BANGLADESH ACADEMY OF SCIENCES

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Ref: BAS/3(2) CM/2017

Date: 09 January 2017

Director General
Bangladesh Agriculture Research Institute (BARI)
Joydebpur, Gazipur-1701

Subject: Application for India Science and Research Fellowship (ISRF) Programme for 2017

Dear Sir,

In the light of the inter-governmental Agreement between Bangladesh and India concluded in 1982 to promote co-operation in the fields of scientific and technological research and development, Bangladesh Academy of Sciences (BAS) signed a Memorandum of Understanding (MoU) on 16 October 2014 in New Delhi with the Department of Science and Technology, Government of India to coordinate Science and Research Fellowship programme of the Government of India in Bangladesh.

The scope, duration, eligibility of the applicant, value of award and other details are described in the enclosed brochure "**India Science and Research Fellowship (ISRF) Programme in Bangladesh**".

The candidate willing to apply for BAS ISRF Program 2017 is required to have contact with relevant scientist of any Indian Academic and Research & Development organization who will agree to be a host scientist. The candidates need to explore for host scientist from now so that the applications can be submitted in time. The complete application (hard and soft copy) in a prescribed form (enclosed) must reach Bangladesh Academy of Sciences (BAS), National Museum of Science and Technology Bhavan, Agargoan, Dhaka 1207 by 31 January 2017.

In this regard, on behalf of Bangladesh Academy of Sciences, I am requesting you and your colleagues to circulate this announcement among the potential candidates of your organization and send nomination to Bangladesh Academy of Sciences at your earliest convenience. The soft copy of the application is also available at the BAS website www.bas.org.bd

With best regards and many thanks for your kind cooperation,

Prof. Dr. Mesbahuddin Ahmed
Secretary
Bangladesh Academy of Sciences

The Daily Star
DHAKA MONDAY JANUARY 9, 2017, POUSH 26, 1423 BS

দৈনিক ইত্তেফাক
সোমবার, ২৬ পৌষ ১৪২৩
৯ জানুয়ারি, ২০১৭

BANGLADESH ACADEMY OF SCIENCES

National Museum of Science & Technology Bhavan, Agargaon, Dhaka-1207
Phone: +88-02- 8181406, +88-02-8181303, E-mail: office@bas.org.bd,
Website: www.bas.org.bd

BANGLADESH ACADEMY OF SCIENCES (BAS)-INDIA SCIENCE AND RESEARCH FELLOWSHIP (ISRF) PROGRAMME 2017

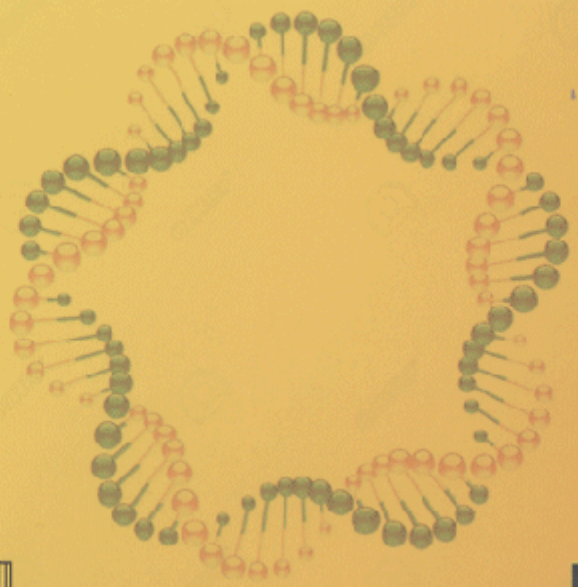
CALL FOR RESEARCH FELLOWSHIP

Bangladesh Academy of Sciences signed a Memorandum of Understanding (MoU) with Department of Science and Technology (DST), Ministry of Science and Technology, Government of India to coordinate Science and Research Fellowship (ISRF) Programme offered by the Government of India in Bangladesh.

In pursuance of the MoU, Bangladesh Academy of Sciences invites applications for India Science and Research Fellowship (ISRF) Programme 2017. The applications from any field of Science (both soft copy and hard copy) should reach the Director, BAS, by **31 January 2017** through e-mail <**office@bas.org.bd**> and by post. For details, BAS website <**www.bas.org.bd**> can be visited.

Prof. Dr. Mesbahuddin Ahmed
Secretary
Bangladesh Academy of Sciences

India Science and Research Fellowship (ISRF) Programme in Bangladesh



Bangladesh Academy of Sciences (BAS)
and
Department of Science and Technology (DST)
Ministry of Science and Technology
Government of India

Bangladesh Academy of Sciences (BAS) and Department of Science and Technology (DST), India Collaboration

India Science and Research Fellowship (ISRF) Programme in Bangladesh

Bangladesh Academy of Sciences signed a Memorandum of Understanding with Department of Science and Technology (DST), Ministry of Science and Technology, Government of India to coordinate Science and Research Fellowship (ISRF) Programme offered by the Government of India in Bangladesh.

The Bangladesh Academy of Sciences (BAS) is the highest professional organization of the country formed with the scientists having outstanding performance and achievement at home and abroad. The Academy has been working for promotion of excellence in science education, research and professionalism for the sustainable development of Bangladesh since 1973. It was founded by the renowned scientists from home and abroad, namely Prof. Dr. M. Quadrat-i-Khuda, Prof. Dr. M.O. Ghani, Prof. Dr. M. Innas Ali, Nobel Laureate Prof. Dr. Abdus Salam and others. It represents Bangladesh to the scientific community of the world. It functions as a think-tank to advise the Government on scientific matters of national and international importance.

The Academy provides grants and scholarships to the students of science at the high school and college levels and offers fellowships for PhD programmes in the country. It recognizes young scientists of outstanding achievements by awarding prizes and medals. The Academy disseminates scientific knowledge among the people through holding conferences, symposia, seminars, workshops, and lectures on scientific topics of national and international importance.

The Academy acts as a focal point organization to many international scientific organizations like International Council for Science (ICSU), Inter Academy Panel on International Issues (IAP), The InterAcademy Medical Panel (IAMP), Italy; The Association of Academies and Societies of Sciences in Asia (AASSA); The Academy of Sciences for the developing World (TWAS) and the like.

The Academy supports champions of different National Olympiads like Science Olympiad, Math Olympiad and Computer Programming Olympiad to attend the World Olympiad events in different countries of the world.

It is hoped that the collaboration between BAS and DST will be enhanced in course of time for promotion of excellence in science and technology in the region.

Professor Dr. Mesbahuddin Ahmad
President
Bangladesh Academy of Sciences

Memorandum of Understanding
Between
Department of Science And Technnology (DST), Govt. of India
and
Bangladesh Academy of Sciences (BAS), Dhaka
For Coordination of
India Science and Research Fellowship (ISRF) Programme in Bangladesh

UNDERSTANDING

Recalling the inter-governmental Agreement between India and Bangladesh concluded in 1982 to promote cooperation in the fields of scientific and technological research and development, this Memorandum of Understanding (MoU) between the Department of Science and Technology (DST), Government of India and the Bangladesh Academy of Sciences (BAS) is to partner in facilitating and administering the DST funded India Science and Research Fellowship Programme (ISRF) in Bangladesh. DST and BAS herewith will be referred to as Parties to the MoU.

The Department of Science and Technology, Government of India has agreed to launch and support the India Science and Research Fellowship (ISRF) Program. This Fellowship will enable up to ten researchers every year from Bangladesh to undertake scientific research in any academic or R&D institution in India for a period ranging from 3 to 6 months. The Fellowship will cover monthly stipend, return air fare, visa charges and a fixed contingency grant for each awardee. This MoU is an understanding between DST and BAS to internalize the process of coordination of India Science and Research Fellowship Program for Bangladesh.

RESPONSIBILITIES OF EACH PARTY

DST

- Undertake the responsibility of oversight of the program including all policy matters concerning implementation including guidelines and timelines of the India Science and Research Fellowship program and provide these inputs to BAS from time to time.
- In India, the Center of International Cooperation (CICS), Chennai, which is an institution of the Indian National Science Academy (INSA), will implement the ISRF program on behalf of DST.

- CICS Chennai through the expert committee constituted by DST will select ISRF Fellowship awardees.
- The visit of selected Awardees will be facilitated by CICS on behalf of DST.
- DST will provide the necessary fellowship funds to CICS Chennai for disbursement of the Fellowships to the awardees through their respective host institutions in India.
- CICS will undertake necessary outreach of the Fellowship program in India and also coordinate with the host institutions in India.

BAS

- Identify research areas of priority to be considered under the Fellowship in consultation with DST.
- Finalization of call text and timelines and launch the application announcement in consultation with the Center of International Cooperation (CICS), Chennai, India.
- Prepare all outreach materials both soft and printed contents towards advertisement in scientific journals, print media and website in Bangladesh.
- Receive applications against Call issued for the Fellowship Program.
- All applications received against the Call will be peer reviewed by an expert committee constituted by BAS. Up to twenty pre-screened applications will be provided to CICS, Chennai for final selection of awardees.
- Undertake all relevant tasks towards implementation viz. yearly timeline of activities; constitution of scientific expert panels/ committee for evaluation; screening of applications; debriefing of the Fellows etc.

PROGRAMME IMPLEMENTATION PROCESSES

Applications will be evaluated on the basis of intellectual merit, creativity and innovation, feasibility of approach, applicant's scientific credential, complementarity and scientific deliverables/expected outcomes keeping in view the national needs towards human capacity building in areas of science and technology. Any conflict of interest should be avoided.

International Bilateral Cooperation Division (IBCD) of the DST will represent DST in its interactions with BAS.

VALIDITY

This MoU will be valid for implementing two call cycles from the date of its signing which may be further extended on mutual consent by both sides in writing between the Parties.

Signed on October 16, 2014 in New Delhi and in two originals both in English.

Sd/-
(Dr. Arabinda Mitra)
Advisor & Head
International Bilateral cooperation
Department of Science & Technology
Government of India

Sd/-
(Prof. Mesbahuddin Ahmad)
President
Bangladesh Academy of Sciences
Dhaka, Bangladesh

INDIA SCIENCE AND RESEARCH FELLOWSHIP (ISRF)

INTRODUCTION

The dynamics of the 21st century knowledge economy is being progressively driven by scientific and technological capabilities of a nation. The economic growth, prosperity and development of a country is increasingly being determined by its S & T competence and strength rather than its material and resource base. Recognizing that S & T is an important instrument in the growth paradigm, both developed and developing countries have evolved S & T policies to augment and strengthen their research infrastructure and technology intensity. India over the years has evolved a policy and program framework aimed at strengthening research and education infrastructure, building excellence and capacity in science for fostering knowledge creation and promoting innovation. India with its long culture and tradition in science has positioned itself as one of the leading countries in basic research supported through a vast network of apex R & D institutions. India is keen to enter into partnerships with its neighbouring countries to foster closer scientific and technological collaboration through human capacity building in advanced areas of research and development. The India Science and Research Fellowship (ISRF) aims at providing opportunities to researchers and scientists from Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka to undertake R & D at premier research and academic institutions in India.

SCOPE AND DURATION OF FELLOWSHIP

India Science and Research Fellowship is to provide opportunity to scientists and researchers from neighbouring countries namely Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka to work in contemporary research areas across all major disciplines of science and technology including engineering and medical sciences at premier research laboratories and academic institutions in India.

Up to 50 fellowships will be awarded annually under this scheme. The fellowship applications will be considered once a year by a Selection Committee.

FEATURES

- Enable to undertake cutting edge research work in India
- Open to faculty, scientists and researchers in science, engineering and medicine
- Monthly sustenance allowance and one time contingency grant
- Return airfare

TYPE AND DURATION OF FELLOWSHIP OFFERED

- Visiting Fellowship: for durations between 3 to 6 months

DEADLINE FOR RECEIVING APPLICATIONS

- 15th January every year

ELIGIBILITY

The Applicant

- Applicant should be a citizen/permanent resident of Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka.
- The applicant should be actively engaged in research at a University or research institution in their country in various areas of science and technology including engineering and medical sciences.
- Minimum Qualifications: Ph.D/M.Tech/M.Sc/MBBS with 3-5 years research or teaching experience.
- Must be below 45 years of age (as on 31st December of the previous year of selection).
- The applicant should posses a valid passport.
- Must not hold any visa for temporary or permanent residency in India.

VALUE OF AWARD

Fellowship Allowance

- Rs. 50,000/- per month which includes accommodation.

Contingency grant to Fellow Scientist

- Rs. 10,000/- as one time contingency grant.

Contingency research grant for host scientist (through institution)

- Rs. 20,000/- as one time grant.

Airfare

- Round trip air ticket of economy class from the place of employment in their own country to the Indian host institute, through shortest route. Local transport by Road/rail between the nearest airport and the host institute in India.

Visa fee

- Will be reimbursed.

HOW TO APPLY

- Researchers/scientists actively engaged in research at a university or research institution meeting the eligibility criteria should apply using prescribed format (can be downloaded from the websites www.cics.tn.nic.in; www.dst.gov.in) to respective implementing agency in partner country (if available) or CICS, Chennai.
- If the respective implementing agency in partner country is not available, Applications may be submitted as hard copy or scan copy with supporting documents.

Hard Copy to:
The Director
Centre for International Co-operation
in Science(CICS)
No:2, Gandhi Mandapam Road,
Chennai - 600025

Soft Copy to:
Email : dircics@gmail.com

- The last date for receipt of the applications is 15 January every year. No application submitted beyond the deadline will be accepted.

SELECTION PROCESS AND NOTIFICATION

a) Selection Process: Pre-screening of applications will be undertaken by the implementing Agency in partner country solely based on scientific merit and proposed contribution to advanced research in the subject/ field. Final selection and award decision will be made by DST, Ministry of Science and Technology, Govt. of India through their implementing agency, CICS, Chennai, India.

b) Notification of selection results: Award intimation will be sent to the successful candidates by the Department of Science & Technology, Govt. of India through CICS. The names of the awardees, host researchers and institutions as well as their research themes will be posted also on the websites of DST, India; CICS, Chennai and the respective Indian Embassies.

c) Placement Process:

- Candidates are required to finalize the dates of fellowship jointly with host Indian scientist.
- The selected candidates will be issued visa by Indian Mission in their country.
- For visa issuance, selected candidates will be required to approach Indian Mission with all documents and travel plan.
- A copy of these documents and other travel details must be sent to CICS, Chennai, India.

OBLIGATION OF THE FELLOW/INTERN RESEARCHER:

The research fellows are expected to strictly observe the regulations stipulated below and those of the host institution. Failure to follow these may result in the withdrawal of the Fellowship.

a) Fellow must stay in India continuously during the accepted tenure of their fellowship and devote his/her maximum working time on the research work at the host institution. Fellow should not engage in any other work, either paid or unpaid, during the tenure of the Fellowship.

b) Only due to any unforeseen circumstances a Fellow will be allowed to leave India before completing the full tenure of the fellowship after seeking due permission of Indian Host Institute, CICS/DST and parent institution. In such circumstances, the fellowship amount proportional to remaining period shall not be paid.

c) The Fellow shall follow the rules established by the host institution and DST, including prohibiting acts of research misconduct (e.g. fabricating or falsifying research results) and misuse of research fund (e.g. use for private purpose or for purposes other than the approved research activity).

d) The Fellow shall not either in or outside the host institution, infringe in any way on the human rights of others, including racial or gender discrimination or other forms of social abuse.

e) The Fellow must submit a detailed research report after completion of his/her tenure duly endorsed by the host researcher to DST and CICS.

f) The selected Fellow should have his/her own medical insurance for the period of stay in India

ABOUT DST

The Department of Science and Technology of the Ministry of Science & Technology, Government of India is mandated to nurture, foster and promote scientific and technological research and development in India. DST is the major agency in the country for the promotion of basic and applied sciences through intramural and extramural research funding across disciplines and institutions. This includes support to both human capacity development and research infrastructure building. The Department plays a critical role in supporting technology development capabilities in non-strategic sectors including societal interventions through science and technology and the promotion of innovation and techno-enterpreneurship. DST is also responsible for the formulation of the science, technology and innovation policy of the country including other R&D enabling policies of the Government of India. One of the core responsibilities of DST is to enter into international cooperation, partnerships and alliances required for promoting bilateral, regional and multilateral S&T collaborations. (www.dst.gov.in)

ABOUT CICS

Centre for International Co-operation in Science (CICS) is a society registered under the Tamil Nadu Societies Registration Act, 1975. The Centre is mandated to promote S & T co-operation for the mutual benefit of the scientists of developing countries from Asia, Africa, Latin America and Arab regions.

The focus is on providing opportunity for developing country (other than India) scientists to carry out research in premier research institutions in India. CICS co-ordinates the INSA-JRD Tata Fellowship, DBT-TWAS Fellowship and the JNCASR-CICS Fellowship for developing countries scientists/researchers and Travel Fellowship scheme and Women Scientists Scholarship Scheme (WOS-C) for Indian Nationals. (www.cics.tn.nic.in)

CICS, Chennai implements the ISRF program on behalf of DST.

More details about the ISRF Fellowship Scheme could be obtained from

CONTACTS IN INDIA

CICS Contact

Dr. A. Amudeswari
Director
Centre for International Co-operation in Science (CICS)
No: 2, Gandhi Mandapam Road
Chennai - 600025, INDIA
Email: dircics@gmail.com

DST Contact

Shri. R.K. Sharma
Scientist-E
International Bilateral Cooperation Division
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi - 110016, INDIA
Email: sharma_rk@nic.in

Partnering Agency contact in respective Country

Bangladesh
Dr. Mohammed A Mazed
Director , Bangladesh Academy of Sciences
National Museum of Science & Technology
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Phone: +88 02 9125571; Fax: +8802 8117049

Department of Science and Technology (DST)
Ministry of Science and Technology
Government of India

Centre for International Co-operation in Science (CICS)
Chennai-600 025

India Science and Research Fellowship Programme (for Scientists/Researchers from Afghanistan, Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka)

APPLICATION FORM

I. PERSONAL INFORMATION

Name	FIRST		MIDDLE	LAST	
Date of Birth	DD	MM	YY	Gender	
Nationality				Male	Female
Father's Name					
Mother's Name					
Institutional Address					
Present Position					
Tel (Off) Tel (home) Mobile (if any)			Fax		
E-mail					
Passport Details	Passport Number	Date of Issue	Place of Issue	Validity period	

II. ACADEMIC QUALIFICATION (Bachelor's degree onwards)

Examination passed	Year of passing	Institution	Major subjects/ specialization	Grade

Other Qualification (if any) :

Academic Awards (if any):

Title:	Year:
1. 2. 3. 4. 5.	

English Language ability:

Writing	Excellent	Good	Fair
Reading	Excellent	Good	Fair
Speaking	Excellent	Good	Fair

III. EMPLOYMENT DETAILS

Name and address of Employer	Position held (Temporary/ permanent)	Duration (From…to)

IV. CURRENT RESEARCH ACTIVITIES

Areas of Research	

No. of papers published (In refereed Journals), books, patents etc.	Please also attach the list

IV. STATEMENT OF RESEARCH WORK TO BE UNDERTAKEN IN INDIA & ITS RELEVANCE TO SCIENTIFIC DOMAIN/ DEVELOPMENTAL REQUIREMENTS

Subject Area & Keywords

Research Proposal Title:
(Attach Brief Research Proposal)

No.	Choice of Institution in India (If in contact attach consent letters from host scientist)
1.	
2.	
3.	

Preferred Period of work from (Date format given below)

DD	MM	YY	to	DD	MM	YY

V. PAST PROFESSIONAL VISIT ABROAD

No.	Year	Country Visited	Purpose of visit	Funding Agency
1.				
2				
3				
4				
5				

Are you currently applying for any other fellowship or research support for a visit to India?

Other details (if any)
Applicant's Signature **Date**

Forwardel by
Head of Institution with Signature & Office Stamp

Completed application by electronic copy or hard copy with following documents should be submitted to the CICS, DST or respective Implementing agency in their country.

India	Partner country
CICS The Director Centre for International Co-operation in Science (CICS) No: 2, Gandhi Madapam Road Chennai – 600025 Email : dircics@gmail.com **DST** Shri. R.K. Sharma Scientist-E International Bilateral Cooperation Division Department of Science & Technology Technology Bhawan, New Mehrauli Road New Delhi - 110016 Email: sharma_rk@nic.in	**Bangladesh:** Dr. Mohammed Mazed Director, Bangladesh Academy of Sciences National Museum of Science & Technology Agargoan, Dhaka-1207, Bangladesh E-mail: office@bas.org.bd; mazed.bas@gmail.com Phone: +88 02 9125571 Fax: +88 02 8117049

LIST OF DOCUMENTS TO BE SUBMITTED
Along with application

The prescribed application form for applying to ISRF Scheme can be downloaded from the CICS website (www.cics.tn.nic.in), DST website (www.dst.gov.in). The filled application form should be forwarded by an appropriate authority at the Home Institution with the following mandatory documents.

a) A brief write-up describing the proposed research work

b) Copy of degree certificate for highest qualification

c) Reprints of two recent publications in refereed journals

d) Copy of valid passport showing the passport number, photograph, date of birth, date of issue, date of expiry and the residential address

e) A No Objection Certificate (NOC) (format enclosed with the application form) from the Home Institution on Institute letter head. (format in pg. 6)

f) Letter of Acceptance from the Indian host supervisor in Institute letterhead for carrying out applicant's research work in India. Wherever necessary CICS can assist the researcher in identifying a host institution.

g) Two passport size photographs.

h) A latest updated CV.

NO OBJECTION CERTIFICATE (NOC) from the Parent Institute
(On Institute's letter head)

To
The Director
Centre for International Co-operation
in Science (CICS)
Chennai, India

Sub: Letter of Consent for application to the ISRF Programme - (name of the candidate)

Mr./Ms./Dr.....is an applicant for the ISRF programme in India.
Mr./Ms./Dr.....has been employed in this institute as .....
for the past .....years.

We have no objection to support the application of ----------. If selected, ---------- will be permitted to undergo the fellowship.

Yours faithfully,
(Signature of the head of the Institute with Seal)
Date