KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

**WOMEN SCIENTISTS DIVISION**

APPLICATION FOR

## **“BACK –TO- LAB” POST-DOCTORAL FELLOWSHIP 2019-20**

## *[A Programme for Women having break in career in Science]*

SECTION – A

**GENERAL INFORMATION**

Photo of the applicant

1. Name (in Block Letters) :

2. Postal address for correspondence:

3. Telephone- Mob: Land line:

 E-mail:

4. Permanent address :

5. Age and Date of Birth :

 *(Enclose documentary proof)*

6. Are you Keralite by origin/domicile:

 *(Enclose documentary proof)*

7. Married/Unmarried :

8. Academic record (from Degree onwards)

*(Enclose Attested copy of Certificates of P.G & Ph.D and Mark list of P.G course)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl.No. | Degree awarded | University/ Institute  | Period *(From–To)* | Subject | Marks (%) | Year of award of Degree |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

9. Scholarships, Medals, Awards:

 Distinctions or Honours received

10. Whether passed examinations conducted by NET/GATE/ICAR/ICMR/KSCSTE Research Fellowship, etc.

 If yes, indicate Name of the examination, Year and Grade/Rank:

11. Details of previous employment,if any (*Enclose attested copies of experience certificate issued by the competent authority)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl.No. | Name of Employer | Designation |  Period *(From –To)**D/M/Y format* | Remarks if any |
|  |  |  |  |  |
|  |  |  |  |  |

12. Give details of research experience,if any (*Enclose attested copies of experience certificate issued by the competent authority)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.****No.** | **Name of Institution** | **Designation** | **Duration** | **Nature of work** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

13. Publications and Patents: **[***Attach reprints or photocopies of latest research papers (maximum 3 nos.) you have published]*

1. No. of Papers published in peer reviewed journals:
	1. Published………… (National:………..,International :……) (ii) Accepted…………..

(iii) Cumulative impact factor of all publications……… (iv) No. of citations (total)………

1. No. of Books published: (i) Books …………………. (ii) Chapters in Books ……………
2. No. of patents: (i) Filed: ………….. (ii) Granted: ……….
3. Details of Research Publications *(Best 3 recent publications)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Author(s)** | **Name of the Journal/ Year, Volume** | **Title of the paper published** | **Current impact factor of the journal** |
|  |  |  |  |  |

1. Details of patent (if any)

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **National** | **International** | **Year** |
|  |  |  |  |

 14. Research Fellowship received for Ph.D programme (if any):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of fellowship | Sponsoring agency | Duration | Amount of Supportreceived | Name of the Host Institute |
| From | To |
|  |  |  |  |  |  |

15. Details of break in science career **after Ph.D. programme** (*include gap period with reasons for the gap*)

|  |  |  |
| --- | --- | --- |
| Sl.No. | Period (from-to) in Day/Month/Year format  | Reason for Gap in study/ career  |
|  |  |  |

**16. Details of Ph.D work**

(i) Title of the PhD thesis:

(ii) Name of the R & D Institute/University Dept./College where you have done the

 Ph.D. work:

 (iii) Synopsis of Ph.D work (not to exceed 300 words)

 (iv) Date of award of Ph.D:

 (v) Name of the Supervising Teacher:

 (vi) Specialization:

|  |  |  |
| --- | --- | --- |
| **Subject** | **Area** | **Specific field of specializations** |
|  |  |  |

1. . **Details for Electronic transfer of grant** *(in case of sanction)*

|  |  |
| --- | --- |
| Beneficiary Name (Financial Head of Institution) |  |
| Beneficiary Bank Account No. (Institute) |  |
| Beneficiary Bank IFSC Code |  |
| Beneficiary Bank Name and Branch |  |
| Beneficiary Address (Co-ordinator/PI) |  |
| Mobile No. (Co-ordinator/PI)  |  |
| Email Id (Co-ordinator/PI) |  |

SECTION – B

**DETAILS OF THE R&D PROJECT**

1. **Project Profile**

1. Title of the proposed research project:

(*The applicant should select a topic addressing a specific problem rather than going for a broad and vague area. Topics on specific issues that have relevance to the developmental issues of Kerala will be given priority)*

2. Subject area

1. Broad Subject Area : Life Sciences/ Physical Sciences/ Engineering/ Computer Science/

 Mathematical Sciences

1. Sub- Subject Area :
2. Focused Sub. Area

3. Area of specialization:

 4. Institution where work is proposed to be carried out:

 *(Name, address, telephone no. , e-mail, & fax)*

 *[i. The candidate should choose an institution other than their Ph.D. research Centre.*

*ii. The Research Centre should belong to the category of R&D institutions(National/State level)/ University Departments ]*

1. Details of the Scientist Mentor with whom the candidate proposes to carry out the work:

 *(Name, Designation, Address, E-mail and contact numbers)*

 *[The Scientist Mentor should have at least five more years of service left in the Institute before superannuation]*

1. Proposed duration of the programme (*not to exceed 3 years*) :

**II**. **Technical Information**

1. Abstract of the proposed work *(limit to 300 words)*
2. National and international status
3. Gap areas of the proposed work
4. Objectives and Scope of the work
5. Work plan/Methodology *(including time schedule & chart)*
6. Expected deliverables/outcome
7. Significance of the expected outcome with respect to the latest in the field and its utility if any specific to the socio-economic or developmental scenario of the State of Kerala
8. Relevance of the study to the knowledge uplift
9. Scope for technology transfer and adaptation if applicable
10. Facilities available in the Host Institution which can be utilized for the proposed Research programme
11. **Name three institutions and scientists in the country who are working in the proposed area of research**:
12. **Biodata :** (i) **Applicant** *(not to exceed 2 pages),* **ii. Scientist Mentor** *(not to exceed 2 pages*)

##  **V. DECLARATION BY THE APPLICANT**

1. I agree to abide by the terms and conditions of the Fellowship grant.
2. I have explored and ensured that equipment and basic facilities in the Institution will actually be available as and when required for the purpose of the work.
3. I am not an employee of any institution and also not receiving salary/fellowship or any other emoluments from any source at present.
4. I am currently under career break (*after Ph.D programme*).
5. I have not availed Post-Doctoral Fellowship in KSCSTE or elsewhere earlier
6. I have not availed KSCSTE- Back to lab Fellowship earlier.
7. I also AFFIRM that all statements and documents submitted along with this application are correct. I understand that any inaccurate or false information will render this application invalid and that, if admitted and awarded Back-to-Lab PDF on the basis of such information, my candidature will be terminated. I also understand that I have to undertake the agreement, in prescribed format with KSCSTE for fulfilling the conditions necessary for awarding the Post-Doctoral Fellowship, if selected.

Place Signature:

Date: Name & Address:

1. **CONSENT FROM SCIENTISTMENTOR**

 I hereby agree to be the Scientist Mentor for the Post-Doctoral programme entitled ......................

.

………………………………………………………………………………………………………

………………………………………………………………………………………………………

 …………………………………………… (*Title of the project*)” submitted by…………………..

. ………………………………………… (*Name of the Woman Scientist*) under the ‘Back to Lab’

programme of KSCSTE proposed to be carried out at ………………………………………………

…………………….……………………………………………….(*Name of the Research Centre*)

I also certify that I am permanently employed and have more than 5 years of service left in the present institute. I further agree to abide by the guideline of the scheme for the successful implementation of the project.

Place : Scientist Mentor

Date :

 Signature :

 Name & Address :

### **ENDORSEMENT FROM THE HEAD OF HOST INSTITUTION**

 *(where the Woman Scientist desires to carry out the Research)*

 **(To be given on letter head)**

Project Title:

1. Certified that the Institute welcomes the Research Programme proposed by Dr. /Smt ..…… .… ……...……… …………………………………………………………………, Post-Doctoral Fellow, as the Principal Investigator and ./Shri./Smt……………………………….………….. …………..., Institute nominee, as the Scientist Mentor.
2. It is certified that the scientist-mentor assigned for the present study is **a Permanent Employee** of the Institute and **is left with more than five years of service** in the Institute.
3. Certified that the equipment and other basic facilities and other administrative facilities as per terms and conditions of the grant, will be extended to the Post-Doctoral Fellow throughout the duration of the project.
4. Institute assumes to undertake the financial and other management responsibilities of the project.
5. In the unforeseen event of discontinuance of the Fellowship by the Post-Doc Fellow, the matter will be informed to the Council and the Institute will ensure settlement of the grant and termination of the fellowship programme.

Name and Signature of Head of Institution

Date : …………………..

Place : …………………..

*(For University Departments: Registrar, R & D Centres: Director)*

(Seal)

### **CERTIFICATE ON BREAK IN CAREER**

### I, Dr.. ………………………………………………………….. hereby certify that I am interested in pursuing research in the field of …………………………………………… .. and that I have a ***break in my career /research***\* after my Ph.D programme from…/…/……. (D/M/Y) to …/…/……. (D/M/Y) due to…………………….………….......................................................................................

### ..............................................................................................................................................................................................................................................................................................................................

### In case I am selected for the award of Post-Doctoral Fellowship/Research Fellowship, I will be fully committed to carrying out the research and will work for successful completion of the programme as envisaged.

### Name & Signature of the Candidate

### Place:

### Date:

### Attested

### (*By an officer /guide with whom the candidate*

###  *has been associated during/after the*

###  *break in research /career).*