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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Anusandhan Bhavan 2, Rafi Marg , New Delhi - 110 001.

The Head, International S & T Affairs
Division (ISTAD), CSIR HQ

No : 27 / RRF / 2008 - ISTAD
Date : 14.7.2008

To
The Directors of All Labs/Institutes of CSIR

Subject : Raman Research Fellowships for the year 2009-2010.

Sir,

Applications are invited from CSIR institutes for the award of **Raman Research Fellowships for 2009-2010**. The Raman Research Fellowships are granted to the CSIR Scientists / Technologists for carrying out research in the emerging / high priority areas. It is tenable at foreign institutions / R&D Centres of excellence. The entire cost is met by CSIR HQs.

Applications of eligible and meritorious candidates may be forwarded in the enclosed proforma at Annexure-I after thorough careful evaluation. The details regarding eligibility, terms & conditions etc. may be seen at Annexure-II. It would be appreciated if the number of applicants from each Lab/Instt. is restricted to a maximum of **two**.

The candidates are required to submit 7 (seven) copies of the duly filled in application form in one separate bunch only.

The nominated candidates are expected not only to be meritorious but also be fully aware of national agenda in Science and CSIR's Vision. They are expected to possess general awareness about our country, its culture, history and present day socio-economic and geo-political issues.

The selection will be through a mechanism of interview by the duly constituted Departmental Committee. The interviews are expected to be held in **CSIR Hq., New Delhi some time during November/December 2008**. The date of the interview will be intimated to all the eligible candidates about one month in advance.

The last date for receipt of the duly filled in applications, complete in all respects, is **10th September, 2008**. Applications received after the last date will be summarily rejected.

The candidates are advised not to correspond directly but may feel free to make enquiries through ISTAG of their respective Lab/Instt.

Yours faithfully

(S.C Kalra)
Deputy Secretary

Encl : As above (can also be downloaded from Website : www.csir.res.in)

Copy to :- Sr. Dy. Secy, Policy Division, CSIR HQs.
US (CO), CSIR HQs.

Raman Research Fellowship Application form for – 2009-10

(please type in this information without exceeding the space limit)

1.	Name		
2.	Designation		
3.	Lab / Instt		
4.	Area of research		
5.	Date of Birth and Age (Age not exceeding 45 yrs.) as on Nov 1, 2008	DoB	Age : Y _____ M _____
6.	Date of joining CSIR with Designation		

7. Qualifications

Degree	Board / Univ	Division	Subjects	Year

8 Whether SC / ST

SC _____	ST _____	Others _____
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9. Knowledge of foreign language

Language	Speak	Read	Write

10. Experience

	Position held	Duration		Nature of work
		From	To	
11.	Number of Publications (Enclose list, and indicate impact factor of Journals. Reprints may be with the original set only.)	National		International
12.	Number of Patents. (Enclose list).	National		International
13.	Major achievements/contribution of international level in the proposed area of research.			
14.	Name of the host Professor / Guide and full address of the Foreign Instt / Univ / R&D lab. (enclose the acceptance letter of host).			
15.	Reason for selecting the proposed host.			
16.	Detailed description of the research work to be carried out abroad. (Please enclose this in a separate sheet)			
17.	Please give one page write-up on the novelty of the research topic.			
18.	Could the proposed work be carried out within India at CSIR/non CSIR S&T institutions? Justification for need to conduct it in the proposed foreign institution.			

19.	Minimum period required for conducting proposed research. Envisaged period of visit.	
20.	Relevance of proposed research with the activities/programmes of Lab./CSIR	
21	Nature of expected output from the proposed study and its likely users.	
22.	What benefits will accrue to CSIR by conducting this research work.	
23.	Commercialisation prospects of the proposed research work.	
24.	Previous visits abroad during last 3 years.	
25.	Any other relevant information	

Signature of the Candidate

P.T.O.

26. Recommendations of the Director:

(a) Comments of the Director on the information given above by the applicant.

(b) Remarks of the Director on the potential and credentials of the applicant

© Field of proposed study and its relation to the Lab's priorities, particularly with regard to the Tenth five year plan and CSIR's business plan.

(d) Remarks on chosen place of work, special features of the concerned Lab.

(e) Scientific and economic implication of the proposed work during the Fellowship (both on Indian as well as global scene). Nature of expected output from the proposed study.

- strategic information
- new technique, process or product
- patent / publications

(f) Commercialisation prospect and likely users of the proposed research in the industrial sectors.

(g) List of scientific peers, who can appreciate and comment on the scientific approach and over all utility of the proposed work.

Signature of the Director with Stamp and Date.

Salient Features of Raman Research Fellowship (RRF)

1. Objective The Fellowship is granted to the CSIR Scientists for carrying out research in the emerging / high priority areas in reputed foreign institutions / R&D centres of excellence to enhance their R&D skills/capability. The Fellowship is tenable abroad at CSIR cost.
2. Eligibility Regular Scientists of CSIR with high academic qualifications and research experience, presently working in high priority areas, who have completed minimum 5 years of service in CSIR on the last date for receipt of the applications. The applicant must have made commendable contribution to research / innovation in the proposed area, which should be of international level. Fellowship should not be sought for training or to carry out testes, etc. using facilities in the host institute. The RRF must be sought to further enhance the skills/capability. The candidate should not be more than 45 year of age.
3. Fellowship tenure Four to Twelve Months (in one spell only)
4. Area Applied research topics in the high priority areas of the Laboratory/CSIR and also any specific area under Basic Science of relevance and immediate importance.
5. Terms During the Fellowship period the Scientist will be called "**Raman Research Fellow**". The Fellow will be sent abroad on deputation terms.
6. Financial Terms
 - International air fare to & fro by Economy class
 - Fellowship @ US \$ 2500/- per month
 - US \$1000/- Lump sum towards contingency and preparatory expenses
 - US \$1000/- Supplementary grant for participation in Conferences/visiting institutions of excellence in country of placement
7. Mode of Selection Through interview by a Selection Committee to be constituted by the DG CSIR. The candidate must furnish at the time of interview, letter of acceptance from the host-institution duly approved by the Director of the Institutes indicating the specific study work to be carried out abroad. The candidate can make PPT presentation (5 slides) for 7 minutes, first four minutes for the present research activities and last 3 for the proposed research work.
8. Bond The selected candidates shall execute a bond before proceeding abroad on Fellowship to serve the concerned Lab / Instt. for three years on return.

Terms and conditions governing "RAMAN RESEARCH ELLOWSHIP"

1. The individual availing this Fellowship would be called 'Raman Research Fellow'.
2. The Fellowship will be for a period of **4 to 12** months on deputation terms. It is awarded for research and training in the specific areas of priority identified by the CSIR. The Fellow should not deviate his research topic during the tenure of the fellowship from the proposed subject of work and also should not change the place of work without prior written approval of CSIR.
3. Extension of fellowship beyond the period mentioned in para 2 above shall not be considered unless there are exceptional circumstances justifying such extension which could not be visualized at the time of submitting the final plan of work. Such a request should be received in CSIR from the Fellow through his guide and Director at least one month before expiry of the sanctioned period, indicating specific recommendation of his/her host and the Director of the Laboratory and confirming that the fellow has been submitting the quarterly Progress Report regularly on schedule.
4. Rules governing payment of salary, leave, medical, gratuity, GPF, Pension, etc. of the Laboratory/Institute to which the Fellow belongs, would continue to be applicable during the fellowship period and shall be the liability of the Lab./Institute concerned.
5. He/She will be entitled to air passage in economy class both ways by Air-India from his/her present place of duty to the place of training by the direct route. No other air-lines can be used for this purpose except in sectors where Air-India does not operate. In sectors where Air-India does not operate, air passage should be got booked through Air-India.
6. The fellow will be entitled to fellowship in foreign exchange equivalent to US\$ 2500/- (US dollars Two thousand and five hundred only) per month in the country of study in the appropriate currency depending on the place of the training, subject to RBI regulations. In addition to this he/she will be provided a supplementary grant of US\$1000/- for participation in Conferences/visiting institutions of excellence in country of placement. He will also be entitled to US\$1000/- as lump sum contingency to cover expenses which may be directly related to his work. It will also cover the commission charged by the concerned Banks on the transfer of the foreign exchange to the Fellow's account in foreign country, visa fee, etc.
7. The Fellow would be required to get his medical insurance done from an appropriate Indian Insurance Company before proceeding abroad. The expenditure on the medical insurance will be borne by the Fellow out of the Contingency amount granted.
8. The Institution in which the fellow will work do not generally charge any fee. The Director of the Institute presumably must have ensured that no fee is payable in this case.
9. The Fellow is expected to take appropriate measures to protect the IPR, likely to be generated during his/her stay at the host-institution.
10. The Fellow shall be required to execute a bond before proceeding on Fellowship to serve the concerned institute for **Three years** on return.
11. If the Fellow does not return to India or gets job opportunities overseas on completion of the fellowship, the Institute will recover the entire expenditure from the fellow and remit it to the CSIR. In addition, the matter shall be taken up with host-Institution and concerned Government through Indian mission abroad for suitable action as deemed fit.
12. The Fellow will devote his/her whole time on his/her chosen area of specialization during the tenure of his/her fellowship and will not seek gainful employment elsewhere without the prior permission of CSIR.
13. The Fellow shall submit a quarterly Progress Report on his/her research activities overseas during the fellowship, abroad within 15 days on expiry of each quarter and a detailed Final Report on his/her return from abroad within a fortnight. The quarterly Progress Report or on the Final Report as the case may be, will be forwarded to CSIR immediately alongwith 'Critical Appraisal' of the same by the Director of the Institute.
14. The institute shall also send alongwith the Final Report, a statement of expenditure duly certified by the Sr. F&AO indicating inter-alia, the name of the fellow, position held in Instt., period of fellowship, name of foreign Institute where fellowship was availed, Title of research, details of travel expenses to & fro, Fellowship and Contingency expenses (in foreign currency as well as Indian Rupees), salary paid in India and any other payment made to him.
15. The fellowship should commence within the same financial year in which it is awarded i.e. 1st April, 2009 to 31st March, 2010.

