

38/A1/2023/IUCBR&SSH

23.08.2023

### NOTIFICATION

#### **Notification for the selection of Chief Minister's Nava Kerala Post-Doctoral Fellowships in the Inter University Centre for biomedical Research & Super Speciality Hospital (IUCBR&SSH), MG University, Thalappady, Kottayam**

Ref- No. 1. MG University website notification dated 16.08.2023

2. No.C3/19/2023- HEDN dated 16-08-2023

3. VC.502/1/019/2023 from MGU dated 22-06-2023

4. G.O. (Rt) No.819/2023/HEDN dated 06-06-2023

IUCBR & SSH, invites applications from eligible candidates for Chief Minister's Nava Kerala Post  
Doctoral Fellowship for the following projects:

| Sl. No. | Thematic Areas of Research / Name of the project  | Qualifications   |
|---------|---|--|
| 1       | Genetic basis of drug-seeking behavior among adolescents in Kerala                        | <b>Essential:</b> Ph.D. in any branch of Life Sciences<br><b>Desirable:</b> Experience in molecular neurobiology, specifically on genetics of neurological and neuropsychiatric diseases   |
| 2       | Impact of brain hyperglycemia on cognition: A multidisciplinary approach                  | <b>Essential:</b> Post graduate medical qualification (MD or equivalent) in Allopathy or Ayurveda.<br><b>Desirable:</b> Degree / Diploma in Clinical Research. Experience in Pharmacology of Allopathic and /or Ayurvedic medicines  |
| 3       | Identification of biomarkers for drug addiction using a computational approach            | <b>Essential:</b> Ph.D. in Bioinformatics / Computational Biology<br><b>Desirable:</b> Experience in computational modeling of biomolecules. Laboratory experience or capability in <i>in vitro</i> culture and assays   |
| 4       | Development of molecular diagnostic panel for acute febrile illness                       | <b>Essential:</b> Ph.D. in any branch of Life Sciences<br><b>Desirable:</b> Experience in molecular detection of fever-causing infectious diseases and handling of high-risk pathogens   |
| 5       | Novel, easy to savor Ayurvedic formulations for difficult to ingest medicinal concoctions | <b>Essential:</b> MD in Ayurveda<br><b>Desirable:</b> Experience in the preparation of herbal extracts for human use, and Ayurvedic formulations. Characterization of chemistry and biology of formulations employing high-end laboratory procedures. Capable of conducting limited, controlled clinical trials. |

#### **General Eligibility Conditions:**

1. Scholars who are Keralite in origin and possesses Ph.D./MD degree in relevant areas
2. Scholars who are not Keralite, but working in research related to Kerala in Universities/Institutions in Kerala,
3. Candidates who have submitted their Ph.D. thesis,
4. MD holders in medicine from recognized Universities that are approved by the appropriate councils,

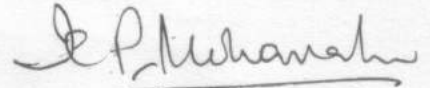
5. Scholars working in India and abroad investigating on topics/areas related to Kerala.
6. Upper age limit is 45 years as on the date of application, with relaxation of five years for women applicants and candidates from other eligible categories (SC/ST/OBC/Physically challenged).
7. For more details on the eligibility conditions, refer to the government order from Higher Education (C) Department, G.O. (Ms)No. 594/2022/HEDN dated 03.12.2022.

### General Instructions

1. Candidates applied earlier have to resubmit the proposal in the required format attached.
2. All applications should be submitted to the below given address, only through the email: **careeriucbr@gmail.com.**
3. Scholars of Kerala origin and possessing Ph.D./MD degree can apply. Scholars who are not Keralite but working in research related to Kerala can also apply.
4. Other general eligibility conditions, mode of selection, duration and value of fellowships and all other provisions are as applicable to the Chief Minister's Nava Kerala Post-Doctoral Fellowships, Government of Kerala.
5. The upper age limit is 45 years as on the last date of application, with relaxation of five years for women and candidates from other eligible categories (SC/ST/OBC/Physically challenged/women).

### How to apply:

Eligible candidates can send their application (Section A) and proposed project (Section B) in the given format to **The Director, Inter University Centre for Biomedical Research & Super Speciality hospital(IUCBR&SSH), Mahatma Gandhi University Campus at Thalappady, Rubber Board PO, Kottayam, Kerala- 686009** or through the **careeriucbr@gmail.com** on or before Sept.30, 2023.



Director

23/8/2023

Copy to: i) PRO, MG University  
ii) IUCBR&SSH website  
iii) Notice Board

CPD

**GOVT.OF KERALA**  
**CHIEF MINISTER'S NAVA KERALA POST-DOCTORAL**  
**FELLOWSHIP**

**Administered by KSHEC-Module 1**

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APPLICATION

*[A Programme for Ph.D. holders to pursue independent research and to develop  
career as scientists]*

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SECTION – A

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**GENERAL INFORMATION**

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1. Name (in Block Letters) :
2. Postal address for correspondence:
3. Telephone- Land line:E-mail:
4. Permanent address :
5. Age and Date of Birth :
6. Age relaxation claimed (Yes/No) :
7. Are you Keralite by origin/domicile:
8. Married/Unmarried :
9. Academic record (from Masters' Degree onwards)

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

10. Scholarships, Medals, Awards, Prizes, Distinctions or Honours received:
11. Whether passed NET/GATE/ICAR/ICMR/KSCSTE/ICHR Research Fellowship: If yes, indicate Name of the Examination, Year and Rank:

12. Give details of previous employment, if any:

| Sl. No. | Name of the Employer | Designation | Duration | Nature of work |
|---------|----------------------|-------------|----------|----------------|
|         |                      |             |          |                |

13. Give details of research experience, if any:

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

14. (a) Research output: (*Numbers only*)

| Publications in Peer reviewed Journals (in SCI/Scopus) |               | Seminar/Conference proceedings |               | Books | Chapters |
|--|---------------|--------------------------------|---------------|-------|----------|
| National   | International | National                       | International |       |          |
|  |               |                                |               |       |          |

1. Details of Research Publications in SCI/Scopus journals:

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

2. Details of patents (if any):

| Sl. No. | National | International | Year |
|---------|----------|---------------|------|
|         |          |               |      |

15. Details of Ph.D./MD work

(i) Title of the Ph.D./MD thesis:

(ii) Outcome of the work:

(iii) Name of the R&D Institute/University Dept./College where you have done the Ph.D./MD Work:

(iv) Date of award of Ph.D./MD:

16. Are you currently doing Post-Doctoral Research of any funding agency, if yes give details:

17. Research fellowship received (if any):

| Name of fellowship | Sponsoring agency | Duration |    | Fellowship Amount |
|--------------------|-------------------|----------|----|-------------------|
|                    |                   | From     | To |                   |
|                    |                   |          |    |                   |

18. Name and address of two referees from whom the testimonials are attached

a)

b)

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## SECTION – B

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### DETAILS OF THE R&D PROJECT TO BE SUBMITTED ALONG WITH THE APPLICATION

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#### I. Project Profile

1. Title of the proposed research project:
2. Broad subject area:
3. Institution where work is proposed to be carried out:(Name, address, Tel 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)/ UniversityDepartments]

#### II. Technical Information of the Project Proposal shall include the following titles (Each title preferably within 200 words)

1. Research Question (An outline of the research proposed to be carried out) :
2. Expected outcome
3. Significance of the expected outcome with respect to the latest developments in the field and its utility if any specific to the socio-economic or developmental scenario of the State of Kerala

## **DECLARATION BY THE APPLICANT**

1. I ..... agree to abide by the terms and conditions of the Nava Kerala Post-Doctoral Fellowship.
2. I have explored and ensured that equipment and basic facilities in the Institution will be available as and when required for the purpose of the work.
3. I 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 Nava Kerala Post Doctoral Fellowship on the basis of such information, my candidature will be terminated. I also understand that I have to undertake the agreement, in the prescribed format with KSHEC for fulfilling the conditions necessary for awarding the Post-Doctoral Fellowship, if selected.

Place:

Signature:

Date:

Name & Address:

**Applications must carry self-attested copies of certificates to prove date of birth, place of birth, category (for age relaxation only), PhD./MD degree and patents. List of publications (only those relevant to the proposed research area) also need to be enclosed.**