

No. KUDSIT/93/AR.AD/2022

Technocity, Dated: 10.06.2022

### **Rolling Advertisement (2022-23)**

The “India Innovation Centre on Graphene” is a joint initiative of Digital University Kerala and CMET Trichur, with Tata Steel as its industrial partner. The project is jointly funded by the Ministry of Electronics and Information Technology, Government of India and Government of Kerala.

The “India Innovation Centre on Graphene” invites applications for funding postdoctoral fellowships in the following categories. Candidates shall apply online through the Recruitment Portal. The guidelines for the submission of applications are available in the recruitment portal.

#### **I. Important dates:**

<b>Date of Commencement of submission of application</b>	<b>15.06.2022</b>
<b>Commencement of Processing of application</b>	<b>Phase I - 01.08.2022 Phase II - 01.10.2022 Phase III- 01.04.2023</b>

**NOTE: This is a Rolling Advertisement. The Advertisement will be open up to 31.03.2023. Applications with scanned copies of the documents required shall be submitted online latest by any of the following deadlines (Phase 1 - July 31, 2022; Phase 2 – September 30, 2022; Phase 3 – March 31, 2023). The First phase of processing of the applications will commence on 01.08.2022. The applications received up to 31.07.2022 will be considered in the first Phase. The applications received after 31.07.2022 will be processed in the next phases subject to requirement. The status will be updated in the website.**

#### **DETAILS OF POST, QUALIFICATION, EXPERIENCE REQUIRED**

##### **I.**

<b>Job Code</b>	<b>: PDA /062022/93</b>
<b>Name of Post</b>	<b>: Post-Doctoral Associate</b>
<b>Age</b>	<b>: Should not exceed 35 Years as on the deadline for submission of application.</b>
<b>Fellowship</b>	<ul style="list-style-type: none"> <li>• Rs. 55,000/- per month (consolidated) for Candidates with Ph.D</li> <li>• Rs. 35,000/- per month for candidates who have submitted the thesis but degree not awarded. On award of Ph.D they will be paid fellowship @ Rs.55,000/- Per month</li> </ul>
<b>Essential Qualification</b>	Doctoral Degree in Engineering/Science/Technology from a recognized University / Educational Institution. Recent PhDs or those submitted thesis will also be considered



<b>Nature of Engagement</b>	Postdoctoral fellowship is available against approved projects for a period of two years. The Fellows will be reviewed every 6 months for their project progress and performance. All fellows should be available full-time at IICG or Digital University Kerala during the fellowship period.
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## II.

<b>Job Code</b> <b>Name of Post</b> <b>Fellowship Amount</b> <b>Age</b>	: <b>PDPS-I/062022/93</b> : <b>Post-Doctoral Project Scientist I</b> : <b>Rs. 56,000/+ 18% HRA</b> : Should not exceed <b>35 Years</b> as on the deadline for submission of application.
<b>Essential Qualification</b>	Doctoral Degree in Engineering/Science/Technology from a recognized University / Educational Institution. Candidates with experience in Graphene or 2D materials up to 3 years are preferred to this position .
<b>Nature of Engagement</b>	Postdoctoral fellowship is available against approved projects for a period of two years. The Fellows will be reviewed every 6 months for their project progress and performance. All fellows should be available full-time at IICG or Digital University Kerala during the fellowship period.

## III.

<b>Job Code</b> <b>Name of Post</b> <b>Fellowship Amount</b> <b>Age</b>	: <b>PDPS-II/062022/93</b> : <b>Post-Doctoral Project Scientist II</b> : <b>Rs. 67,000/+ 18% HRA</b> : Should not exceed <b>40 Years</b> as on the deadline for submission of application.
<b>Essential Qualification &amp; Experience</b>	Doctoral Degree in Engineering/Science/Technology from a recognized University / Educational Institution AND minimum 3 years of research/industry experience in a science/technology Organizations/ Institutions with previous experience in Graphene or 2D materials
<b>Nature of Engagement</b>	Postdoctoral fellowship is available against approved projects for a period of two years. The Fellows will be reviewed every 6 months for their project progress and performance. All fellows should be available full-time at IICG or Digital University Kerala during the fellowship period.

## IV.

<b>Job Code</b> <b>Name of Post</b> <b>Fellowship Amount</b> <b>Age</b>	: <b>PDPS-III/062022/93</b> : <b>Post-Doctoral Project Scientist III</b> : <b>Rs. 78,000/ + 18% HRA</b> : Should not exceed <b>42 Years</b> as on the last date for submission of Application.
<b>Essential Qualification &amp; Experience</b>	Doctoral Degree in Engineering/Science/Technology from a recognized University / Educational Institution AND minimum 6 years of research/industry experience in science/technology Organizations/ Institutions with experience in Graphene or 2D materials or its applications
<b>Nature of Engagement</b>	Postdoctoral fellowship is available against approved projects for a period of two years. The Fellows will be reviewed every 6 months for their project progress and performance. All fellows should be available full-time at IICG or Digital University Kerala during the fellowship period.



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**Age Relaxation for submission of application:**

5 years for candidates belonging to SC/ ST and 3 years for OBC candidates.

**Job Location** - Job location for all posts will be at Kochi or Thiruvananthapuram or both.

**Mode of Selection:**

I. The selection will be made after a screening cum selection committee process. The interested applicants must submit a research proposal for evaluation that includes the following:

1. Title of Proposal,
2. Problem Statement,
3. Methodology,
4. Timeline and milestones,
5. Specific requirements of equipment, and
6. Expected outcomes.

The research project outcome is expected to be at TRL level 4 or above. The proposal should be typed in Times New Roman with font size of 10, and not more than three A4 size pages, including references. Multi-institutional project proposal, mainly having industry collaborations, is desirable.

The fellowship is offered towards creating new products based on Graphene. This shall include practical design and engineering issues that go beyond basic sciences and fundamental research. The center focuses on applied research and expects all Postdoctoral Fellows to think about developing new products or use cases with Graphene that can be widely commercialized.

II. The call for fellowship is limited to following topics:

1. Applications of Graphene in all areas of strategic importance to India eg. Artificial Intelligence, Quantum Computing, Semiconductors, Security, Energy etc.
2. Applications of Graphene in industrial and consumer products.

**Additional benefits:**

Travel support to conferences, consumables and other facilities required for the project will be provided by the centre against the needs as per the university regulations.

**General Instructions:**

- I. Scanned copy of the documents to prove age, qualifications, experience, etc. should be uploaded along with online application and originals to be produced as and when called for. **Applications without attaching the above documents shall be summarily rejected.** No further chance will be given for submitting the same.
- II. Candidates should ensure that the particulars furnished by him/her are correct in all respects. **Anything not specifically claimed in the application against the appropriate field will not be considered at a later stage. No deviation whatsoever from the filled in data will be entertained.** In case it is detected at any stage of the recruitment that a candidate does not fulfil the eligibility norms and /or that he/she furnished any incorrect/false information or has suppressed any material fact, his/her



candidature will stand cancelled. If suppression of material facts or furnishing of any incorrect/false information is detected even after appointment, his/her service is liable to be terminated.

- III. Applications submitted without fulfilling the eligibility and other norms mentioned in this Notification as well as the instructions published in the Recruitment Portal of the University will be summarily rejected.
- IV. The PhD degree must be obtained and produced for validation before the date of joining.

#### **How to Apply:**

1. The application form is available at <https://www.duk.ac.in/careers>.
2. No interim queries after the submission of the application will be entertained. The candidates will be intimated the schedule of the Interview through their registered email only.
3. The candidates are advised to check their registered e-mails regularly after the deadline fixed for the submission of the application.
4. The University has the right to cancel the advertisement or entire selection process at any stage without assigning reason thereof and the decision of the University shall be final.

**Registrar**

