Scheme

VAJRA (Visiting Advanced Joint Research) Faculty Scheme is a dedicated program exclusively for overseas scientists and academicians with emphasis on Non-resident Indians (NRI) and Persons of Indian Origin (PIO) / Overseas Citizen of India (OCI) to work as adjunct / visiting faculty for a specific period of time in Indian Public funded academic and research institutions.

The Scheme recognises the value of collaborative research as a crucial element for information sharing among researchers for updating and acquiring knowledge and skills, and also to draw different perspectives to solve a shared problem.

SERB welcomes accomplished Overseas Scientists to take up challenging research problems in the Indian setting.



SCHEME UNDER
SCIENCE AND ENGINEERING RESEARCH BOARD, MHRD GOVT.OF INDIA
Visiting Advanced Joint Research Faculty Scheme

VAJRA (Visiting Advanced Joint Research) Faculty Scheme

Funding of USD.35000 for three months.

First month USD 15000

Second and Third month USD 10000 each.

Visiting faculty can come for three months continuously or visit in shorter durations over a period of three years.

<http://www.vajra-india.in/>



SCHEME UNDER MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVT.OF
INDIA

Global Initiative of Academic Networks

Is intended to tapping the international pool of talented scientists/entrepreneurs with an objective to encourage their engagement with the institutes of Higher Education in India.

The initiative is aimed to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence.

Aims to:

- (a) garner the best international experience into our systems of education,
- (b) enable interaction of students and faculty with the best academic/industry experts from all over the world, and
- (c) share their experiences and expertise to motivate people to work on Indian problems, there is a need for building up a global academic network

IIT Kharagpur is designated as National Coordinating Institute and Group Coordinating Institute for IITs / NITs / IIITs / IIST;

IISc Bangalore is designated the Group Coordinating for IISc / IISERs; JNU for Central and other National / State Universities and Law Schools;

IIM Bangalore for Management Schools.

<http://www.gian.iitkgp.ac.in/cgenmenu/guidelines>



SCHEME UNDER DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVT.OF INDIA

International Science and Technology Cooperation

The **Science & Technology International Cooperation Division of DST** has the mandated responsibility of

- (i) Negotiating, concluding and implementing S&T Agreements between India and other countries
- (ii) Providing interventions on S&T aspects in international forums.

This responsibility is carried out by the Division in close consultation on the Indian side with the Ministry of External Affairs, Indian Missions Abroad, S&T Counsellors at Germany, Japan, Russia and USA, stakeholders in scientific, technological & academic institutions, concerned governmental agencies and with various industry associations in India.

International Science & Technology Cooperation is realised at two levels:

- (i) Bilateral Cooperation with developed and developing countries
- (ii) Multilateral & Regional Cooperation.

Presently India has bilateral S&T cooperation agreements with 83 countries with active cooperation with 44 countries.

During the recent years the cooperation has strengthened significantly with Australia, Canada, EU, France, Germany, Israel, Japan, Russia, UK and USA.

Cooperation with African countries has also been strengthened through India Africa S&T Initiative.

The soft prowess of S&T has been leveraged to engage with several countries under India's Act East policy and with some neighbouring countries.

The Department currently supports three bi-national S&T Centers which are independent entities established under inter-governmental bilateral agreements with France, USA and Germany.

- Indo-French Centre for Promotion of Advanced Research (IFCPAR / CEFIPRA)
- Indo-US Science & Technology Forum (IUSSTF)
- Indo-German Science & Technology Centre (IGSTC)



Thank You



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GUWAHATI
GUWAHATI, ASSAM, INDIA

HORIZON 2020
EXCELLENT SCIENCE
ERC (EURO RESEARCH COUNCIL)
EC AND SERB
MARIE SKLODOWSKA-CURIE ACTION (MSCA)

INDUSTRIAL LEADERSHIP

SOCIETAL CHALLENGES