

Indian National Science Academy
Bahadur Shah Zafar Marg, New Delhi-110002

No.IA/SL-2010-2011/
February 11, 2010

OFFICE MEMORANDUM

Sub: Nomination of Indian scientists to visit abroad under International Collaboration/Bilateral Exchange Programme during 2010-2011.

On the recommendations of the Inter-Academy Exchange Committee, the Academy has short-listed the name of **67** Indian Scientists (***List placed at APPENDIX-I***) to visit abroad to under International Collaboration/Bilateral Exchange Programme during 2010-2011 with 50% travel support. The local hospitality and internal travel will be borne by the host Academy/Organization in the visiting country as per the norms. With the objective to develop long term scientific linkages among Indian and Foreign Scientists, the Scientists nominated under the Exchange Programme are expected to develop Joint Research Project(s) with their counterpart host abroad in consonant with the regular ongoing research programme in the Department/Institution.

The selected Scientists may send to the Academy (INSA) the following documents duly completed through proper channel along with their consent on the offer (***one copy of the documents by post and one copy through E-mail: intacademy@insa.nic.in***):

1. Form of Proposal (***APPENDIX-II***)
2. Certificate duly signed by the Head of the Organisation/Institute (***APPENDIX-III***)
3. Outline of the research proposal to be initiated with the host scientist abroad.

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According to the guidelines of the Academy, the Scientists considered for nomination under the programme are expected to undertake the visit within the financial year up to **31st March 2011** and it is subject to the acceptance by the host Academy/Organisation. In the absence of the acceptance to this offer and the above documents by **31st October 2010**, it will be presumed that the Scientist is not interested in availing the offer and the nomination will be automatically stand cancelled.

In case the visit is planned prior to **June 2010**, the above papers may be sent immediately.

Sd/-
(A.K. Jain)
Inter Academy Officer

Encl:

1. **APPENDIX-I** List of the nominated Scientists.
2. **APPENDIX-II** Form of Proposal
3. **APPENDIX-III** Certificate to be signed by the Head of the Organisation/
Institute

APPENDIX-I

LIST OF THE 67 INDIAN SCIENTISTS SELECTED FOR NOMINATION UNDER INTERNATIONAL COLLABORATION/EXCHANGE PROGRAMME (2010-2011)

BRAZIL

Name, Age and Address	Research Area	Duration of visit
Prof. S. Chakraverty (46) Department of Mathematics, National Institute of Technology, Rourkela-769008 Orissa	Mathematical and Computational Modeling	2 weeks
Dr. Ratan Kumar Dey (41) Reader, Deptt. of Applied Chemistry, Birla Institute of Technology (BIT), Mesra, Ranchi-835215 Jharkhand	Physical Chemistry	3 Months
Prof. S. K. Tandon (64) Pro Vice –Chancellor and Professor of Geology, Office of the Pro Vice- Chancellor, University of Delhi, Delhi-110007	Earth Sciences	3 weeks

CHINA

Name, Age and Address	Research Area	Duration of visit
Prof. Anoop Chaturvedi (55) Department of statistics, University of Allahabad, Allahabad-211002	Econometrics and Time Series	4 Weeks
Prof. A. Mukhopadhyay (55) Department of Zoology, University of North Bengal, Dist. Darjeeling-734013	Agricultural Sc/ Microbiology	4 weeks

CZECH REPUBLIC

Name, Age and Address	Research Area	Duration of visit
Dr. K.K Raina (52) Deputy Director and Dean Faculty Affairs, Professor of Physics and Material Science, Thapar University, Patiala-147004	Liquid Crystal Res.	4 weeks

GERMANY

Dr. S. Bhattacharjee (53) Scientist F, Colloids & Materials Chemistry Dept Institute of Minerals & Materials Technology (IMMT), Bhubaneswar-751013	Material Science & Technology	8 Weeks
Prof. S. Bhattacharyya (49) Surface Physics Division, Saha Institute of Nuclear Physics, 1/AF Bidhan Nagar, Kolkata-700064	Ion-Solid Interaction, Material Physics, Thin Films	3 Months
Prof. U.P. Verma (56) School of Studies of Physics, Jiwaji University, Gwalior-474011 (M.P)	Electronic structure and magnetic Properties	3 Months
Dr. D. S. Negi (44) Associate Professor Chemistry Department, PO Box No75 HBN Garhwal University, Srinagar (Garhwal) Uttarakhand-246174	Organic/Natural Products Chemistry	3 Months
Dr. S. T Nandibewoor (56) Prof. & Chairman, PG Dept. of Studies in Chemistry, Karnataka University, Dharwad-580003	Physical Chemistry	3 Months

Dr. Sudipta De (43) Mechanical Engineering Department, Jadavpur University, Kolkata-700032	Clean and sustainable energy Technology	4 Weeks
Dr. (Mrs.) Jayashree Bijwe (53) Industrial Tribology Machine Dynamics & Maintenance Engineering Centre (ITMMEC)- Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016	Tribology	4 Weeks
Prof. Sri Niwas, FNA (63) Deptt. Of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee-247667	Geophysics	3 Months
Dr. R. K. Tiwari (55) Scientist 'G' National Geophysical Research Institute, Uppal Road, Hyderabad-500007 (AP)	Time Series analysis and modeling of long and short Term Geophysical Processes	3 Weeks
Prof. S.C. Maheshwari (76) INSA Honorary Scientist, University of Delhi, South Campus, Benito Juarez Road, New Delhi-110021	Plant Biology	4 Weeks
Prof. Vinay Sharma (52) Head, Dept. of Bioscience & Biotechnology, Banasthali University, P.O. Banasthali Vidyapith, Rajasthan-304022	Biological Sciences (Plant Host-Pathogen Interaction)	3 Weeks
Prof. R. Rabindran (53) Department of Plant Pathology, Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore-641003	Plant Virology	3 Months

Prof. M. Sabesan (53) Head, Dept of Zoology, Annamalai University, Annamalai Nagar-608002	Neuroscience	4 Weeks
Prof. M. Krishnan (53) Head, Department of Environmental Biotechnology, School of Environmental Sciences, Bharathidasan University, Tiruchirappalli-620024 Tamil Nadu	Protein Chemistry	4 Weeks
Prof. H. P. Puttaraju (55) Co-ordinator, Biological Sciences, School of Natural Science, Bangalore University, Jnanabarathic Campus, Bangalore-560056	Insect Symbiosis	3 Months
Prof. Om Prakash Mishra (53) Department of Pediatrics Institute of medical Sciences, Banaras Hindu University, Varanasi-221005	Pediatrics	4 Weeks
Prof. Ashok Kumar (50) Department of Pediatrics, Institute of Medical Sciences, Banaras Hindu University, Varanasi-221005	Neonatology	3 Weeks
Dr. Chandishwar Nath (56) Scientist G, Head, Division of Toxicology Central Drug Research Institute, Lucknow-226001	Pharmacology and Toxicology	4 Weeks

Dr. Azizuddin Khan (36) Assistant Professor, Psychophysiology Lab, Dept. of H.S.S, Indian Institute of Technology Bombay, Powai-400076 Mumbai	Cognitive Neuropsychology	3 Weeks
Dr. Aamir Nazir (35)) Scientist C Division of Toxicology, Central Drug Research Institute, (CSIR), Lucknow-226001	Functional Genomics, Drug Research	3 Months
Dr. (Mrs.) Ritu Barthwal (58) Dept. Biotechnology, Indian Institute of Technology, Roorkee, Roorkee-247667	Life Science/ Basic Biotechnology- Molecular Biophysics	6 Weeks
Dr. S. K. Maiti (47) Senior Scientist, Surgery Division, Indian Veterinary Research Institute Izatnagar-243122 (U.P.)	Veterinary sciences	3 months
Dr. Y. Ramana Reddy (40) Associate Professor Department of Animal Nutrition College of Veterinary science Rajendranagar, Hyderabad-500030	Ruminant Nutrition	3 months

HUNGARY

Name, Age and Address	Research Area	Duration of visit
Prof. Khwaja Salahuddin Siddiqi (64) Department of Chemistry, Aligarh Muslim University, Aligarh-202002	Inorganic Chemistry	4 Weeks

JAPAN

Name, Age and Address	Research Area	Duration of visit
Dr. K. L. Yadav (43) Associate Professor Department of Physics Indian Institute of Technology Roorkee, Roorkee-247667	Physics	6 Weeks
Dr. B. Subramanian (39) Scientist C Electrochemical materials Sciences Division Central Electrochemical Research Institute, Karaikudi-630006 Tamilnadu	Nano Structured Hard Coatings for Bio medical applications	2 Months
Prof. P.T. Manoharan, FNA (74) Ramanna Fellow, SAIF Indian Institute of Technology Madras, Chennai-600036 (TN)	Spectroscopy of Inorganic / Bioinorganic Molecules	3 weeks
Dr. G. S. Suresh (46) Associate Professor, Chemistry Research Center, S.S.M.R.V. Degree College, IV "T" Block, Jayanagar, Bangalore-560041	Direct Methanol Fuel Cells	6 Weeks
Prof. R. K. Sharma (52) Department of Chemistry, University of Delhi, Delhi-110007	Bio-inorganic	4 weeks
Prof. K. Chattopadhyay (59) Chairman, Division of Mechanical Sciences & Professor Deptt. of Materials Engineering Indian Institute of Science, Bangalore-560012	Materials Engineering	3 Weeks
Prof. B. Yegnanarayana, FNA (65) International Institute Of Information Technology (Deem University), Hyderabad, Gachibowli, Hyderabad-500032	Speech Signal Processing	3 Weeks

Prof. K. Rajanna (57) Professor and Chairman Department of Instrumentation, Indian Institute of Science, Bangalore-560012	Sensors/MEMS	3 Weeks
Dr. Prantik Mandal (44) Scientist-E-II Room No 242, Extension Building, National Geophysical Research Institute, Hyderabad-500007 (AP)	Seismology	3 Weeks
Dr. Kaushik Das (43) Lecturer Department of Geology, Bengal Engineering and Science University, Shibpur, Howrah-711103 (WB)	Earth sciences	2 Months
Prof. Timir Baran Jha (55) Head, Dept. of Botany, Presidency College, Kolkata-700073 (WB)	Plant Biotechnology	3 Weeks
Prof. M. S. Jairajpuri, FNA (67) INSA Honorary Scientist, Department of Zoology, Aligarh Muslim University, Aligarh-202002	Nematology	3 Weeks
Dr. T. Subramoniam, FNA (68) INSA Senior Scientist, National Institute of Ocean Tech., Pallikaranai, Chennai-600100	Invertebrate reproductive Biology & Cryobiology	3 Weeks
Prof. S. Sivaramakrishnan (40) Assistant Professor, Dept. of Biotechnology, Bharathidasan University, Tiruchirappalli-620024	Agriculture Biotechnology	2 Months

KOREA

Name, Age and Address	Research Area	Duration of visit
Dr. Ansu J. Kailath (42) Scientist C MST Division, National Metallurgical Laboratory Jamshedpur-831007	Nanostructured metallic materials	2 Months
Prof. A. Maitra, FNA (67) INSA Senior Scientist, Department of Chemistry, University of Delhi, Delhi-110007	Nanomedicine	3 Weeks
Dr. N. Dharamaraj (42) Reader Department of Chemistry, Bharathiar University, Coimbatore-641046	Nanomaterials	2 Months
Dr R. Ramesh (44) Reader School of Chemistry, Bharathidasan University, Tiruchiraplalli-620024 Tamil Nadu	Organometallic Chemistry	2 Months
Dr. A. K. Agarwal, YS 07 (37) Associate Professor, Dept. of Mechanical Engineering, Indian Institute of Technology Kanpur Kanpur-208016	Mechanical Engineering	3 Weeks
Prof. D.K. Maheshwari Deptt. of Botany and Microbiology, Gurukul Kangri University, Haridwar-249404 Uttarakhand	Rhizoshere Bioengineering	3 weeks
Dr. P. Mehta (59) Professor Department of Botany, Dr. H.S. Gour University, Saugor-470003	Plant Science	4 Weeks

Dr Rajendra Kumar (46) Department of Biotechnology, College of Agriculture, S.V.B.P. University of Agriculture & Technology, Modipuram, Meerut-250110	Agricultural Biotechnology (Molecular Breeding)	2 Months
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NEPAL

Name, Age and Address	Research Area	Duration of visit
Dr. Arun Mohan Isloor (35) Assistant Professor Chemistry Department, National Institute of Technology- Karnataka, Surathkal – Mangalore-575025 Karnataka	Medicinal chemistry	4 weeks

POLAND

Name, Age and Address	Research Area	Duration of visit
Prof. S. Ananthkrishnan, FNA (65) Adj. Prof. & Raja Raman Fellow, Electronic Science Deptt., University of Pune, Ganeshkhind, Pune-411007	Space Physics Astronomy	17 Days
Dr. Ramendra K. Singh (48) Senior Lecturer Nucleic Acids Research Laboratory University of Allahabad, Allahabad-211002	Organic Chemistry	3 Months

Dr. Subir Sarkar (53) Professor & Head, Department of Geography & Applied Geography, North Bengal University, Dist. Darjeeling-734013	Earth Sciences	4 weeks
Dr. Rashmi Srivastava (52) Scientist 'D' Birbal Sahni Institute of Palaeobotany 53 University Road, Lucknow-226007	Tertiary Palaeobotany (Megafossils)	4 weeks
Dr. A. Bhattacharyya (57) Scientist 'E' Birbal Sahni Institute of Palaeobotany 53 University Road, Lucknow-226007	Paleoclimate	3 Months
Prof. Pradeep Jain (53) Professor in Plastic Surgery Institute of Medical Sciences Banaras Hindu University Varanasi-221005	Plastic Surgery- Lymphology	4 Weeks

SCOTLAND

Name, Age and Address	Research Area	Duration of visit
Prof. Bishwajyoti Dey (51) Department of Physics, University of Pune, Pune-411007	Condensed matter Physics	4 weeks
Prof. Y. M. Joshi (34) Associate Professor Department of Chemical Engineering, Indian Institute of Technology Kanpur, Kanpur-208016	Physical Sciences	3 months
Dr. P M. Kessarkar, YS 06 (37) Scientist Geological Oceanography Division, National Institute of Oceanography, Dona Paula, Goa-403004	Marine Biogeochemistry	3 months

Dr. V. Nandakumar (44) Scientist-C Centre for Earth Science Studies, Akkulam, Thuruvikkal P.O, Thiruvananthapuram, Kerala-695031	Granulite Petrology (Earth Sciences)	3 months
Dr. R. Raghavendera Rao, FNA (63) CSIR Emeritus Scientist, Central Institute of Medicinal And Aromatic Plants, Allal Sandra, GK VK P.O., Bangalore-560065	Biodiversity, conservation. Medicinal plants, Plant Taxonomy	2 weeks
Dr. K.C. Gupta (57) Director, Indian Institute of Toxicology Research, M.G. Marg, Lucknow-226001	Nanotechnology	2 weeks
Dr. Amit Baran Sharangi (39) Reader Deptt. of Spices and Plantation Crops Faculty of Horticulture, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur-741252 West Bengal	Spices and Plantation crops	4 weeks

TURKEY

Name, Age and Address	Research Area	Duration of visit
Dr. Syed Ibrahim Rizvi (46) Reader Deptt. of Biochemistry, University of Allahabad, Allahabad-211062	Biochemistry (Analytical Biochemistry)	3 weeks



INDIAN NATIONAL SCIENCE ACADEMY APPENDIX-II

Bahadur Shah Zafar Marg, New Delhi - 110 002

☎ : 23221931 - 23221950 (EPABX)

✉ : intacademy@insa.nic.in, esoffice@insa.nic.in

Fax : 91-11-23221959,23235648,23231095

**Proposal for the Deputation of Scientists under the
Agreement of Scientific Cooperation
(To be typewritten)**

Photo

1. **Country to be visited:**_____
2. **(a) Full Name & Present Position:** **(b) Date of Birth:**
(Indicate Surname first)
3. **Address for correspondence:** *(with Tel.No./Fax/E-mail)*
4. **Brief Bio-data:** *(maximum 200 words)*

5. **Significant Publications:** (*maximum of 4 related to proposed work*)

6. (a) **Duration of visit:** **Days /Weeks/Months**

(b) **Expected Date of Departure from India:**.....

7. **Visit programme:** (with tentative dates)

(Please attach latest correspondence with the host scientists/institutions in the country to be visited)

Name of the host Scientist & Institution

Period of visit

8. **Brief plan of research to be carried out/proposed joint project:**

(Please attach separate sheet)

9. **Title of the lecture:** (*for short term visitors*)

10. **Passport No.** **Date of issue**..... **Place of issue**

Date:

Place:

(Signature of the Applicant)

**CERTIFICATE TO BE SIGNED BY THE HEAD OF
THE INSTITUTE/ORGANISATION/UNIVERSITY**

Certified that Prof./Dr.....
Selected under the Bilateral Exchange Programme of Indian National Science
Academy to visit.....forWeeks / Months, will
be provided 50% air fare (from place of duty to.....
and back) by our Institute/University and the period of deputation abroad will be
treated as on duty. The Institute/University will provide full salary and allowances.

Date.....

Signature of the Head of the
Institute/University/Organization
With seal of the Officer