*14th November 2018*

KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

**WOMEN SCIENTISTS DIVISION**

APPLICATION FOR

## **“BACK –TO- LAB” POST-DOCTORAL FELLOWSHIP 2018-19**

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

*(To be submitted in prescribed format* ***in original*** *along with 2 additional copies, printed on both sides)*

[Please forward soft copy of the proposal to ***womenscientistkerala@gmail.com***]

SECTION – A

**GENERAL INFORMATION**

Insert photo

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. Place of Birth :

*(Enclose documentary proof)*

7. Married/Unmarried :

8. Academic record (from Degree onwards)

*(Enclose Attested copy of Certificate of qualifying examination admissible for Back- to- Lab programme)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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/UGC/ICAR, etc. If yes, indicate

Name of the examination, Year and Grade:

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

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

12. 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 *(maximum 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

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

13. Research fellowship received:

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

14. Details of break in science career in chronological order (*include gap period with reasons for the gap*)

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

15. Have you applied for Post-Doctoral Fellowship at KSCSTE or elsewhere at present? If so give details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of fellowship | Sponsoring agency | Date of application | Amount of Support  sought | Name of the Host Institute |
|  |  |  |  |  |

16. Details on Ph.D work

(i) Topic of Ph.D programme :

(ii) Institution / Research Centre where the applicant completed the Ph.D. work:

(*Enclose copy of Ph.D. Synopsis- content not exceeding 4 A4 pages)*

(iii) Month/Year of award of Ph.D:

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. Broad subject area:

3. Area of specialization:

4. Institution where work is proposed to be carried out: *(Name, address, tele.no. , e-mail etc.)*

*[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 ]*

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

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

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 for the proposed Post-Doctoral research programme.
11. Name three institutions and scientists in the country who are working in the proposed area of research:

## **Declaration of 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 will actually be available as and when required for the purpose of the work.
3. I am not an employee of any institution and is not in receipt of salary/fellowship or any other emoluments from any source at present.
4. I have not undergone Post-Doctoral Fellowship earlier either in KSCSTE or elsewhere.
5. 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:

**Attestation by Director / Head of the Institute**

I have satisfied myself about the credentials of the applicant and will provide him/her all the infrastructure facilities to carry out his/her research work in this laboratory. The institute will also be responsible for monitoring the progress of his/ her research if admitted under Back-to-Lab PDF and disbursing the fellowship as per the terms and conditions to the candidate. Also agrees that the supervision and support of the mentor who is a permanent faculty/scientist of this institution can be extend for carrying out the research of the candidate availing the PDF of KSCSTE, under the Back-to-Lab programme.

Name:

Signature

[Director /Head of Institution]

Place

Date:

Office seal

#### Statement V: List of items to be attached with the application

#### (Tick the appropriate items submitted)

1. Application (*Project proposal* ***in original*** *with 2 additional copies in the prescribed format, along with soft copy in MS-word format, to be mailed to* [*womenscientistkerala@gmail.com*](mailto:womenscientistkerala@gmail.com))
2. Biodata of Applicant & Scientist Mentor { each not to exceed 2 A4 pages}- Annex 1 (a) & 1 (b)
3. Consent from Scientist-Mentor - Annex II ( Format enclosed)
4. Endorsements from the Head of - Annex III(Format enclosed)

Host Institution (*on letter-head)*

1. Brief synopsis on the Ph.D work - Annex IV(Format enclosed)

*-not to exceed two A4 pages*

*6.* Certificate on break in career *-* Annex V (Format enclosed)

1. Attested Copies of Certificates in - Annex VI

[(i) *Proof of Age, (ii) Place of Origin,*

*(iii) Qualification and*

*(iv) Research Experience* *if any.]*

Date: Name & Signature of candidate

### 

**Annex II**

**CONSENT FROM SCIENTIST MENTOR**

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 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 :

**Annex III**

### **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/ Research Fellow, as the Principal Investigator and Dr./Shri./Smt……………………………….…………………..., Institute nominee, as the Scientist Mentor.

1. It is certified that the scientist-mentor assigned for the present study is a regular employee of the Institute and **is left with more than five years of service** in the Institute.
2. 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.
3. Institute assumes to undertake the financial and other management responsibilities of the project.
4. 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 : …………………..

(Seal)

**Annexure IV**

**FORMAT FOR SUBMISSION OF SYNOPSIS OF Ph.D. WORK**

*(Not to exceed Four A4 pages and printed both sides)*

1. **General**
2. Name :
3. Institution (Ph.D. Registration) :
4. Dates of Ph.D. Registration and completion :
5. Title of Ph.D. dissertation :
6. Research Guide :

**II. Technical Details**

1. Objectives of the study :

2. Materials and Methods :

3. Results and Discussion :

4. Outcomes of the Project (Brief summary) :

i. Salient findings ( in bullet points) including technical details and innovations

ii. Publications

i. Journals (a. International , b. National),

ii. Papers presented in Conferences

iii. Other publications

### **CERTIFICATE ON BREAK IN CAREER Annex. V**

### 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***\* 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).*