

RESEARCH COLLABORATION

International research collaboration has always helped scientists to keep abreast of international science and to share expertise and resources. Today, one-fifth of the world's scientific papers are coauthored internationally — a result of increasingly easy communication and cross-border travel. However, a new character of international collaboration is emerging, as scientific research has become an integral part of economic and innovation policy. International collaboration has also become a key element in globalization strategy. Research collaboration supports research, training and knowledge transfer in everything from architecture to zoology, apart from supporting world-class research facilities. It also promotes public engagement in science, engineering and technology. The knowledge and expertise gained through investment in people and innovation allows the world to maintain a technological leading edge, build strong global economy and improve quality of life for people. International research collaboration requires work in partnership with other research investors including government departments and agencies, universities and colleges, and industry. Research collaboration extends across disciplines and organizational boundaries. Some of the main fields for research collaboration are:

- ARTS AND HUMANITIES
- BIOTECHNOLOGY & BIOLOGICAL SCIENCES
- ECONOMIC AND SOCIAL SCIENCES
- ENGINEERING AND PHYSICAL SCIENCES
- MEDICAL SCIENCES
- NATURAL ENVIRONMENT
- SCIENCE AND TECHNOLOGY

Today global networks are known to have contributed significantly to the success of Silicon Valley, USA. It has been possible for the USA to benefit directly from the information technology boom in India by being connected. The success of India is not only from cheap labor but also from attracting global R&D activities. Recent trends indicate that USA is keen to establish connections with the new powerhouse economy of India — not only in downstream industries but also in upstream science. The world as a whole is increasingly united on the need for research and innovation to tackle global challenges such as poverty and climate change. The growing international concern regarding greenhouse gases, crises in Africa, or diseases in developing countries are leading to new hopes about international research collaboration to address these issues.

The United States was one of the first nations to establish an approach to attract "the best and the brightest" in the world to their institutions. This policy placed the United States at the heart of international research collaboration, with US researchers co-authoring with researchers from over 170 countries. The unique US position was based first, on the openness of financial aid and fellowships to support any deserving graduate student. This system grew through generous federal research funding and also by means of institutional competition to attract the best graduate students. Second, the tradition of openness in hiring academics dated back to World War II, during which many prominent European scientists moved to the United States. Third, the US labor market has been open to immigrants — particularly for highly skilled ones who could get companies to sponsor them.

Today, more countries are taking comparable approaches to attract "the best and the brightest" through similar policies to open up. There is stepped-up competition for international students undertaken by several countries — most notably Australia, the United Kingdom, Japan, and China. India is on the threshold of joining this competition.

Another approach to international collaboration is to invest in world-class research centers of excellence. Singapore was one of the first countries to use public money for attracting world-class institutions. Singapore has become a major Asian education and research center, by creating high-profile international partnerships (with the Massachusetts Institute of Technology, Stanford, Berkeley, and Wharton—to name but a few), inviting world-class foreign universities to open campuses (e.g., INSEAD,

University of Chicago Business School, and Waseda), and by its ambitious biomedical science park, Biopolis. India has a great opportunity to enter into similar partnerships with American universities.

For a developing country such as India, these steps are likely to lead to increases in scholarship and research collaboration opportunities. International research collaboration has entered an era in which networking has a direct economic significance. Some governments are already beginning to pay a premium to become hubs in global excellence networks. These developments will produce significant changes in the world's research capacity and yield new centers of excellence. The Council of Scientific & Industrial Research (CSIR) is the premier industrial research and development organization in India. Its chain of 39 R&D laboratories with 80 field stations spread across India are manned by 10,000 highly qualified scientists and engineers and 13,000 auxiliary and other staff, covering almost the entire spectrum of industrial R&D, ranging from aerospace to mining, microelectronics to metallurgy. CSIR can play an important role in promoting international research collaboration. There are a good number of universities and colleges in India that have research programs and these trends indicate opportunities for capacity building for research in India. With several billion dollars in annual research funded by the National Science Foundation, the National Institutes of Health, corporate partners, and other Federal and Private Foundations, American universities are major research centers in the world. Award-winning faculty members provide undergraduate and graduate students with research opportunities in a multitude of disciplines. American universities work with faculty and outside partners to capitalize on opportunities to expand research and scholarship across all intellectual fields. This includes developing new programs, making strategic investments to seed new research initiatives and assisting faculty in obtaining funding from sponsors. Research collaboration between Indian institutions and foreign universities will be a "win, win" for all.

Given below is a list of top foreign Universities visited India for participating in the Indo-Global Education Expo & Summit. The major fields in which they are interested in collaborating with well established Indian institutions are also mentioned.

Abant Izzet Baysal University, Turkey

Biology, Chemistry, Physics, Mathematics, Electrical – Electronics Engineering, Computer Science, Finance, Science, Math Education, and International Relations.

Aberdeen University, UK

Engineering and Physical Sciences

Academic Centre of Law & Business, Israel

Law and Business Administration

ACT Inc., USA

We are interested in exploring the potential for ACT's workforce development solutions in the Indian market.

Alabama State University, USA

Public Policy, Nanobiotechnology, International Business
Nanotechnology, Genomics

Altai Academy of Economics and Law, Russia

Bachelor and Master Degrees Programmes in Economics, Management, Computing and Informational Technologies, Jurisprudence

American Institute of Medical Sciences & Education, USA

Para Medical & Allied Health Sciences.

American University in the Emirates, UAE

College of Business Administration, College of Media and Mass Communication, College of Computer Information Technology, College of Fine Arts and Design, College of Law, College of Education

American University of Sharjah, UAE

At AUS we have the following programs and research interests: College of Engineering (Chemical, Civil, Computer, Computer Science, Electrical, Mechanical, Aerospace, Biomedical, Engineering Management, Mechatronics, Petroleum, Software); College of Arts and Sciences (English language and literature, Arabic language and literature, International studies, Mass Communication, Biology, Chemistry, Environmental Sciences, Mathematics, History, Philosophy, Psychology, Women's studies, American studies, actuarial mathematics); College of Architecture, Art and Design (Architecture, interior design, design management, multimedia design, visual communication, landscape architecture, urban design and planning); and School of Business and Management (Economics, Public Administration, Accounting, Finance, Management, Management Information Systems, Operations, Marketing, International Business). AUS is in the process of developing a new, state-of-the-art research park adjacent to its campus in Sharjah, only a 15 minute drive from Dubai.

AUS has some inventions that are licensed or are being licensed. These relate to human heart condition monitoring and producing fuel from waste material. AUS is in the process of holding discussions with external bodies to fund prototype production or to try to commercialize these inventions, however nothing has been finalized yet. AUS would certainly be interested in collaboration to further develop these ideas to commercial scale, especially given our upcoming development of an AUS Research Park and Innovation Incubator.

Anton De Kom University of Suriname, Suriname

Interested in lecturers and Research in Sustainable Development; Exchange of Lecturers

Aristotle University of Thessaloniki, Greece

Yes we are interested in research collaborations with reputed Indian institutions in a wide scientific area, such as Philosophy, Sciences, Theology, Law, Economics, Political Sciences, Agriculture, Forestry and Natural Environment, Veterinary Medicine, Medicine, Dentistry, Engineering, Fine Arts, Education, Pharmacy, Physical Education and Sports, Journalism and Mass Media Studies.

For further information please visit our website http://www.auth.gr/univ/faculties/index_en.html, with all Faculties and Schools

Association of Vermont Independent Colleges (AVIC), USA

Norwich University is interested in research collaboration in the Sciences (environmental sciences, physical sciences, etc), Social Sciences (Psychology, International Relations, etc.), Engineering, Architecture, Information Assurance, and similar types of programs.

Landmark College, which serves students with learning disabilities, is interested in research collaboration related to college-level learning differences and language based issues across academic disciplines.

Aston University, UK

Yes we are interested in pursuing Research Collaborations with Indian Institutions. Our research interests are as follows:

The School of Life & Health Sciences pursues interdisciplinary research in the Biomedical Sciences, Health Sciences and Neurosciences at the interface between laboratory and clinic. The School leads the Aston Brain Centre (ABC) and the Aston Research Centre for Healthy Ageing (ARCHA). Our work ranges from the molecular and cellular levels, through neural systems and human behavior, to the restoration of health and the study of individuals in health care and societal settings.

Our research groups are as follows:

- Chronic Diseases
- Communicable Diseases
- Molecular and Cell Biology
- Cognitive and Affective Neuroscience
- Neurophysiology and Clinical Neuroimaging
- Sensory and Perceptual Systems
- Health and Lifespan Psychology
- Medicines Research Unit
- Ophthalmic Research Group

Bangkok University, Thailand

Yes, in the area of Asian Studies.

Bangor University, UK

Various as Bangor University specialize in many different areas: Finance, Electronic Engineering, Social Sciences, Law, Psychology, Biological Sciences, and Natural Resources.

Bayero University, Nigeria

Social and Behavioral Sciences, Education, Entrepreneurial Studies, Information & Communication Technology, Medical & Pharmaceutical Sciences, Environmental Studies, Agriculture

Yes. Computer Science and IT, Science, Engineering, Medicine Distance Education, Teacher Education, Vocational Education, Social and Management

Bilkent University, Turkey

The research topics in our department are condensed matter physics (both theoretical and experimental), material science, optics & lasers, and soft matter.

Bowling Green State University, USA

Supply Chain Management, Accounting Information Systems, Services Marketing, Sales, & Macro Economics. Interested in Academic of Research Collaborations in areas of Computer Science, including Information Security, Information Retrieval, Search Engines, Text Mining, Visualization, High Performance Computing, Cloud Computing, Software Engineering, Human-Computer Interaction, etc. Interior Designs, (All Design Fields) Art, Education and Teacher Training, Languages, Nutrition, Apparel Merchandising, Sciences etc. Also, any field in each of the six colleges listed above.

Carleton University, Canada

Research Collaboration:Sustainable Energy - ICT and Digital Media – Biotechnology
Yes. Engineering and computing science, nuclear physics, environmental studies

CESESB, Brazil

Law, Administration and Nursing.

Chalmers University of Technology, Sweden

Chalmers Areas of Advance:

<http://www.chalmers.se/en/areas-of-advance/Pages/default.aspx>

Champlain College, USA

Game Design, Emergent Media, Digital film, All areas dealing with media convergence
Computer and Digital Forensics, Game programming; Graphic Design and communication; Game Art; Animation.

Game Design, Emergent Media, Digital film, Computer Forensics, Information Technology, Business, Teacher training. All areas dealing with media convergence

Cherkasy State Technological University, Ukraine

Yes. We are interested in research collaborations with reputed Indian institutions. As our University has a lot of different specialties, we would like to develop all the areas of research collaboration.

Clarkson University, USA

Clarkson's primary research strengths are in engineering and science including mathematics and computer science. Current focus areas for research are in sustainable energy, especially wind, photovoltaics and biofuels. Nanomaterials, and other advanced materials are also a focus. All areas of applied mathematics and computer science are also strong. IN the Business area, global supply chain management is a particular strength.

Colorado Heights University, USA

Extending technical education into viable business development & administration education.

Concord University, USA

Interested in Research in STEM, Science, Technology, and Medical.

Concordia University, Canada

Energy and Environment, Aerospace and Transportation, Information Security, Computer Imaging and Gaming, Advanced materials, Micro technology, Bio products and fuels.

CQ University, Australia

International Tourism; Labour Force Mobility; Sleep and Shift Work
Civil Engineering, Mechanical Engineering, Electrical Engineering, Engineering Education

CSU San Bernardino, USA

As a comprehensive university we have interests in our Colleges of Business and Public Administration, Education Social Behavioral Sciences, Natural Sciences, and Arts & Letters.

Curtin University, Australia

Financial Accounting, Managerial Accounting, Capital Markets, Corporate Governance, Accounting Education, Auditing
Accounting & Finance Research

Dartmouth College, USA

Potential interests in collaborations in the following fields: Health care delivery, biomedical engineering; energy, sustainability, women and leadership, Himalayan studies, sociolinguistics, computational neuroscience

Dow University of Health Sciences, Pakistan

Research Collaboration in all possible areas of Health Sciences, Including Vaccine Production, Especially for Rural Population. Pakistan Medical & Dental Council is the regulatory authority in licensing.

Collaborations regarding guidance for establishment of the first Liver Transplant Centre in Public Sector University in Pakistan.

Drexel University, USA

Energy - storage, distribution, alternative (wind, solar, fuels) Biomedical Technology, Urban planning, disaster forecasting, structural stability Robotics.

Eastern Washington University, USA

Economic & Social Sciences, Engineering & Physical Sciences, Science & Technology.

Edith Cowan University, Australia

Research Collaboration interested in following areas. Nano-engineered system fabrication, micro photonics, teletest facility for integrated systems, information and technology systems, computer security, ecosystem management, marine ecosystems, natural resource modeling, Health and Wellness, Alzheimer's disease research, Parkinson's and melanoma research, cancer and palliative care, exercise and sports science, social research, Small and medium enterprise research, applied market research, social marketing, film & video, Educational Research and Development, Mass Communication, Game and Multimedia.

Enforex – eduSpain – don Quijote, Spain

Looking forward to establish partnerships with:

India university who teach Spanish to Indian students

higher education institutions who teach Spanish to Indian students

Spanish language centres

Education agency advisers

ESIGELEC College of Engineering, France

We are interested in academic collaborations at a research level but since only one representative is going to participate in the event, we would appreciate the opportunity to meet with potential partners though our prime focus will be student recruitment.

Excelsior College, USA

Yes, In Business, Engineering, and Nursing Degree Programs

Farmingdale State College, SUNY, USA

Applied Engineering Technologies, Sustainability, Solar and Alternate Energy Fields

FATEB - College of Telêmaco Borba, Brazil

We can cooperate in engineering, specifically in Chemical Engineering with emphasis on pulp and paper mill. We also have interest in licensing of technologies developed by our research to Indian institutions of credibility.

Fayetteville State University, USA

The education at FSU is founded in research and therefore, research collaborations are important. Areas of interest include Management, Sociology, Public Policy, International Relations, Computer Science, Geology, and Geospatial Science.

Federal University of technology, Nigeria

Sericulture, Energy Conservation, Various fields of Engineering, Physical Sciences and Agriculture, Environmental Technology

Florida A & M University, USA

Architecture sustainable development ASHU/SPACE related issues artist/architect collaborations.

Florida Agriculture and Mechanical University, USA

All areas of education including Elementary and secondary Education; Work force Development and Training; Technology Education; Educational Leadership; Counseling and Mental Health.

Florida Atlantic University, USA

Yes, we are interested in research collaborations with Indian institutions in the area of Ocean Engineering..

Florida International University, USA

Immunology / NeuroImmune, Pharmacology/ HIV_infection/ Drugs / Drug Abuse / Drug Targeting to the brain / Anti HIV Plant production / Flu Vaccine.

Florida State University, USA

Sustainable Energy

Fresno Pacific University, USA

The Impact of Globalization on India, Environment and Development, U.S. – India relations, Alternative Energy

Governors State University, USA

Web Security, Web-centre innovation, Method Development for Chemical analysis.

Idaho State University, USA

Yes. Potential research and teaching collaborations in all fields.

Idaho State's areas of research focus include Health, Energy, and Environment. Many disciplines are involved in research in these areas.

Indiana University-Purdue University, USA

We are interested in exploring the opportunities for research collaborations.

Institute of Development And Technology Management, Ghana

Research Collaborations and licensing in: Development Finance, Technology Management, & Law and Development

Institute of Management Technology, UAE

Institute of Management Technology Dubai is interested in learning more about the Research collaborations with Foreign Universities.

Inter American University of Puerto Rico, USA

Biotechnology - Under graduated level.

Inter-American Organization for Higher Education, Canada

Establish Collaborations with Universities in the Americas, through the IOHE network of 325 Higher Education Institutions in all countries of the Americas, and the framework of the programs: IGLU (University Management and Leadership), COLAM (Training Networks) and CAMPUS (Mobility, Research and Doctoral Programs, and Social Engagement, Higher Education Spirit and Values), and the general areas of Internationalization and Innovation in Higher Education.

Interdisciplinary Center Herzliya, Israel

Computer Science, Social Sciences, Communications, Business Administration and Economics, & Law

International Business School, Netherlands

International business and cultural competencies development. Organizational culture.

International University Of Business, Agriculture & Technology, Bangladesh

Yes I am. In the field of HRM.

JAMK University of Applied Sciences, Finland

Area of interest regards to co-operation: Health & Social studies and Music studies.

John Carroll University, USA

Business / Economics, Politics in India; India - Pakistan Conflict; Terrorism or Security Studies

Kansas State University, USA

High Performance Computing/Big Data; Cyber Security; Environment; Materials / Advanced Manufacturing; Nuclear Engineering & Sensors; Transportation; Systems & Networks; Energy; STEM Education.

King Mongkut's University of Technology Thonburi, Thailand

We are interested in research collaborations in the form of researcher exchanges in ICT, Energy and Environment, Earth System Science, Bioscience and Bioengineering, and Engineering Technology and Management.

We hosted Indian undergraduate and postgraduate students for a period of 3-6 months in the past at the Mechanical Engineering Department and will be happy to extend the invitations to students from other reputable Indian institutions.

Kwantlen Polytechnic University, Canada

Interested in News media, IT, Marketing, Business Management and Applications for Smart Phones and internet development.

Liverpool John Moores University, UK

All areas considered.

Louisiana State University, USA

Corporate Governance; Global Supply Chain Management; Emerging Markets and Global Entrepreneurship; Energy and Sustainability.

Macquarie University, Australia

Animal Behaviour, Astronomy and Astrophysics, Biomolecular Frontiers, Climate Risk, Cognitive Science, Earth and Planetary Evolution, Ecology and Evolution, Emotional Health, Financial Risk, Language Sciences, Lasers and Photonics, Neuroscience, Vascular Sciences and Surgery, Quantum Information Science and Security, Social, Cultural and Political Change, Social Inclusion, Wireless Communications.

Magna Carta College, UK

Business Studies including MBA institutions, must be NARIC approved.

Massachusetts Institute of Technology, USA

Science and Engineering Fields.

Mc Master University, Canada

1. Health Information Technologies such as clinical decision support and lifestyle changes self-management software development
2. Online Educational Software for shared eBusiness/eHealth Informatics Education & Research Opportunities
3. Joint conferences, grants, publishing, as well as visiting research fellows, faculty and graduate students, etc.

Medical University - Plovdiv, Bulgaria

We are interested in Research Collaborations in the field of Medical Science and Public Health
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Misurata University, Libya

Yes; Analytical Chemistry, Animation and Computer Graphics, Biochemistry, Biomedical Sciences, Biological Sciences, Biomedical Engineering, Biotechnology, Cell Biology, Chemical Engineering, Chemistry, Civil Engineering, Clinical Laboratory Sciences, Computer Engineering, Computer Science, Dentistry, Economics, Electrical and Electronics Engineering, Electronic Commerce, Engineering Management, Environmental Sciences, Finance and Banking, Genetics, Geographic Information Systems, Hospital Administration, Hospitality Management, Immunology, Information Technology, Internet Technologies, Management Information Systems, Management of Technology, Marketing, Mechanical Engineering, Medical Laboratory Technology, Microbiology, Medicine, Molecular Biology, Networking, Pharmaceutical Sciences, Physical Sciences, Physiology, Project Management, Software Engineering, Systems Engineering, Statistics.

Modibbo Adama University of Technology, Nigeria

Engineering & Applied Sciences; Information Technology; Business and Management; Humanities and Social Sciences

Monash University, Australia

Monash is interested in research collaborations in the areas of:

1. Health & well-Being
2. Sustainability
3. Productivity & Innovation
4. Social Inclusion
5. Culture & Heritage

Montana State University Billings, USA

Montana State University Billings has an active research culture and would envision collaborations with faculty in the Physical and Biological Sciences, Environmental Studies, Finance, Business Management, Information Systems, Marketing and Health Administration.

Mount Royal University, Canada

Health and the Environment.

Nanyang Technological University, Singapore

Solar Energy Conversion, Nano – Medicine, Media Technology, Sustainable Development

National Aviation University, Ukraine

We are interested in technical and aviation directions. As for the research activities conducted the University includes number of scientific and research institutions such as:

- Research Institute of Integrated Telecommunication Technologies
- SRI of the Fleeting Processes
- SRI of Design
- State Aviation Scientific Research Institute
- Aerodynamic Research Center of National Aviation University of Ukraine
- The research design bureau "Buran"
- Center "Air traffic service"
- Training center (gymnasium)

Among the priority directions of the institutes' activity are:

- Computer Science, ICT
- Telecommunications

- Artificial Intelligence
- Microelectronics and Nanotechnologies
- New Material Technologies
- Automatics and Robotics
- Alternative and Renewable Energy Sources
- Energy Saving and Storage
- Environmental Engineering
- Transport, Aviation, Space Research
- Chemistry, Chemical Technology, Functional Materials

National open and Distance University (UNAD) Colombia

Information Technology and Communication applied to Education, E Learning, Information Sciences and Communication, Human Rights, and University Autonomy.

New Mexico State University, USA

This is priority for NMSU. Being a comprehensive University with an annual research awards close to \$200 Million all areas of research for collaboration are welcome. Priority areas are aerospace sciences; renewable energy; biomedical and health sciences; water, environment and climate science; information sciences.

Research collaboration in Agriculture, Engineering, Arts and Sciences, Business, Health Sciences and Education

New York Institute of Technology, USA

Engineering, Health & Medicine, Sustainability, Business.

North Carolina A&T State University, USA

Agriculture, Engineering, Information Technology, Science, Mathematics, Waste Management, Business, Education, Counseling

North Carolina Central University, USA

Diabetic Stroke mitochondrial biogenesis seeking a collaborator to apply US-INDIA bilateral Brain Research Collaborative Partnerships Grant.

Northern Michigan University, USA

This is a definite possibility for us. Our faculty members are required to conduct research, so find collaborative opportunities is important for us.

North-West University, Vaal Triangle Campus, South Africa

YES. IT: Open source software developments, Mobile technology, Text to speech recognition, Serious gaming

Business: Industrial risk management, Poverty studies, Local Economic Development

Operational research and modeling. i.e Systems design and decision making modeling and development of tools

Northwestern College And Media, USA

Yes, we are interested in research opportunities yet to be determined.

Novosibirsk State University, Russia

We are interested in research collaborations with reputed Indian institutions in the following areas: Information technologies; Nanosystems and contemporary materials; Chemistry; Biology; Medical Science, Area Studies (South Asia, Central Asia).

Open University, Libya

E learning for engineering area

Oregon State University, USA

Yes – sustainable forestry, natural resources science and management, sustainable materials, green building, agriculture, forest ecology.

Our Lady of the Lake College, USA

Community capacity building for healthy aging

Pacific Graduate School of Psychology, USA

All areas of Psychology

Pantheon Institute, Italy

Architecture – Archeology – Landscape, Museum Design + Exhibitions.

Phetchaburi Rajabhat University, Thailand

Yes.

Pontifica Univeridad Javeniana Cali, Colombia

We would like special collaboration in the areas of software development, computer sciences, industrial engineering, cleaner production, environmental issues, entrepreneurship, business administration, innovation, and design.

Pontifical Catholic University Of Rio De Janeiro, Brazil

Yes. I am mainly interested in academic collaboration in research and academic events. Science and Technology (Engineering, Computer Science, etc), Industrial Design, Cultural and Religious Studies, International Relations, Business, among others.

Pontifical Catholic University of Rio De Janeiro, Brazil

PUC-Rio is mainly interested in academic collaboration in research and academic events. Science and Technology (Engineering, Computer Science, etc), Industrial Design, Cultural and Religious Studies, International Relations, Business, among others.

Purdue University, USA

Large Scale Data Mining & Visualization (NSF Career work of Dr. Madhavan)
Engineering Education
Personalized Learning (Dr. Madhavan's career work)

Queens College, USA

Several Departments at Queens College have expressed interest in research collaboration including Sociology, History, Anthropology, Education and Physics.

Roosevelt University, USA

Biotechnology and Chemistry Science, Computer Science and Telecommunications, Math and Actuarial Science, Psychology, Sociology, Women and Gender Studies, Business, Accounting and Management

Roswell Park Cancer Institute, USA

Yes, My interest is in molecular biology and clinical application of interferons. I am also interested in prostate cancer; in early diagnosis and management and physiological role of prostate specific antigen (PSA) in pathological angiogenesis.

Rush University College of Nursing, USA

Yes, is Our research and scholarship is focused on leveraging families to secure the health of individuals. This ranges from human milk administration for very premature infants to parental guidance to assure the academic success of children to research on family caregivers of persons with

dementia. The other area of scholarship is clinical research on practice interventions including maintaining airways, management of pain, reduction of falls with injury, etc.

RWTH Aachen University, Germany

Research activities with regard to sustainability in the field of water, land use, early warning systems, energy and Carbon dioxide sequestration.

Saint-Petersburg State University of Telecommunications, Russia

1. Electronic protection systems of information flows in information and communication networks
2. Broadcasting systems and applied three-dimensional television
3. Mobile communications and wireless access systems
4. Telemetry systems, monitoring devices and management of complex systems
5. Neuro-information systems and technologies
6. Energy-saving technologies and systems
7. Formation, processing, storage and transmission of digital signals
8. Integrated systems of end-to-end design
9. Intellectual systems and technologies
10. Methods of defending objects from excessive electromagnetic radiation
11. Telecommunications technology of management of communications networks
12. Nanosystems, nanomaterials and nanotechnology

Saxion University of Applied Sciences, Netherlands

We are interested to look for cooperation with our departments: School of Social Work (International Courses) Saxion University of Applied Sciences participates in various mobility and exchange programmes around the world. These programmes enable the Saxion community to discover life in other universities and foreign students to spend part of their studies at Saxion. Through the European Course Credit Transfer System (ECTS), credits achieved at partner institutions are mutually recognized. (Please refer to our website WWW.SAXION.EDU for further details).

Singapore Management University, Singapore

Accounting, Corporate Governance, Capital Market

Sirte University, Libya

Yes, we are interested in Research collaborations, with Reputed Indian Universities, in the field of Technology and Medicine

South Dakota School of Mines and Technology, USA

Areas of research: Cardiac, Vascular, Bioprosthetic Heart Valves, Tissue Engineering, Biomechanics, Orthopedic Implants, Pathophysiology, Computer modeling, Biomaterials, etc.

We have an interest in licensing technologies to companies in India.

Southern Illinois University, USA

Interested in Engineering, Education, and Sciences

Southern Illinois University-Carbondale, USA

Clean Coal Technology, Gasification, Sequestration, Software Engineering, Real-time System Analysis, Wireless Sensor Networks, VLSI test design, Embedded Controls/Systems, Power Systems, Materials Technology, High Speed Optical Converters/Storage, Device Modeling using super computing, Ultrasonic Navigation, Friction Science, Water Resources Engineering, Biofuels, Environmental Engineering, Geotechnical.

Research collaborations in all disciplines in the Business Administration area would be welcome. For example, Cross-Cultural issues, Supply Chain Design and Implementation, Management of Technology, Group Decision Support Systems (GDSS), Brand Marketing, Service Operations, Financial Management Issues, Globalization Strategies, Sustainable Organizations, Innovation Management, and so on.

Collaboration with Doctoral programs (such as IBS, Hyderabad) would be of interest to us.

Southern University and A&M College, USA

The College of Engineering has identified four strategic areas of significant research focus for the next decade. Our goal is to maximize usage of our facilities and human resources in the areas that we have established capital with a track record of achievements. These research areas are:

- A. Computation, Communication, and Information,
- B. Advanced materials, Nanomaterials, Nanoscience, and Devices, and
- C. Energy and the environment.

Much of the ongoing research in the college, and future activities in the cited research areas, is closely aligned with the national research agenda as well as with Southern University's strengths and priorities. The four areas we have selected as the focus of significant research are expected to strongly influence curriculum, facilities, and faculty hiring. The COE will also continue to strongly support collaborative research programs with national and international universities.

The University has a policy on intellectual property and licensing procedures that promote producing and disseminating knowledge. We are encouraged and interested to produce creative and scholarly works and the development of intellectual property specially those which may have potential commercial value.

State University of Medicine and Pharmacy, Moldova

- Diagnosis and treatment of communicable diseases, especially HIV/AIDS, TB, viral hepatitis and intestinal infections.
- Research in molecular biology, medical genetics, stem cells, development of clinical immunology, and transplantation

Stella Maris Polytechnic, Liberia

Natural Environment, Science and Technology, Engineering and Physical Sciences, Economic and Social Sciences, Medical Science

Sultan Agung Islamic University, Indonesia

Yes, especially in the field of Law (Cyber Law), IT, Economics and Social Sciences, and Medical

Superior University, Pakistan

We will be interested to have Research Supervision for our Research Students & Partnership for Joint Research Projects.

Tel Aviv University, Israel

Engineering / Technology

Temple University, USA

The college of Engineering at Temple has many research areas of concentrations, examples of which are within the areas of Environmental Engineering , Bioengineering, Communications, Electrical Engineering, Energy, to name a few, for a full list please refer to our web page at www.temple.edu/engineering

Tennessee State University, USA

Yes, Agriculture, Engineering, Sciences, STEM disciplines.

Texas Christian University, USA

New Media.

The Pantheon Institute, Italy

Architecture, Cultural Heritage, and Museum Design, Professional Architectural Education at the University level, Archeology and the Management of Cultural Heritage Sites. Art History and Architectural History.

The University of Montana, USA

Yes. Areas of particular interest for Research Collaboration include Business Related Fields, The Biomedical Fields, Pharmacy, Forestry, And other areas.

The University of North Carolina at Chapel Hill, USA

Finance, General Management, Consulting, Information Technology

The University of Western Ontario, Canada

Law

Tilburg University, The Netherlands

Tilburg University would like to explore different opportunities for research collaborations with reputable Indian Institutions in the following fields:

Research Humanities:

- E – Humanities
- Language, Communication and Cognition
- Creative Computing
- Religion and Ritual
- Religion in the public sphere
- Care and contested coherence
- Language and Globalization
- Literature and visual art in the European Public Sphere
- Society and Rationality
- Theoretical Philosophy
- Practical Philosophy
- History of Philosophy

Research Economics and Management:

- Business
- Accounting
- Finance
- Information Management
- Marketing
- Operations Research
- Organization & Strategy
- Econometrics
- Macroeconomics
- Microeconomics

Tufts University, USA

Faculty from Tufts University and its affiliated academic medical centers participate in collaborative research projects with colleagues from around the world. Some of the topics of these collaborations include food and water-borne diseases, nutrition, economics, child development and education, infectious diseases of humans and animals, and international relations. We would be interested in discussing opportunities for research collaborations related to basic medical sciences, public health, veterinary medicine, nutrition, engineering, arts, sciences, and humanities.

Tufts University has an active and successful technology licensing program and would be interested in discussing the possibility of licensing technology developed at Tufts University or its affiliated hospitals with Indian companies and organizations.

Tung Wah College, Hong Kong

Medical, Nursing, Dental, Veterinary, Forensic, Allied Health (Medical Laboratory, Physiotherapy, Radiography), Chiropractic Studies

Universidad Europea De Madrid, Spain

Yes (Faculty of Science and School of Engineering).

Universiti Sains Islam Malaysia, Malaysia

Pure and Applied Sciences, Teaching Arabic as a Second Language (TASL), Comparative Law, Islamic Studies, Contemporary Islamic Studies, Information & technology, Mass Communication, Islamic Insurance, counseling, Psychology and Islamic Finance.

University for Peace, Costa Rica

The research areas of interest are peace and conflict studies, human security, environmental security, human rights, peace education, gender, economic development.

University of Alaska, Alaska

The University of Alaska Fairbanks will be interested in research collaboration in the following areas: Energy, Engineering, Climate Change, Atmospheric Sciences, Geophysics, Fisheries and Oceanography, and Biomedical Research

University of Baltimore, USA

Law of the United States (LLM)
Management and Global Business Leadership (MBA)
Simulation and Game Design (BS, MS, DSC)
MPA, MS Human Security and Global Affairs

University of Bridgeport, USA

Tissue Regeneration
Tissue Engineering
Biorobotics
Very Large Scale Integration (VLSI)
Wireless Communication
Thin-film Solar Cells
VLSI design and testing
Man-Machine Interface
Biomechanics of manipulation

Computational fluid dynamics
Business and Information Technology Continuity and Security
Environment and Energy Management
New Product/Service Development and Commercialization
This is a partial list of areas of research available at UB.

University of Business and International Studies, Switzerland

Yes. International Business, Intl. Finance, Banking, International Relations

University of California, San Diego, USA

Engineering and Information Technology collaborations with IIT schools and other top institutions

University of Cape Town, South Africa

Population Balance Modeling
Multiphase Flow
Computational Fluid Dynamics
Polymer Reaction Engineering (Ziegler-Natta systems)
Bubble column reactors
Hydrogen Fuel Cells
Industrial process tomography
Tank Bioleaching of Sulphide Minerals
Application of simulations in science and engineering education
The main outcome of my work is simulation software and I'd be very interested in working with Indian Companies to introduce our software as plant operator training simulators or model-based controllers.
Manufacturing and Operational Excellence
Manufacturing Processes
Operations
Laser Applications
Health Care Service Delivery
Complex Systems Failures

University of Central Arkansas, USA

At this time, we will focus on teaching collaborations

University of Hawaii at Manoa, USA

Natural Sciences: Earth, Ocean & Atmospheric Sciences, International Management, Tropical Agriculture, Engineering, Computer Science, Biomedical Science, Public Health

University of Hawaii, USA

Engineering, Space Science, Natural Sciences, Social Sciences

University of Ibadan, Nigeria

University of Ibadan is interested in establishing research collaborations with Indian institutions in the areas of Medicine, Engineering, Earth and Life Sciences, Agriculture, and Business particularly at the postgraduate level. As the largest postgraduate training and research institution, we are interested in research collaborations that impact significantly in the lives of communities in developing countries and as such wish to partner with institutions willing to share experiences and engage in comparative studies.

We are interested in strengthening our institution's capacity to conduct cutting edge research in the Earth and Life Sciences including Biomedicine and wish to use the opportunity of the summit to partner with relevant research laboratories and explore possibilities of linkages for postgraduate training, fellowships and capacity building. We would also like to collaborate with relevant Indian companies in this regard, particularly those who do business in Africa.

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University of Johannesburg, South Africa

We would like to collaborate on various areas of Research undertaken by their, university., See www.uj.ac.za

University of Lagos, Nigeria

Yes. Various Areas

University of Massachusetts-Boston, USA

Doctorate/Post-Doc –Chemistry

University of Muhammadiyah Jakarta, Indonesia

1. Women Empowerment
2. Education
3. Social Welfare

University of Nottingham, UK

We are mainly interested in Chemistry, Chemical Biology and Medical related Sciences. We are interested in potentially licensing technology to Indian companies and organizations

University of Oregon, USA

At this point we are open to many areas of research collaboration with Indian institutions. The University of Oregon offers courses in the humanities, social sciences, hard sciences, business, education, music and dance, journalism and communications, architecture, arts, planning, public policy, conflict resolution, and law.

University of Rochester, USA

We are interested in establishing research partnerships (including partnerships that involve graduate education) in all areas of the Humanities, Social Sciences, Natural Sciences and Engineering.

University of Southern California, USA

Yes, with institutions engaged in Education Research at Primary, Secondary and Tertiary Levels. This includes Research related to Student learning and Motivation, Educational Policy Making, Reform, Finance and Governance, and Teacher Education.

University of St Andrews, UK

1. Computer Science: including research in Communications, Networking and Sensing, especially Wireless Systems, Mobile Systems, Sensor Networks, “Green” (Energy Efficient) systems, next generation networks, security and privacy, and empirical studies based on measurement. We are particularly interested in working with Indian institutes to discuss strategies for working in remote, rural areas and developing infrastructures in regions with limited infrastructures. Application areas of interest include e-Health, e-Agriculture, remote working. We are also interested in security and privacy, especially for opportunistic and delay-tolerant communication for areas with lack of infrastructure networks.
2. Biochemistry/Biomedical sciences- interest in Molecular Mechanisms underlying Rheumatic Fever and rheumatic heart disease, structural basis of host recognition by streptococcal proteins. Looking for collaborations with Indian Research Institutes, Hospitals and Pharma/Biotech Companies. One major goal is to develop a simple diagnostic test for the identification of Rheumatogenic Streptococci strains
3. Plant Sciences- research in nitrogen use efficiency and nitrogen assimilation in crops
4. Chemistry: chemical biology, research in natural product and diversity-orientated synthesis, chemical genetics
5. Chemistry: energy science and engineering, nanomaterials for energy
6. Chemistry: interest in area of surface science and molecular electronics
7. Mathematics: Pure Mathematics (Algebra, Analysis, Combinatorics); Applied Mathematics (Fluid Mechanics, Solar Theory); Statistics (Ecological Statistics)
8. Modern Languages: Arabic, French, German, Italian, Russian, Spanish. Particularly interested in links with Comparative Literature (taught in English translation)
9. Social Sciences and Psychology: current projects on ‘participation in collective events’ such as the Magh Mela at Allahabad/Prayag; collaborations on Hindu-Muslim relations and the experience of lower caste members. Keen to maintain and develop this work.
10. Computer Science: including research in communications, networking and sensing, especially wireless systems, mobile systems, sensor networks, “green” (energy efficient) systems, next generation networks, security and privacy, and empirical studies based on measurement. We are particularly interested in working with Indian institutes to discuss strategies for working in remote, rural areas and developing infrastructures in regions with limited infrastructures. Application areas of interest include e-Health, e-Agriculture, remote working. We are also interested in security and privacy, especially for opportunistic and delay-tolerant communication for areas with lack of infrastructure networks.
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12. Chemistry: chemical biology, research in natural product and diversity-orientated synthesis, chemical genetics (<http://www.eastchem.ac.uk/profiles/sta/westwood.html>)
13. Chemistry: existing links (Prof John Irvine) with IISc Bangalore, energy science and engineering, nanomaterials for energy
14. Chemistry: interest in area of surface science and molecular electronics (Prof Manfred Buck <http://www.eastchem.ac.uk/profiles/sta/buck.html>)
15. Mathematics: Pure mathematics (algebra, analysis, combinatorics); applied mathematics (fluid mechanics, solar theory); statistics (ecological statistics)
16. Modern Languages: Arabic, French, German, Italian, Russian, Spanish. Particularly interested in links with Comparative Literature (taught in English translation)
17. Social Sciences and Psychology: current projects on 'participation in collective events' such as the Magh Mela at Allahabad/ Prayag; collaborations on Hindu-Muslim relations and the experience of lower caste members. Keen to maintain and develop this work.

University of the East, Philippines

1. Agricultural Machinery Development.
2. Biomass Energy and Conversion Technologies.
3. Alternative Medicine / Nutraceuticals.

University of Utah, USA

Yes – all areas of engineering and computer science

University of Uyo, Nigeria

ICT capacity development, provision of research facilities/equipment and staff/student training

University of Virginia, USA

We are interested in all fields for research collaboration, academic partnerships and student / faculty mobility.

University of Wisconsin, La Crosse, USA

We are interested in research collaborations based on the areas of study that we offer. All joint research collaborations would be dependant on the approval by the department themselves.

University of Wyoming, USA

Yes. We welcome opportunities for collaborative research in all disciplines across our university, but particularly fruitful areas would be in the provision of rural services, rural economic development, water resource management and the development of clean energy resources

Vytautas Magnus University, Lithuania

Yes. Areas of research collaboration: Biology, Biotechnology, Biophysics, Theoretical Nuclear Physics, Biochemistry.

West Texas A & M University, USA

West Texas A&M University, a member of the Texas A & M University System, would be very interested in research collaboration, particularly in agriculture and the sciences. We have a very strong dry-land agricultural institute and environmental remediation/environmental science program (with applications in agriculture, water, and toxic cleanup). Additionally, we seek collaboration in education (curriculum and instruction, educational leadership, reading and literacy, educational diagnostics, the education of children with disabilities, counseling, and instructional design and technology) and the social sciences with an emphasis in applied research.

We would not be interested in licensing technologies at this time.

West Virginia University, USA

Visual Arts, Music, Theatrical Design, Puppetry, Graphic Design, World Music, Art History, Musicology

Western University of Health Sciences, USA

Yes, Biomedical Sciences & Pharmaceutical Sciences

Widener University School of Law, USA

Widener University School of Law's Global Law Consortium (for the advancement of international legal education) is seeking consortium member throughout the world to work collaboratively on a number of programs including but not limited to: Joint LLB/LLM programs, Summer Law Program in American Corporate Law, Student Exchange program / Semester abroad, Summer Abroad Programs, Scholar-in-Residence Programs, Faculty Exchange Programs, Comparative Business Law Conferences, International and Comparative law Annual Summit.

Yalova University, Turkey

Yes. Social Sciences and Engineering faculty departments have interest to have academic collaborations.