



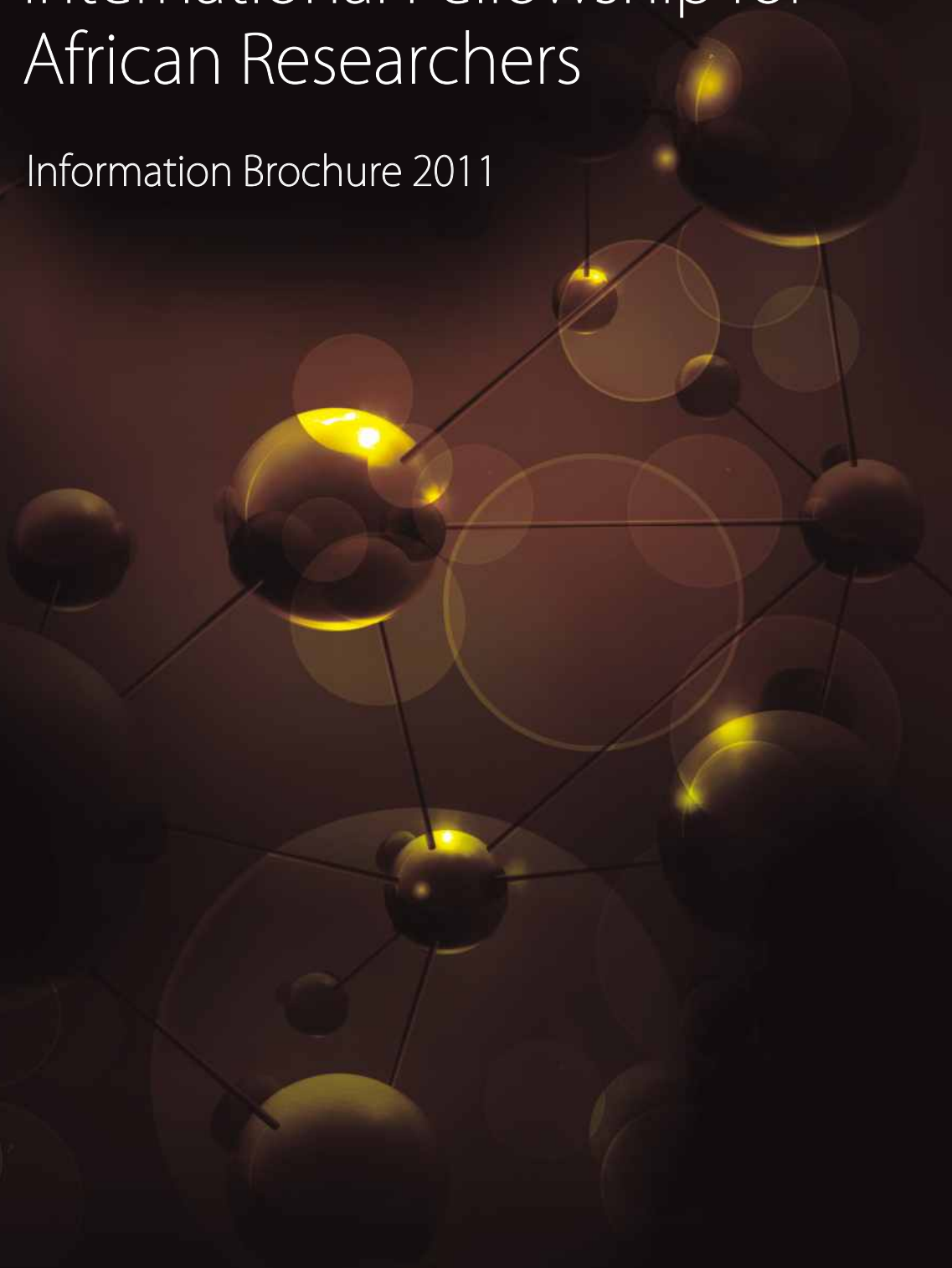
सत्यमेव जयते

Department of Science and Technology
Ministry of Science and Technology
Government of India



C V Raman International Fellowship for African Researchers

Information Brochure 2011



Sir C V Raman (1888 - 1970)

*Notable Indian Nobel Laureate for
Physics, known for discovery of "Raman Effect"*



C V Raman International Fellowship for African Researchers

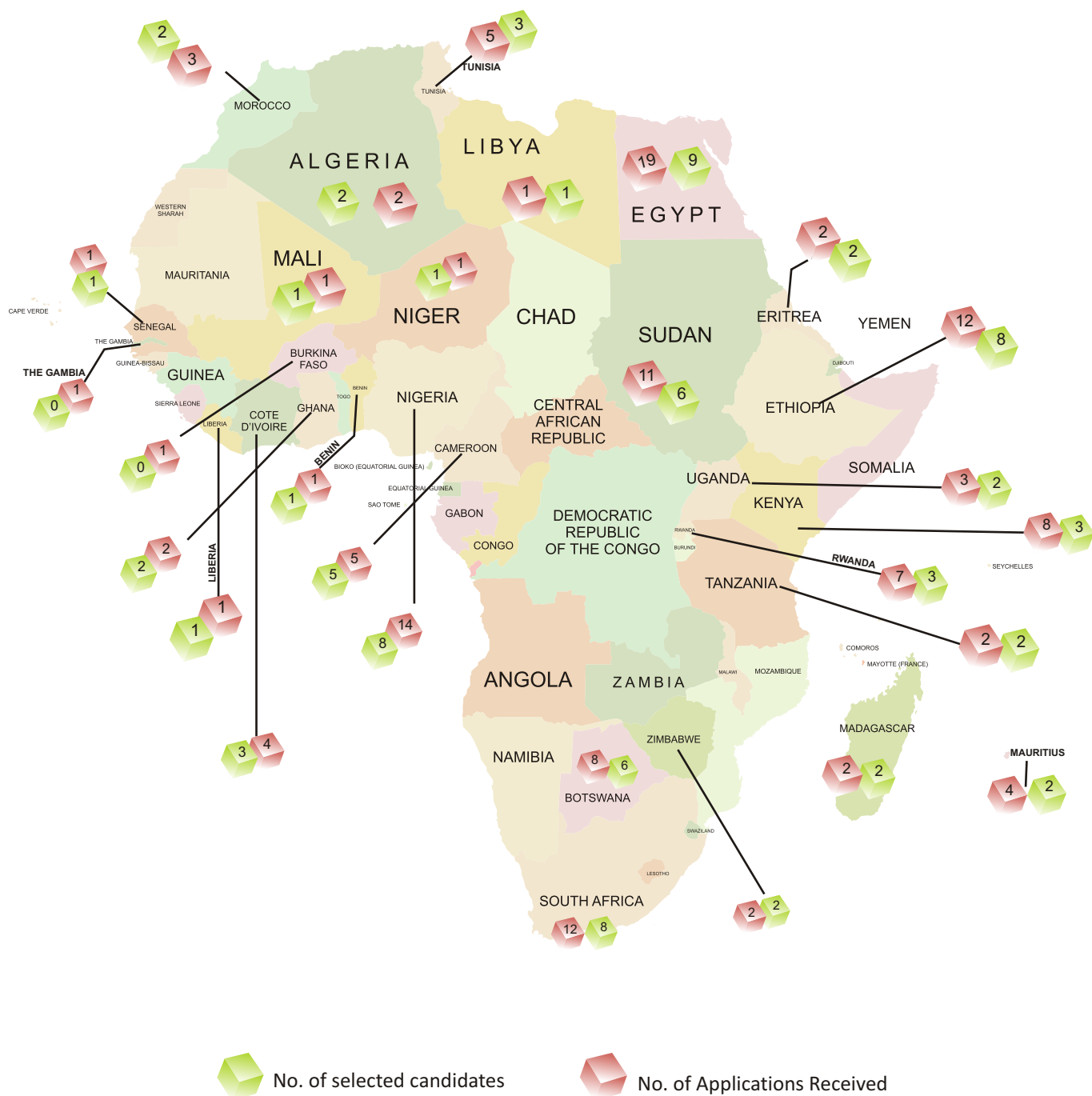
After the tremendous response during the first year of C V Raman International Fellowship Programme for African Researchers, Department of Science & Technology (DST), Government of India, invites the applications for the second consecutive year to promote scientific cooperation with Africa. This prestigious fellowship is aimed at further strengthening the bond between Indian & African nations through Science & Technology collaboration.

Federation of Indian Chamber of Commerce & Industry (FICCI) is the Coordinating Partner for C V Raman International Fellowship Programme. FICCI, on behalf of Department of Science & Technology, invites applications from African researchers for the award of C V Raman International Fellowship to conduct research in Indian institutions in chosen frontline areas of Science & Technology.



1. HIGHLIGHTS OF 2010

- (a) 135 applications were received from 28 countries.
- (b) 86 candidates were selected from 26 countries by the Expert Committee.



Quotes by some of the Fellows for the year 2010-11



Dr. El Said Nouh
Egypt

CV Raman international fellowship program for African researchers, helps people in Africa to conduct research in Indian research laboratories/institutes and offers good conditions and suitable environment for scientific research. This program helps to exchange research experiences from different countries. I am pleased to participate in this program.



Dr. Mohammed Beyan
Ethiopia

The CV Raman fellowship program for African researchers, along with the other supports from India, will have an immense contribution in bringing the scientific communities in India and Ethiopia/Africa together to find out the common gaps and solve problems through research. There are a lot of experiences in research and education in India that can be directly adopted and utilized by Africans.



Dr. Angela Msipha
Zimbabwe

The CV Raman International Fellowship for African Researchers is indeed an appropriate platform for engagement of African researchers in conducting cutting edge research. My exposure at the CSIR-CMERI in Durgapur; where leading research expertise is supported by advanced R & D labs for demonstration work; has been a life changing experience.



Dr. Bukola Olanike Oyebanji
Nigeria

I have been exposed to modern methodologies, especially in the area of cell tissue culture. I am able to carry out experiments for which facilities were not available in my country. I believe this will go a long way in making me a better researcher and teacher.



Prof. Mostafa ELACHOURI
Morocco

It's a great honor and pleasure for me, to be selected by CV Raman International Fellowship for African Researchers 2010. It is an invaluable opportunity for the scientific communities in both India and Morocco. It will lead to the progress of sciences and development of societies.



Dr. Hajanirina Fanomezantsoa Rakotomanana
Madagascar

I hope that my visit contributes significantly to both education and research at the host institution and the wider higher education community.



Dr. Joseph Njuguna KARI
Kenya

One of the greatest benefit for the African scientific community is access to better research facilities and techniques available in India while India scientist will acquire knowledge on how African scientist are tackling challenges faced by farmers in Africa.



Dr. Yefanlan Jose-Mathieu Kone
Ivory Coast

The fellowship provides an opportunity to scientific community in Africa and India to work together on mutually beneficial areas of science.



Dr. Phila Sibandze
South Africa

I am deeply honored to be one of Africa's first researchers to partake in the fellowship at ISRO-SAC in Ahmadabad, exposed to different techniques applied at SAC in their day to day applications of GIS and RS in agriculture. I believe this is the first step to a long journey of collaborative research for India and Africa.



Dr. Oleosi Ntshebe
Botswana

I took up the CV Raman Fellowship for African Researchers as a challenge to learn about the socio-demographic experiences that have shaped the populations of India and Botswana. In addition, the interaction with academic staff and students at IIPS has been stimulating and fulfilling.



Dr. Seleman Rashid Kaoneka
Tanzania

FICCI could also facilitate further collaboration/contact between respective fellow-host institute/scientist and invite other funding agencies, who could help in developing full research project proposals.



2. OUTLINE OF THE FELLOWSHIP

The objective of C V Raman International Fellowship is to provide opportunity for African researchers to conduct, under the guidance of their host in India, collaborative research with universities and other R&D institutions in various areas of Science & Technology. The programme allows such researchers to advance their own research while contributing to the progress of research in India and counterpart countries.

3. FIELDS OF RESEARCH / TRAINING

All fields of natural / engineering sciences including mathematics and statistics are included under this programme. **Humanities and behavioral sciences are not covered in this programme.**

4. TYPES AND NUMBER OF FELLOWSHIP OFFERED

Each African country will have 8 slots of Fellowship under this programme.

- (a) **Post Doctoral Fellowship** : Duration 6 months. Maximum 2 fellowships of 6 months duration each or one fellowship thereof subject to total 12 man-months.
- (b) **Visiting Fellowship** : Duration 3 months. Maximum 3 fellowships.
- (c) **Senior Fellowship** : Duration 1 month. Maximum 3 fellowships.



5. ELIGIBILITY CRITERIA

African scientists / technologists who fulfill the following criteria can submit applications for award of C V Raman International Fellowship.

- (a) Applicant should be a citizen / permanent resident of an eligible country having diplomatic relations with India.
- (b) The applicants should be actively engaged in research at a university or research institution in the African country.
- (c) Minimum Academic Qualifications:
 - (i) **Post Doctoral Fellowship** : Ph.D
 - (ii) **Visiting Fellowship** : Ph.D / M.Tech / M.Sc. (Engg / Technical) or 6 to 10 years working experience
 - (iii) **Senior Fellowship** : Senior Experts / Scientists / Professors
- (d) **Indian Host Institute** : The applicant has to work out a research / training plan with his / her Indian host scientist in the prescribed format. The candidate should himself / herself correspond with his / her proposed host scientist for placement. Applicant is required to produce evidence, in the form of a letter of acceptance, from the proposed host institution. The Indian host scientist, with whom the fellow intends to work, should be a scientist of repute in the proposed field of work. The host researcher must be employed full-time at a university / academic institutions recognized by the Government of India or a research institution of Government of India / State Government in India. The indicative list of S&T institutions in India is given in Appendix 1.
- (e) Candidates who have earlier availed C V Raman International Fellowship will not be eligible for this fellowship again.
- (f) Candidates who were unsuccessful in 2010 programme but interested for current year's programme may do so through a fresh application. Last year's application will not be entertained for current year's selection process.

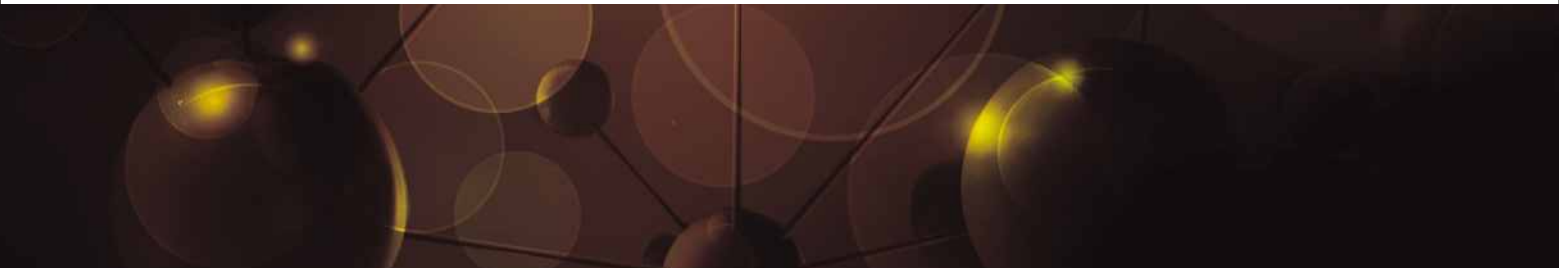


6. TERMS OF AWARD

- (a) Round-trip air ticket in economy excursion class from the place of working in respective country to the Indian airport nearest to the Indian host institute by shortest route and local transport by road / train / air between airport and the Indian Host Institute.
- (b) Sustenance Allowance :
 - (i) Post Doctoral Fellowship : ₹ 40,000/- per month including accommodation.
 - (ii) Visiting Fellowship : ₹ 50,000/- per month including accommodation.
 - (iii) Senior Fellowship : ₹ 50,000/- per month + accommodation (accommodation in host institute's guest house with reasonable facilities / hotel with a cap of ₹ 2500 per day).
- (c) Contingency Grant :
 - (i) Post Doctoral Fellowship : One time contingency grant of ₹ 20,000/-
 - (ii) Visiting Fellowship : ₹ 10,000/-
 - (iii) Senior Fellowship : ₹ 10,000/- + Local travel in India as per approved programme with a cap of ₹ 30,000/-

The contingency grant amount will remain with the host institute and will be given to the candidate as and when required. The candidate is required to produce the bills and vouchers to the host institute.

- Contingency grant may be utilized for consumable materials, chemicals, field work and travel needed by the Fellow in connection with approved research project with approval of Host Scientist of the concerned institution.

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- Contingency grant is not intended for meeting expenditure on furniture, utensils, items normally provided by the College/University/Research Institution.
- (d) The C V Raman Fellows will not accept fellowship / financial assistance from any other source at the host institute during the period of fellowship.

Note: There is no funding for -

- Host Institution Fee
- Honorarium for Host Scientist
- Host Scientist's Travel
- Lab Charges

7. APPLICATION PROCEDURE FOR THE PROGRAMME

The application for this programme is required to be submitted in the prescribed format to FICCI through Indian Missions in the respective countries.

Application process is as follows:

- (a) Contact is made between an African researcher who wishes to conduct research / training in India and his / her prospective host and the placement consent from the Indian host institute is received.
- (b) African researcher submits an application to the concerned Indian Mission in his / her country.
- (c) The concerned Indian Mission selects the candidates and sends application of recommended candidates to FICCI
- (d) Candidates may email advance copy of their application to FICCI. However, these would be considered only after receiving physical copy through Indian Missions.

**** No Direct Applications from the prospective candidates will be entertained under this programme. It has to be routed through the concerned Indian Mission.***



8. DOCUMENTS TO BE SUBMITTED

- (a) Application form (FORM-1) filled by candidate.
- (b) A letter of acceptance / invitation from candidate's prospective host researcher in India, stating that he / she accepts the candidate at his / her institution during period of the fellowship tenure (FORM-2).
- (c) A copy of candidate's educational qualification from Bachelor's degree onwards.
- (d) Passport details along with a copy of passport.

Language of Application

- The application form submitted must be in English.
- All documents must be in English. If the original documents are in other language, kindly enclose the English translation.

9. APPLICATION DEADLINE

31st July 2011



10. SELECTION PROCESS AND NOTIFICATION

(a) Selection Process :

Screening will be conducted by DST's selection committee based on scientific merit and proposed contribution to advance research in the subject field.

(b) Notification of selection results :

Acceptance documents will be sent to the successful candidates. The names of the awardees, host researchers and institutions as well as their research themes will also be posted on DST / FICCI's website.

(c) Placement Process :

- (i) Candidates are required to finalize the dates of fellowship jointly with host scientist.
- (ii) The selected candidates will be issued visa and air tickets by the concerned Indian Mission.
- (iii) Selected candidates are required to approach Indian Missions with all necessary documents and travel plan, as decided along with the host scientist.
- (iv) A copy of such details must be sent to FICCI.

The final decision for grant of Visa lies with the concerned Indian Mission as per their guidelines.



11. OBLIGATIONS OF THE FELLOW RESEARCHER

The research fellows are expected to observe the regulations and procedures stipulated below. If the fellow fails to do so, the fellowship may be withdrawn, as per DST's discretion.

- (a) During their tenure, fellows 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 abuse.
- (b) Fellows must stay in India continuously during the tenure of their fellowship and concentrate on their research at the host institution. Fellow should not engage in other work, either paid or unpaid, during their tenure. If due to any unforeseen circumstances any fellow has to leave India before completing the full tenure, fellowship amount proportional to remaining period shall be deducted.
- (c) The research fellows shall follow the rules established by the host institution and DST, 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).
- (d) The fellow must submit a research report after completion of his / her tenure duly signed by the host researcher to DST through FICCI.

APPENDIX 1

INDICATIVE LIST OF S&T / RESEARCH INSTITUTIONS IN INDIA

This is only an indicative list. Candidates may feel free to contact institutions excluded in the list.

1. Indian Institute of Science (IISc), Bangalore; **www.iisc.ernet.in**
2. IIT Delhi; **www.iitd.ac.in**
3. IIT Bombay; **www.iitb.ac.in**
4. IIT Madras; **www.iitm.ac.in**
5. IIT Kanpur; **www.iitk.ac.in**
6. IIT Roorkee; **www.iitr.ac.in**
7. IIT Khadagpur **www.iitkgp.ernet.in**
8. IIT Guwahati; **www.iitg.ernet.in**
9. IIT Ropar; **www.iitrpr.ac.in**
10. All the State and Deemed Universities recognized under University Grants Commission; **www.ugc.ac.in**
11. All India Institute of Medical Sciences; **www.aiims.edu**
12. Central Building Research Institute, Roorkee -247 667; **www.cbri.org**
13. Central Drug Research Institute, Lucknow-226 001; **www.cdriindia.org**
14. Central Electrochemical Research Institute, Chennai; **www.cecri.res.in**
15. Central Electronics Engineering Research Institute, Pilani-333 031; **www.ceeri.res.in**
16. Central Food Technological Research Institute, Mysore-570 013; **www.cftri.com**
17. Central Fuel Research Institute, Dhanbad-828 108; **www.cfrindia.com**
18. Central Glass and Ceramic Research Institute, Kolkata-700 032; **www.cgcric.res.in**
19. Central Institute of Medicinal and Aromatic Plants, Lucknow-226 015; web **www.cimap.res.in**
20. Central Leather Research Institute, Chennai-600 020; **www.clri.org**
21. Central Mechanical Engineering Research Institute, Durgapur-713 209; **www.cmeri.res.in**
22. Central Mining Research Institute, Dhanbad-826 001; **www.cmriindia.nic.in**
23. Central Road Research Institute, Delhi-Mathura Road; **www.crridom.org**
24. Central Salt & Marine Chemicals Research Institute, Bhavnagar-364 002; **www.csmcri.org**
25. Central Scientific Instruments Organisation, Chandigarh-160 020; **www.csio.res.in**
26. CSIR Centre for Mathematical Modelling and Computer Simulation (C-MMACS), Bangalore-560 037; **www.cmmacs.ernet.in**
27. CSIR Unit for Research & Development of Information Products, Pune-411 038; **www.urdip.res.in**
28. Indian Institute of Chemical Biology, Jadavpur, Kolkata-700 32; **www.iicb.res.in**
29. Indian Institute of Chemical Technology, Hyderabad-500 007; **www.iictindia.org**
30. Indian Institute of Petroleum, Dehradun-248 005; **www.iip.res.in**
31. Industrial Toxicology Research Centre, Lucknow-226 001; **www.itrcindia.org**
32. Institute of Genomics and Integrative Biology, Delhi-110 007; **www.igib.res.in**
33. Institute of Himalayan Bioresource Technology, Palampur-176061; **www.ihbt.csir.res.in**
34. Institute of Microbial Technology, Chandigarh-160 014; **www.imtech.res.in**
35. National Aerospace Laboratories, Bangalore-560 017; **www.cmmacs.ernet.in**
36. National Botanical Research Institute, Lucknow-226 001; **www.nbri-lko.org**
37. National Chemical Laboratory (NCL), Pune-411 008; **www.ncl-india.org**
38. National Environmental Engineering Research Institute, Nagpur-440 020; **www.neeri.nic.in**
39. National Geophysical Research Institute, Hyderabad-500 007; **www.ngri.org.in**
40. National Institute of Oceanography (NIO), Dona Paula-403 004; **www.nio.org**
41. National Institute of Science Technology & Development Studies, New Delhi-110012; **www.nistads.res.in**
42. National Institute of Science Communication and Information Resources, New Delhi-110 012; **www.niscair.res.in**
43. National Metallurgical Laboratory, Jamshedpur-831 007; **www.nmlindia.org**
44. Regional Research Laboratory, Bhopal-462 026; **www.rrlbpl.org**
45. Regional Research Laboratory, Bhubaneswar-751 013; **www.rrlbhu.res.in**
46. Regional Research Laboratory (CSIR), Jammu-180 001; **www.rrljammu.org**
47. Regional Research Laboratory (CSIR), Jorhat-785 006; **www.jorhat.nic.in/rrl.htm**
48. Regional Research Laboratory (CSIR), Thiruvananthapuram-695 019; **www.rrlt.csir.res.in**
49. Structural Engineering Research Centre, Chennai-600 113; **www.sercm.org**
50. The Centre for Cellular and Molecular Biology (CCMB), Hyderabad -500 007; **www.ccmb.res.in**
51. The National Physical Laboratory, New Delhi-110 012; **www.nplindia.org**
52. Institute of Bioresources and Sustainable Development (IBSD), Manipur-795 001; **www.ibsd-imphal.nic.in**
53. Institute of Life Sciences, Bhubaneswar-751 023; **www.ilsc.org**
54. National Centre for Plant Genome Research (NCPGR), New Delhi-110 067; **www.ncpgr.nic.in**
55. National Institute of Immunology, New Delhi-110067; **www.nii.res.in**
56. National Brain Research Centre (NBRC), Manesar-122 050; **www.nbrc.ac.in**
57. Agharkar Research Institute, Pune-411 004; **www.aripune.org**
58. Aryabhatta Research Institute of Observational Sciences, Nainital 263 129; **www.aries.res.in**
59. Birbal Sahni Institute of Palaeobotany, Lucknow-226 001; **www.bsip-india.org**
60. Bose Institute, Kolkata-700 009; **www.boseinst.ernet.in**
61. International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad 500 005; **www.arci.res.in**
62. Indian Institute of Astrophysics, Bangalore 560 034; **www.iap.ernet.in**
63. Indian Institute of Geomagnetism, Mumbai- 400 005; **www.iigs.iigm.res.in**
64. Indian Institute of Tropical Meteorology, Pune-411 008; **www.tropmet.res.in**
65. Indian National Academy of Engineering, New Delhi-110 016; **www.inae.org**
66. Indian Meteorological Department, New Delhi-110 003; **www.imd.gov.in**
67. Institute for Plasma Research, Gandhi Nagar-382 428; **www.plasma.ernet.in**
68. Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore-560 064; **www.jncasr.ac.in**
69. Raman Research Institute, Bangalore-560 080; **www.rrri.res.in**
70. Satyendra Nath Bose National Centre for Basic Sciences, Kolkata 700 064; **www.boson.bose.res.in**
71. Survey of India, Dehradun-248 001; **www.surveyofindia.gov.in**
72. Wadia Institute of Himalayan Geology, Dehradun-248 001; **www.himgeology.com**
73. Centre for Liquid Crystal Research, Bangalore-560 013; **www.mit.gov.in**
74. Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram-695 011; **www.sctimst.ker.nic.in**
75. Botanical Survey of India, Kolkata: 700 001; **www.bsi.gov.in**
76. Centre for Ecological Research & Training, Indian Institute of Science, Bangalore-560 012; **www.envfor.nic.in/cert/cert.html**
77. Centre for Environment Education, Ahmedabad-380 054; **www.ceeindia.org**
78. Centre for Mining Environment, Indian School of Mines, Dhanbad-826 004; **www.envfor.nic.in**
79. Forest Research Institute (FRI), Dehradun-248 006; **www.fri.icfre.gov.in**
80. Forest Survey of India (FSI), Dehradun-248 006; **www.fsi.org.in**
81. G.B. Pant Institute of Himalayan Environment and Development, Almora-263 643; **www.gbpihed.nic.in**
82. Himalayan Forest Research Institute, Shimla 171 001; **www.hfri.icfre.org**
83. Indian Council of Forestry Research & Education; Dehradun-248 006; **www.icfre.org**
84. Indian Institute of Forest Management, Bhopal-462 003; **www.iifm.org**
85. Indian Plywood Industries Research and Training Institute, Bangalore-560 022; **www.ipirti.gov.in**
86. Institute of Arid Zone Forestry Research; Jodhpur-342 001; **www.afri.res.in**
87. Institute of Forest Genetics & Tree Breeding; Coimbatore-641 002; **www.icfre.org**

INDICATIVE LIST OF S&T / RESEARCH INSTITUTIONS IN INDIA

88. Institute of Rain and Moist Deciduous Forest Research, Jorhat-785 001; www.envfor.nic.in/icfre/irmdfr/irmdfr.html
89. Institute of Wood Science & Technology, Bangalore-560 003; www.iwst.res.in
90. National Museum of Natural History, New Delhi 110 001; www.nmnh.nic.in
91. Padmaja Naidu Himalayan Zoological Park, Darjeeling-734 101; www.envfor.nic.in
92. Salim Ali Centre for Ornithology and Natural History, Coimbatore-641 010; www.sacon.org
93. Temperate Forest Research Institute (TFRIS), Shimla-171 001; www.envfor.nic.in/icfre/tfris/tfris.html
94. Tropical Forest Research Institute, Jabalpur-482 021; www.envfor.nic.in/icfre/tfri/tfri.html
95. Wildlife Institute of India, Dehradun-248001; www.wii.gov.in
96. Zoological Survey of India, Kolkata-700 053; www.envfor.nic.in/zsi
97. Central Agricultural Research Institute, Port Blair-744 101; www.cari.res.in
98. Central Arid Zone Research Institute, Jodhpur-342 003; www.icar.org.in
99. Central Avian Research Institute Planning, Monitoring & Coordination Izatnagar, Bareilly-243, Phone: +91-581-2301261, Fax: +91-2301321; www.bareilly.nic.in
100. Central Inland Capture Fisheries Research Institute, Barrackpore-700120, (and related institutes); www.cifri.gov.in
101. Central Institute for Cotton Research, Nagpur-440 010; www.cicr.nic.in
102. Central Institute for Fresh Water Aquaculture, Vijayawada-521 139; www.cifa.in
103. Central Institute for Research on Buffaloes (CIRB), Hissar-125001; www.cirb.gov.in
104. Central Institute for Research on Cotton Technology, Mumbai 400 019; ((and its Quality Evaluation Units), www.circot.res.in
105. Central Institute for Research on Goats, Mathura-281122; www.cirg.res.in
106. Central Institute of Brackish Water Aquaculture, Puri 752 002, (and its divisions); www.ciba.res.in
107. Central Institute of Post Harvest Engineering & Technology, Ludhiana-141 004; www.icar.org.in
108. Central Institute of Agricultural Engineering, Bhopal- 462 018, www.ciae.nic.in
109. Central Institute of Arid Horticulture, Bikaner; www.ciah.ernet.in
110. Central Institute of Fisheries Education, Mumbai-400 061 (and related institutes); www.cife.edu.in
111. Central Institute of Fisheries Nautical and Engineering Training, Kochi-682 016; www.cifnet.nic.in
112. Central Institute of Fisheries Technology, Kochi-682 029 (and its research centres); www.cift.res.in
113. Central Institute of Freshwater Aquaculture, Bhubaneswar-751 002, (and its divisions); www.cifa.in
114. Central Institute of Sub-Tropical Horticulture, Lucknow-226 002; www.cishko.org
115. Central Institute of Temperate Horticulture (CITH), P.O. Sanatnagar, Srinagar-190005; Phone: +91-194-2305044, Fax: +91-194-2305045, www.icar.org.in/en/node/325
116. Central Marine Fisheries Research Institute, Kochi-682 018, (and its research centres) www.cmfri.com
117. Central Plantation Crops Research Institute, Kudlu-671 124; www.cpcri.nic.in
118. Central Plantation Crops Research Institute, Thrissur-680653; Phone: +91-487-2699829, Fax: +91-487-2699829, www.cpcri.nic.in
119. Central Plantation Crops Research Institute, Kannada-574 243; Phone: +91-8255-265289, Fax: +91-8255-239666, www.cpcri.nic.in
120. Central Plantation Crops Research Institute, Research Centre, Guwahati-781 017; Phone: +91-361-2840251, Fax: +91-361-2841785, www.cpcri.nic.in
121. Central Potato Research Institute, Shimla-171 001, (and its research stations); www.cpri.hp.nic.in
122. Central Rainfed Upland Rice Research Station, CRRI, Hazaribagh-825 301; Phone: +91-6546-222263, Fax: +91-6546-223697
123. Central Research Institute for Dryland Agriculture, Hyderabad-500 659; www.crida.ernet.in
124. Central Research Institute for Jute & Allied Fibres, Barrackpore-743 101 (and related institutes); www.crijaf.org
125. Central Rice Research Institute, Cuttack-753 006 (and its regional institutes); www.crrri.nic.in
126. Central Sheep & Wool Research Institute, Avikanagar Tehsil Malpura, Tonk-304 501, Phone: +91-1437-225212, Fax: +91-1437-220163, www.cswri.res.in
127. Central Soil & Water Conservation Research & Training Institute, Dehradun-248 195; Phone: +91-135-2758564, Fax: +91-135-2754213, www.cswcrtiweb.org
128. Central Soil Salinity Research Institute (CSSRI), Karnal-132 001; www.cssri.org
129. Central Tobacco Research Institute, Rajahmundry-533 105 (and its research stations); www.ctrindia.com
130. Central Tuber Crops Research Institute, Thiruvananthapuram-695017; www.ctcri.org/aris.htm
131. Directorate of Oilseed Research (PDOR) Rajendranagar, Hyderabad- 500 030; www.dor-icar.org
132. Directorate of Rice Research, Hyderabad- 500 030; www.drrindia.org
133. Directorate of Water Management (ICAR), M.P.K.V. Campus, PB No. 38 Rahuri 413 722
134. Directorate of Water Management (Water Technology Centre for Eastern Region), Bhubaneswar-751 016; www.wtcer.ernet.in
135. Directorate of Wheat Research, Karnal-132 001; www.dwr.in
136. Indian Agricultural Research Institute, Pusa, New Delhi 110012; www.iari.res.in
137. Indian Agricultural Statistics Research Institute, New Delhi-110 012; www.iasri.res.in
138. Indian Grassland & Fodder Research Institute, Jhansi-284003; www.igfri.ernet.in
139. Indian Institute of Animal Nutrition and Physiology, Bangalore; www.nianp.res.in
140. Indian Institute of Horticulture Research, Bangalore-560 089; www.iihr.res.in
141. Indian Institute of Pulses Research, Kanpur-208 024; www.iipr.ernet.in
142. Indian Institute of Soil Sciences, Bhopal-462 038; www.iiss.nic.in
143. Indian Institute of Spices Research, Calicut-673012; www.iisr.org
144. Indian Institute of Sugarcane Research, Lucknow-226 002; www.iisr.nic.in
145. Indian Lac Research Institute, Namkum, Ranchi-834 010; www.ilri.ernet.in
146. Indian Veterinary Research Institute, Izatnagar-243 122; www.ivri.nic.in
147. National Academy of Agricultural Research Management, Hyderabad-500 030; www.naarm.ernet.in
148. National Bureau of Plant Genetic Resources, New Delhi-110 012 (and its regional research stations); www.nbpgg.ernet.in
149. National Bureau of Soil Survey & Land Use Planning, Nagpur-440 010; www.nbsslup.org
150. National Bureau of Agriculturally Important Micro-Organisms, New Delhi-110 012; www.nbaim.org
151. National Bureau of Animal Genetic Resources, Karnal-132 001; www.icar.org.in
152. National Bureau of Fish Genetic Resources, Lucknow-226 002; www.nbfgr.res.in
153. National Bureau of Plant & Genetic Resources, New Delhi-110 012; www.nbpgg.ernet.in
154. National Centre for Integrated Pest Management, New Delhi-110 012; www.ncipm.org.in
155. National Dairy Research Institute, Karnal-132 001; www.ndri.res.in
156. National Institute for Research on Jute & Allied Fibres Technology, Kolkata-700 040; www.nirjft.res.in
157. National Institute of Animal Nutrition & Physiology (NIANP), Bangalore-560 030; www.nianp.res.in
158. National Research Centre for Medicinal & Aromatic Plants, Boriavi-387 310; www.nrc-map.org
159. National Research Centre for Agroforestry, Jhansi-284 003; www.icar.org.in
160. National Research Centre for Banana, Trichurapalli-620 017; www.nrcb-India.org
161. National Research Centre for Camel, Bikaner-334 001; www.icar.org.in
162. National Research Centre for Cashew, Puttur-574 202; www.nrccashew.org
163. National Research Centre for Citrus, Seminary Hills, Nagpur-440 006; www.nrccitrus.nic.in
164. National Research Centre for Grapes, Bangalore-560 089; www.nrcgrapes.mah.nic.in

INDICATIVE LIST OF S&T / RESEARCH INSTITUTIONS IN INDIA

165. National Research Centre for Groundnut, Junagarh-362 001; www.nrcg.res.in
166. National Research Centre for Mushroom, Solan-173 213; www.nrcmushroom.org
167. National Research Centre for Oilpalm, Eluru; www.dopr.gov.in
166. National Research Centre for Onion and Garlic, Godhra-389 001; www.nrcog.mah.nic.in
167. National Research Centre for Orchids, Gangtok-737 106; www.sikkim.nic.in
168. National Research Centre for Rapeseed Mustard, Bharatpur-321 001; www.nrcrm.ernet.in
169. National Research Centre for Soyabean, Indore-452 001; www.nrcsoya.com
170. National Research Centre for Weed Science, Jabalpur-482 004; www.nrcws.org
171. National Research Centre for Yak, Dirang-790 101; www.nrcyak.ren.nic.in
172. National Research Centre on Coldwater Fisheries, Haldwani-263 139; www.icar.org.in
173. National Research Centre on Mithun, Shillong-793 004; www.nrcmithun.org
174. National Research Centre on Plant Biotechnology (NRCPB), New Delhi-110 012; www.nrcpb.org
175. National Research Centre on Equines (Buffaloes), Hisar-125 001; www.nrcce.nic.in
176. National Research Centre on Meat, Hyderabad; www.nrcneat.org.in
177. Sugarcane Breeding Institute, Karnal-132 001; (and its research centers); www.karnal.gov.in/res_sbirc.asp
178. Sugarcane Breeding Institute Coimbatore-641 007; www.sugarcane-breeding.tn.nic.in
179. Vivekanand Parvatiya Krishi Anusandhan Shala, Almora-263 601; www.vpkas.nic.in
180. National Remote Sensing Agency, Hyderabad-500 037; www.nrsa.gov.in
181. Physical Research Laboratory, Ahmedabad-380 009; www.prl.ernet.in
182. Space Applications Centre (SAC), Ahmedabad-380 053; www.sac.gov.in
183. Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram-695 022; www.vssc.gov.in
184. Bhabha Atomic Research Centre, Mumbai - 400 085; www.barc.ernet.in
185. Centre for Advanced Technology, Indore- 452 013; www.cat.ernet.in
186. Electronics Corporation of India Ltd, Hyderabad - 500 062; www.ecil.co.in
187. Indira Gandhi Centre for Atomic Research, Kalpakkam-603 102; www.igcar.ernet.in
188. Institute of Physics, Bhubaneshwar-751 005; www.iopb.res.in
189. Institute of Mathematical Sciences, Chennai-600 113; www.imsc.res.in
190. Mehta Research Institute of Mathematics & Mathematical Physics, Allahabad-221 506; www.mri.ernet.in
191. Saha Institute of Nuclear Physics, Bidhan Nagar-700 064, Kolkata; www.saha.ac.in
192. Tata Institute of Fundamental Research, Mumbai-400 005; www.tifr.res.in
193. Tata Memorial Centre, Mumbai-400 012; www.tatamemorialcentre.com
194. Central JALMA Institute for Leprosy & Other Mycobacterial Diseases, Agra-282 001; www.jalma-icmr.org.in
195. National Academy of Medical Sciences (India), New Delhi-110 029; www.nams-india.org
196. Desert Medicine Research Centre, Jodhpur-342 005; www.dmrcjodhpur.org
197. National Institute of Nutrition, Hyderabad-500 007; www.ninindia.org
198. Institute of Pathology, New Delhi-110 029; www.icmr.nic.in/pinstitute/iop.htm
199. National Institute for Research in Reproductive Health, Mumbai-400 012; www.nirrh.res.in
200. Malaria Research Centre, Delhi-110 054; www.mrcindia.org
201. National AIDS Research Institute, Pune-411 026; www.nari-icmr.res.in
202. National Institute of Cholera and Enteric Diseases, Kolkata-700 010; www.niced.org.in
203. National Institute of Epidemiology, Chennai-600 031; www.nie.gov.in
204. National Institute of Nutrition, Hyderabad-500 007; www.ninindia.org
205. National Institute of Occupational Health, Ahmedabad-380 016; www.nioh.org
206. National Institute of Virology, Pune-411 001; www.niv.co.in
207. Rajendra Memorial Research Institute of Medical Sciences, Patna-800 007; www.rmrimc.org.in
208. All India Institute of Hygiene and Public Health, Kolkata-700 073; www.irc.ni/page/6624
209. All India Institute of Physical Medicine and Rehabilitation, Mumbai-400 034; www.aiipmr.gov.in
210. All India Institute of Speech and Hearing, Mysore-570 006; www.mylibnet.org
211. Cancer Institute, Chennai-600 018; www.cancerinstitutewia.org
212. Central Council for Research in Ayurveda & Siddha, New Delhi-110 058; www.ccras.nic.in
213. Central Council for Research in Homoeopathy, New Delhi-110 058; www.ccrhindia.org
214. Central Institute of Psychiatry, Ranchi, Jharkhand; www.cipranchi.nic.in
215. Haffkine Institute, Mumbai-400012; www.haffkineinstitute.org
216. Institute of Postgraduate Medical Education and Research, Kolkata-700020; www.ipgmer.gov.in
217. Jawaharlal Institute of Post Graduate Medical Education and Research, Pondicherry - 605 006; www.jipmer.edu
218. National Institute of Ayurveda, Jaipur-302002; www.nia.nic.in
220. National Institute of Communicable Diseases, New Delhi-110 054; www.nicd.nic.in
221. National Institute of Homoeopathy, Kolkata-700 106; www.nih.nic.in
222. National Institute of Mental Health and Neuro Sciences, Bangalore-560 029; www.nimhans.kar.nic.in
223. National Tuberculosis Institute, Bangalore 560 003; www.ntiindia.kar.nic.in
224. Pasteur Institute of India, Coonoor-643 103; www.pasteurinstituteindia.com
225. Postgraduate Institute of Medical Education and Research, Chandigarh-160 012; www.pgimer.nic.in
226. Centre for Development of Advanced Computing, Pune-411 007 (and its centres); www.cdac.in
227. Centre for Electronics Design and Technology, Indian Institute of Science, Bangalore-560012 (and its centres); www.cedt.iisc.ernet.in
228. Centre for Liquid Crystal Research, Bangalore-560 013; www.mit.gov.in
229. Centre for Materials for Electronics Technology, New Delhi-110 003; www.cmet.gov.in
230. Education and Research Network ERNET India, New Delhi 110 003; www.ernet.in
231. Electronic Research & Development Centre, Thiruvananthapuram-695 033; www.cdactvm.in
232. National Centre for Software Technology, Gulmohar Cross Ropad No.9, Juhu, Mumbai 400 049
233. Semiconductor Laboratory, S.A.S.Nagar 160 059, Punjab; www.sclindia.com
234. Society for Applied Microwave Electronics Engineering and Research (SAMEER), Chennai-600 113; www.sameer.org.in
235. Centre for Development of Telematics, New Delhi-110 021; www.cdote.com
236. National Institute of Hydrology, Roorkee-247667; www.nih.ernet.in
237. Indian National Centre for Ocean Information Services (INCOIS), Hyderabad-500 055; www.incois.gov.in
238. Centre for Wind Energy Technology, Chennai-601 302; www.cwet.tn.nic.in
239. National Institute of Ocean Technology, Chennai-601 302; www.niot.res.in
240. Central Sericultural Research & Training Institute, Berhampore-742 101; www.csrtiber.res.in
241. Indian Statistical Institute, Kolkata-700 035; www.isical.ac.in
242. Central Institute of Road Transport (Training & Research); Pune-411 026; www.cirtpune.com
243. Central Road Research Institute, New Delhi; www.crridom.gov.in
244. National Ship Design and Research Center, Visakhapatnam-530 011; www.nsdr.com
245. Geological Survey of India, Kolkata-700 016; www.gsi.gov.in

**DEPARTMENT OF SCIENCE & TECHNOLOGY
INTERNATIONAL COOPERATION DIVISION****APPLICATION FOR C V RAMAN INTERNATIONAL FELLOWSHIP
FOR AFRICAN RESEARCHERS***(For nomination through Respective Indian Mission)**(Application should be typed in this format)*Please Paste
Photo Here

Ref. No. CVR/.....

(To be given by DST/FICCI)

1. Name in full: _____
Family First Middle2. Father's Name: _____
Family First Middle3. Mother's Name: _____
Family First Middle4. Date of Birth: _____ / _____ / _____ Age on 01.08.11 _____
Day Month Year

5. Nationality / Citizenship: _____

6. Marital Status: ☐ Yes ☐ No

7. Mailing Addresses:

Office : Tel:

..... Fax:

Home : Tel:

..... Fax:

E-mail Address:

8. Passport Details

Passport Number	Place of Issue	Date of Issue	Valid upto
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

9. Employment record :

S.No	Position held	Organization	From	To
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Examination Passed	Year of Passing	Name of the University/Institute	Major Subjects/ Specialization

.....

Language	Writing	Reading	Speaking

Years _____ Months _____

Whether Permanent/Temporary: _____ Whether Regular / Ad-hoc : _____

a. Papers Published in Journals : _____

b. Conference Papers Presented : Oral _____ Poster _____

c. Books : Written _____ Edited _____ Chapters Contributed _____

d. Patents filed : _____

Place: _____ Year and Duration: _____ Purpose : _____

19. Duration of the Fellowship applied to: _____/_____/_____ To: _____/_____/_____ Total: _____ months
month year month year

(Please mention the broad area, for example, Physical Sciences, Chemical Sciences, Life Sciences, Earth Sciences, Mechanical Engineering, Biotechnology, Materials Science, Medical Science, Telecommunications, Agricultural Sciences or Technology, etc.)

17

22. Proposed Indian Host Scientist :

Name: _____

Position: _____

Department : _____

Institution: _____

Address: _____

23. Research/training plan in India [Summarize, a) Present research, b) proposed research, c) expected outcome of the proposed research/training]

Please add separate sheets for research/training plan

Date : _____

Signature of Applicant _____

Please attach the following documents:

- a) *Detailed bio-profile /curriculum vitae.*
- b) *List of main publications (do not attach the copy of publications).*
- c) *Letter(s) of reference/recommendation in home country.*
- d) *Letter(s) of acceptance from proposed Indian host researcher(s).*
- e) *Copy of degree certificates*
- f) *Physical Examination Certificate from a qualified (MBBS) doctor stating that the applicant is fit in all respects for a prolonged stay in India and that no unusual health risks can be foreseen.*
- g) *Copy of Passport*

Through Indian Mission, kindly send the filled in form to :



Mr. Sumeet Gupta (Head-Science & Technology / Innovation)
Mr. Dipanjan Banerjee (Senior Assistant Director)
FICCI Science & Technology / Innovation Secretariat
FICCI, Federation House, Tansen Marg, New Delhi - 110 001, INDIA
Tel: +91 - 11- 23736306 (D), +91 - 11 - 23738760-70 Ext: 430
Fax: +91-11-23320714, 23721504
Email: sumeetgupta@ficci.com, dipanjan.banerjee@ficci.com
Website: www.ficci.com

DEPARTMENT OF SCIENCE & TECHNOLOGY INTERNATIONAL COOPERATION DIVISION

APPLICATION FOR C V RAMAN INTERNATIONAL FELLOWSHIP FOR AFRICAN RESEARCHERS

Consent of the Indian Host Scientist and Institution

Please Paste
Photo Here

Name of the applicant :

Position and affiliation:

Fellowship tenure :

Title of the proposed research/training :

.....

.....

Supporting statement including a brief write-up on the major research activities with the host:

.....

.....

.....

.....

I, the undersigned, having read the application filled out by the above applicant for C V Raman International Fellowship programme, consent to be the host researcher.

Date : Signature of the host researcher :

Name :

Position :

Affiliation/Department :

Institution:

Address :

Telephone :

Fax :

Email :

I, hereby consent to accept the above applicant, if selected, as CV Raman Fellow in our institution

Date:..... Signature of the Head of the Institution :

Position :

Institution :

Seal :

Please Note:

There is no funding for (1) Host Institution Fee. (2) Honorarium for Host Scientist. (3) Host Scientist's Travel and (4) Lab Charges.



सत्यमेव जयते

Department of Science & Technology
Government of India



ABOUT DST

The Department of Science and Technology, Government of India is mandated to strengthen “Research and Development” base of the country through organizing, coordinating and promoting Scientific & Technological activities. It is the main public policy support body for Science & Technology. The Department is also the major agency in the country for promotion of basic sciences with a share of nearly 50% of Extra Mural funding of research projects. The Department plays a critical role in the technology development programmes relating to key sectors as well as in the development of International Cooperation in Science and Technology. The Department is promoting international collaborative R & D in various areas of Science & Technology through bilateral collaborative programmes with about 80 countries as well as through multilateral arrangements.

Popularization of science, relating science to society, promotion of entrepreneurship, National Resources data management and generation of databases and initiatives targeting empowerment of women through applications of Science and Technology form important areas of focus for planned interventions by the Department. The Department has been collaborating with many other socio-economic ministries in the Government and Science and Technology Councils of various State Governments.

The Department has been supporting an array of autonomous institutions engaged in basic research, technology forecasting, laboratory accreditation etc.

ABOUT FICCI

Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence and its subsequent emergence as one of the most rapidly growing economies globally. FICCI plays a leading role in policy debates that are at the forefront of social, economic and political change. Through its 400 professionals, FICCI is active in 44 sectors of the economy. FICCI's stand on policy issues is sought out by think tanks, governments and academia. Its publications are widely read for their in-depth research and policy prescriptions. FICCI has joint business councils with 75 countries around the world.

A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry. FICCI has direct membership from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 2,50,000 companies from regional chambers of commerce.

FICCI works closely with the government on policy issues, enhancing efficiency, competitiveness and expanding business opportunities for industry through a range of specialised services and global linkages. It also provides a platform for sector specific consensus building and networking. Partnerships with countries across the world carry forward our initiatives in inclusive development, which encompass health, education, livelihood, governance, skill development, etc. FICCI serves as the first port of call for Indian industry and the international business community.

CONTACT DETAILS

DST Contact:

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Scientist 'D'

International Cooperation Division
Department of Science and Technology
Government of India

Tel: +91-11-26590272, Fax: +91-11-26862418

Email : arvindkumar25@rediffmail.com

www.dst.gov.in

FICCI Contact:

Mr. Sumeet Gupta (Head-Science & Technology / Innovation)
Mr. Dipanjan Banerjee (Sr. Assistant Director)

FICCI Science & Technology / Innovation Secretariat
FICCI, Federation House, Tansen Marg, New Delhi - 110 001, INDIA

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Website: www.ficci.com