

INFORMATION VISIT: HIGHER EDUCATION AND RESEARCH MANAGEMENT

PARTICIPANT PROFILES

8 - 14 September 2024

Bonn | Berlin



Federal Foreign Office



Information Visit : Higher Education and Research management

The delegation visit on "Higher Education and Research Management" to Germany is organized by the German Academic Exchange Service (DAAD) and the German Centre for Research and Innovation (DWIH) New Delhi. From 8th to 14th September 2024, representatives from Indian funding agencies, research institutions, and policy advisory bodies will visit Berlin and Bonn.

During the visit, the delegation will explore various prominent German higher education and research institutions, as well as key policy bodies and funding agencies. This includes visits to the DAAD headquarters, the German Research Foundation (DFG), the German Rectors' Conference (HRK), the University of Bonn, and the Technical University of Berlin. The focus will be on higher education and research management, specifically addressing funding strategies and mechanisms, support structures for researchers, the internationalization of teaching and research, and collaborative efforts within consortia.

Two workshops will provide opportunities for the Indian delegates to connect with stakeholders from German research and policy institutions, as well as funding agencies. Together, participants will map the current funding landscape and identify gaps in the available funding mechanisms for research and innovation cooperation. Additionally, they will analyze the status of Indo-German research cooperation.

The visit will also feature two networking events designed to present the Indian higher education and research system and facilitate engagement with German counterparts.

This delegation visit is part of the celebrations marking 50 years of Science and Technology Cooperation between India and Germany. It aims to advance Indo-German higher education and research cooperation beyond bilateral institutional contacts.



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Dr Vishal Choudhary

Scientist F - Office of the Principal Scientific Adviser to the Government of India

Dr Vishal Choudhary independently handles S&T Clusters and National Portal-I-STEM. He is the Nodal Officer for coordinating Prime Minister's Science, Technology and Innovation Advisory Council (PM-STIAC) meetings. He has previously worked as Dy. Industrial Advisor in Department of Chemicals & Petrochemicals, Ministry of Chemicals and Fertilizers, where he was looking after all industry related issues for chemicals sector.

Office of the Principal Scientific Adviser to the Government of India was established by the Government of India in November 1999. The PSA's office aims to provide pragmatic and objective advice to the Prime Minister and the cabinet in matters of Science and Technology.

Focus Areas: Science and Technology.



Office of Principal Scientific Adviser
to the
Government of India

Prof Dr Kalobaran Maiti

Senior Professor, Tata Institute of Fundamental Research, Department of Atomic Energy

Prof. Kalobaran Maiti (PhD, IISc; AvH Fellow, Fz-Juelich) studies the physics of Kondo systems, superconductors and topological materials using high-resolution (ARPES, trARPES, HAXPES, etc.) electron spectroscopy. He built a state-of-the-art ARPES laboratory at TIFR and discovered novel methods to study complex quantum materials. He has been awarded the Shanti Swarup Bhatnagar Prize in Physics and 'The Title of Honorary DAAD Advisor' by the President of Germany.



 www.tifr.res.in/peslab/



Tata Institute of Fundamental Research was founded in 1945 with support from the Sir Dorabji Tata Trust under the vision of Dr. Homi Bhabha. Research and development activities of TIFR got several recognitions such as Boltzmann Prize, Fundamental Science Prize, IEEE milestone award, Fellow of Royal Society, etc.


Focus Areas: Physics, Chemistry, Biology, Mathematics, Computer Science and Science Education.



Dr Abhay Jere

Vice Chairman AICTE & Chief Innovation officer Ministry of Education's Innovation Cell

Dr. Abhay Jere, is the brain and driving force behind the 'Smart India Hackathon,' which has now evolved as 'World's Biggest Hackathon and largest Open Innovation Model.' He is instrumental in conceptualizing initiatives like the Atal Innovation Ranking Framework, IIC's, National Innovation and Startup Policies, School Innovation Council, and many more.

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All India Council for Technical Education (AICTE) established as a statutory body by an act of parliament, guides and navigates the future of technical education and its quality through various regulation and policies. AICTE also as positioned itself as an enabler catering to the needs of of its diverse stakeholders.




Focus Areas: Promotion of Quality in Technical Education, Planning and Coordinated Development of Technical Education System, Regulations - Maintenance of Norms and Standards.

Dr Shah Uddin Ahmed

Scientist F / Director , Department Of Biotechnology, Ministry Of Science & Technology, Government Of India

Dr. Shahaj Uddin Ahmed has a Doctoral Degree (Ph.D) in Molecular Genetics. Dr. Ahmed started his career as Scientist 'C' in Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India in 2010. Dr. Ahmed has played an important role in developing and implementing various projects with National & International bodies in the field of Biotechnology. Currently, Dr. Ahmed is driving the International Cooperation Programme, Global Innovations Directorate of DBT.



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Department of Biotechnology's vision is to attain new heights in biotechnology research, shaping biotechnology into a premier precision tool of the future for creation of wealth and ensuring social justice – specially for the welfare of the poor. DBT provides services in the areas of research, infrastructure development, generation of human resource, involved in regulations and guidelines.


Focus Areas: Promotion of Large Scale Use of Biotechnology, Support R&D and Manufacturing in Biology, Human Resource Development, Serving as Nodal Point for International Collaborations, Establishment of Infrastructure Facilities to Support R&D ,Production etc.



Dr Anand Mohit

Principal Scientist, Council of Scientific and Industrial Research (CSIR), India

Dr. Anand Mohit has background in Chemical Engg. & IT(Dual), Petroleum S&T and a Ph.D (Engg.), with experience of ~35 R&D projects in energy & fuel domain. He's been working in international S&T affairs and coordinating bilateral(Germany, France, Turkey, Norway, Israel, Saudi Arabia, Taiwan etc.) & Multilateral(EU, APCTT, BRICS, WAITRO) S&T cooperation activities of CSIR. He has experienced STI ecosystem of India both as an administrator, policymaker and as a researcher.

 [/in/mohit-anand](https://in.linkedin.com/in/mohit-anand)

The Council of Scientific & Industrial Research (CSIR), known for its cutting-edge R&D knowledge base in diverse S&T areas, is a contemporary R&D organization. CSIR has a dynamic network of 37 national laboratories, 39 outreach centers, 1 Innovation Complex, and three units with a pan-India presence.



Focus Areas: All domains of S&T (excl. Atomic and Strategic Sectors). Handholding and Developing Industrial and Societally Relevant Interventions, Focusing on Public, Private and Strategic Good, Human & Institutional Capacity Building.

Dr Seema Jaggi

Assistant Director General, Indian Council of Agricultural Research

Dr. Seema Jaggi is involved in planning, management, monitoring of human resource development activities under centrally sponsored scheme 'Strengthening and Development of Higher Agricultural Education in India' and restructuring agricultural education in alignment with NEP2020. She has 30 years of research/teaching experience in Agricultural Statistics. Published 190 papers, developed open-source software, guided 22 students, received prestigious awards and resource person to reputed organizations.



 www.naas.org.in/detail.php



Indian Council of Agricultural Research has played a pioneering role in ushering Green Revolution and subsequent developments in agriculture and allied sciences in India through its research and technology development that has enabled the country to increase the foodgrain production, making a visible impact on the national food and nutritional security. It is engaged in cutting edge areas of science and technology development through 113 research institutes and its scientists are internationally acknowledged in their fields.


Focus Areas: Coordinating, Guiding and Managing Research, Extension and Education in Agriculture and Allied Sciences including Horticulture, Natural Resources, Fisheries and Animal Sciences.



Prof Vinay Kumar Pathak

President, Association of Indian Universities, New Delhi & VC, CSJM University, Kanpur

Dr. Vinay Kumar Pathak is the President of the Association of Indian Universities and Vice-Chancellor, Chhatrapati Shahuji Maharaj University, Kanpur. An Eminent Professor of Computer Science, Prof Pathak worked in Media Lab Asia and successfully did the work of info-sculpture. Prof. Pathak was instrumental in the implementation and promotion of Vedic Mathematics in 1992.

 [/in/vinay-kumar-pathak/](#)

Association of Indian Universities, New Delhi is an Apex Inter-University organization established to bring all higher education institutions in India to a common platform to protect the interest of Indian higher education and to promote it at global level. Present membership of AIU is 1014 which includes Central/ State/ Deemed/ Pvt Indian Universities and 16 Associate Members.



Focus Areas: Interact with Member Universities and Stakeholders, Organize Academic Events, Research and Policy Inputs, Equivalence Assessment, Publication and Capacity Building, International Collaboration, to Organize Conferences, Workshops, Seminars on Various Themes of Higher Education etc.

Dr Akhilesh Mishra

Scientist F, Department of Science & Technology (DST), Ministry of Science & Technology

Dr Akhilesh Mishra has been associated with DST since 2010 as a scientist and actively engaged in strengthening the Science, Technology, and Innovation (STI) Policy Research Mechanism for providing evidence-based planning approaches. Keen interest in promoting scientific R&D activities for promoting indigenous development of devices. He has a Ph.D. in Material Science



 [dr-akhilesh-mishra-1](#)



Department of Sciences
& Technology
Government of India

Department of Science & Technology (DST) creates S&T infrastructure and manpower, supports basic science research along with S&T led innovation and startups, technology development and seed the cutting-edge, futuristic areas of S&T. This is done by devising suitable programs, schemes and technology missions to address socio-economic challenges and create opportunities to empower its stakeholders. Provide the largest source of external funding for R&D in India. This funding is awarded competitively to scientists across disciplines.


Focus Areas: Promoting New Areas of Science & Technology, Nodal Department for Organizing, Coordinating and Promoting Science and Technology Activities in India, also the Nodal Department for Formulation of Policies Relating to Science and Technology, International Science and Technology Cooperation.



Dr Reema Roshan

Scientist D, Indian Council of Medical Research

Dr Reema Roshan, a trained biotechnologist, played a key role in fostering international cooperation of ICMR in health research. This involves orchestrating Memoranda of Understanding (MoUs) with global agencies, including those in the USA, Europe, and Southeast Asia. Additionally, I serve as the Coordinator of the India-Africa Health Sciences Collaborative Platform (IAHSP) and Health Ministry's Screening Committee (HMSC) for international projects.

 [/in/reema-roshan-](#)

Indian Council of Medical Research plays a pivotal role in improving pressing health through biomedical research and evidence-based interventions. ICMR conducts timely investigations and research on public health emergencies and outbreaks, helping to control and mitigate the impact of these crises. It also has state-of-the-art research facilities, laboratories, and networks that facilitate cutting-edge research.




Focus Areas: Formulation, Coordination and Promotion of Biomedical Research, Conduct, coordinate and Implement Medical Research for the Benefit of the Society, Translating Medical Innovations in to Products/Processes and Introducing them in to the Public Health System.

Prof Rabibrata Mukherjee

Joint National Coordinator for SPARC, Govt. of Indian Initiative

Rabibrata Mukherjee is the Dean of International Relations at IIT Kharagpur. He is also the chairman of DST-funded SATHI at IIT Kharagpur and is the Joint National Coordinator of the SPARC program of the Ministry of Education, Government of India. His research area is stability and patterning of thin polymer films. He has published around 100 papers in International Journals of repute.



 [/ch-rabibrata](#)



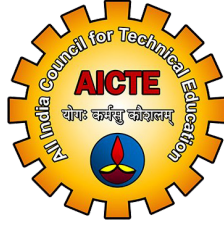
The Ministry of Education oversees India's education system and related policies. It is responsible for primary to higher education and vocational and technical education. One of its initiatives is the The Scheme for Promotion of Academic and Research Collaboration (SPARC), which aims at improving the research ecosystem of India's higher educational institutions by facilitating academic and research collaborations between top ranked Indian Institutions and globally ranked Foreign Institutions. It is coordinated by Indian Institute of Technology Kharagpur (IIT Kharagpur)

Focus Areas: Development Of The Basic Infrastructure Of Higher Education Sector, In Terms Of Policy And Planning, Planned Development Process, Expansion Of Access And Qualitative Improvement In The Higher Education.

PARTICIPATING INSTITUTIONS



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY



सत्यमेव जयते
Office of Principal Scientific Adviser
to the
Government of India



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



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