# Notification

## Admissions to PhD. Programmes under Visvesvaraya PhD Scheme (2023) for Electronics and IT: Phase-II @ NIT Calicut

## Admissions to PhD. Programmes under Visvesvaraya PhD Scheme for Electronics and IT: Phase-II @ NIT Calicut (Available in CSED, ECED, EED and MED)

NIT Calicut is conducting the selection process for admission to the full-time Ph.D. programmes 2023-2024 under the Visvesvaraya Ph.D. Scheme for Electronics and IT: Phase-II on **4th October 2023**. **A total of four vacancies (in CSED, ECED, EED and MED) are available under this scheme during 2023-24 at NIT Calicut.** In case, no qualified candidates are available in any of the Department (s) after the selection process, the resulting vacancy shall be allotted to eligible candidates belonging to another Department (s). Candidates admitted under Visvesvaraya Ph.D. scheme will be governed by the guidelines issued by the Ministry of Electronics and IT (MEITY), Govt. of India.

### 1. Salient features of the Visvesvaraya PhD Scheme for Electronics and IT: Phase-II (Full Time PhD Candidates)

- The candidates would be enrolled at the supported institution (NIT Calicut) under the scheme as per the procedural norms and 'Terms & Conditions' of that institution as well as the Terms & Condition of the Visvesvaraya Ph.D. scheme: Phase -II
- Financial support provided to each Full Time PhD candidate is as mentioned below.
  - Fellowship: Revised to Rs 38,750/- per month (I & II year); Rs 43,750/- (III to V year).
  - Research Contingency Grant Support: An amount of Rs. 1,20,000/Year/Full-time PhD candidate for support duration of Ph.D. candidate.
  - Reimbursement of Rent for those Full Time Ph.D. candidates who are not provided hostel/institute accommodation: The ceiling for Reimbursement of Rent would be 24%, 16%, and 8% of the fellowship amount as per the Government of India norms for class X, Y or Z cities respectively.
  - One-time support for attending International Conference for selected candidates fulfilling eligibility criteria based on the guidelines to be provided in due course
  - One-time support for visit to Labs abroad for selected candidates fulfilling eligibility criteria based on the guidelines to be provided in due course.

### 2. Key Research Areas under Visvesvaraya PhD Scheme for Electronics and IT: Phase-II

Selected candidates will be required to work in any one of the research areas mentioned below:

3D Printing, 5G Communication, Analog Electronics, Artificial Intelligence, Big Data, Biotechnology/ Medical Electronics, Blockchain/ Distributed Computing, Cloud Computing, Complier Design, Computer Architecture, Computer Networking, Control Systems/ Robotics, Cryptography, Cyber Security, e-Governance, Electrical Machines and Drives, Electromagnetic, Embedded System, Geospatial System, Green and Sustainable ICT, Hardware security, HCI and ICTD, Image Processing/ DSP/ Pattern Recognition, Internet of Things/ Wireless Sensor Network,. IT and Agriculture, Large Area Electronics, Machine Learning, Materials, Microwave Devices, Mobile Communication, Nanoelectronics, Natural Language Processing, Optoelectronics, Packaging, Power Electronics, Quantum Computing/

Communication, Renewable Energy source, RF/ Wireless Communications, Scientific Evaluation, Software Engineering, Vehicular electronics & VLSI Design.

### 3. Eligibility Requirements for Admission to Ph.D. Programmes

The candidates applying for admission to Ph.D. Programmes at NITC must have passed M.E./M. Tech. Degree in the appropriate branch of study with minimum 60% marks (CGPA 6.0/10)[For SC/ST/PWD candidates, the minimum mark is 55% (CGPA 5.5/10)]. Candidates are also required to have passed B.E./B. Tech. Degree in an appropriate branch with minimum 60% marks (CGPA 6.0/10) in the qualifying examination. [For SC/ST/PWD candidates the minimum percentage of marks is 55% (CGPA 5.5/10)]. Candidates who secured B. Tech./BE degree under lateral entry should have passed the three-year diploma in engineering with minimum 60% marks (CGPA 6.0/10) [For SC/ST/PWD candidates 55% marks (CGPA 5.5/10)]. Holders of AMIE (approved by AICTE) / other nationally approved programmes equivalent to B. Tech / B.E. in an appropriate area of study, may also be considered eligible.

- For admission to Ph. D program in **Department of Computer Science & Engineering,** candidates should have passed ME/M. Tech or equivalent in Computer Science and Engineering (CSE) or in relevant disciplines related to major areas of research available in CSED.
- For admission to Ph. D program in **Department of Electronics and Communication Engineering (ECED),** candidates should have passed ME/M. Tech or equivalent in Electronics and Communication Engineering (ECE)/Electrical Engineering (EE)/Computer Science and Engineering (CSE) or in relevant disciplines related to major areas of research available in ECED.
- For admission to Ph. D programme in **Department of Electrical Engineering (EED),** candidates should have passed ME/M. Tech or equivalent in Electrical Engineering (EE)/Electrical & Electronics Engineering (EEE)/ Electronics & Communication Engineering (ECE)/Applied Electronics & Instrumentation (AEI)/Electronics & Instrumentation (EI)/Instrumentation & Control (IC) /Avionics (AVN) or in relevant disciplines related to major areas of research available in EED.
- For admission to Ph. D program in **Department of Mechanical Engineering (MED),** candidates should have passed ME/M. Tech or equivalent in Mechanical Engineering(ME)/Production Engineering(PE) or in relevant disciplines related to the major areas of research available in MED.

### 4. Selection Process

Candidates, satisfying the minimum eligibility conditions and willing to work in research areas under Visvesvaraya PhD Scheme for Electronics and IT detailed above, may walk-in for the selection process to be held at NIT Calicut as per the schedule given below:

**Reporting Date and Time for the Selection process: 4th October 2023 @ 9.00 am**
**Venue: Respective Departments (CSED/EED/ECED/MED)**

**Selection of candidates for the Ph.D. Programme will be based on written test and technical interview.** For more details regarding the Visvesvaraya Ph.D. scheme, interested candidates may explore the webpage: http://phd.digitalindiacorporation.in/

5. **Fee Structure**

**The fee structure for Ph.D. Programme (Visvesvaraya PhD Scheme) 2023-24 admissions is given below.**

Tuition Fee may vary as per the directives of Ministry of HRD, Government of India from time to time. The present tuition fee is as per MHRD Order F. No. 33-4/2014-TS.III dated 5th May, 2014 and subsequent clarifications under reference F No. 28/2013/TS.III dated 21st October, 2014. Other fees are as determined by the Institute as per provision of Statute No. 37(i)(b).

| Fee Category | |
|---|---|
| **(a) Onetime fee at the time of admission#(Rs.)** | |
| Caution Deposit | 5,000 |
| Admission Fee | 5,000 |
| Development Fee | 10,000 |
| Library Fee | 5,000 |
| Alumni Affairs Fee | 2,000 |
| Career Development Fee | 500 |
| Students Welfare Fee | 1,000 |
| Association and Cultural Fee | 1,000 |
| Convocation Fee | 3,000 |
| **Total (a)** | **Rs.32,500/-** |
| **(b) Other Fee#(Rs.)** | **Monsoon Semester 2023-24** |
| Tuition Fee | 7,500* |
| Registration Fee | 1,750 |
| Examination Fee** | 1,500 |
| Students Activities Fee | 1,000 |
| Health Centre Facility Fee | 500 |
| Sports Fee | 1,000 |
| Campus Amenities Fee | 500 |
| Computing Facility Fee | 1,000 |
| Internet Fee | 500 |
| Mediclaim*** | 1186 |
| **Total (b)** | **Rs.16,436** |
| **Total Amount during admission** | **Rs.48,936/-@** |

*NIL for SC/ST students
**To be paid upto 4th Semester only
***Mediclaim coverage will be available for the registered students from 31st July 2023 to 30th July 2024. Policy amount may vary year to year.
#Subject to revision every year.    ##To be paid during the registration for Vth Semester

### 6. Hostel Admissions

Limited hostel accommodation facilities are available in the campus. The fee structure for the hostel admissions and hostel charges (with effect from 2023-24 admissions) are as given below:

| Sl. No | Description | Amount (Rs) |
|---|---|---|
| | **A.  One-time fee at the time of admissions** | |
| 1 | Cost of application form | 500/- |
| 2 | Hostel Amenities Fund (Non-refundable) | 6,500/- |
| 3 | Caution and Furniture Deposit (refundable at the end of the programme on production of Non-Liability Certificate) | 15,000/- |
| **Total (One-time fee at the time of admissions)** | | **22,000/-** |
| | **B.  Hostel establishment charges and other charges per semester (Non-refundable)+** | **13,000/-** |
| | **C.  Mess advance per semester+** | **27,000/-** |
| | **D.  Hostel seat rent+&** | **9,000/-** (shared room) **10,000/-** (single room) |

+Note: Items B, C & D are payable upfront, in the beginning of every semester

For any enquiry related to hostel accommodation, candidates may contact hostel office after the admission process. Candidates are advised to make payments towards hostel room allotment only after confirming with Hostel Main Office.

### 7. Documents to be Produced for Physical Verification During the Selection process

a) Proof of Date of Birth (SSLC or equivalent certificate)
b) Degree certificates and consolidated/semester wise mark list for UG and PG programmes
c) Candidates who have appeared for their final semester PG examination and are awaiting results have to produce the course completion certificate from the Head of the Institution stating that he/she has appeared for the final semester examination.
d) Photo ID Proof (Aadhaar Card or any other relevant document)
e) Proof of National Level Eligibility Tests (GATE/ NET etc., if any)
f) Recent PHOTOGRAPH (Passport)
g) Conduct/Character certificate from the Head of the Institution/Organization last attended/working or Gazetted Officer issued within the last six months (i.e., issued on or after 1 April 2023)
h) Transfer Certificate issued from the institute last studied/attended. You can submit the Migration certificate instead of the Transfer certificate, only if the Institute is not providing the same. In case you are submitting the migration certificate we need proof issued from the institute last studied/attended stating that they do not issue a transfer certificate.
i) One self-attested Photostat copies of all certificates as mentioned above
j) Reprints of journal or conference publications, if any

## LEGAL JURISDICTION

All disputes pertaining to the counselling and admission for the Ph.D. programme of NIT Calicut shall fall within the jurisdiction of High Court of Kerala only.

### Address for Correspondence

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