

# राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर

#### NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE, DURGAPUR-713209

West Bengal, INDIA, www.nitdgp.ac.in

Date: 31/03/2023

An Autonomous Institution of the Govt. of India under Ministry of Education (Shiksha Mantralaya)

### **Advertisement for Faculty Positions**

Advertisement No. NITD/Estt./Faculty /02/2023

National Institute of Technology Durgapur (an Institute of National Importance) under the Ministry of Education (Shiksha Mantralaya), Government of India invites applications for Faculty Positions from Indian nationals possessing excellent academic background along with commitment to quality teaching and research as per following table in different departments.

| Sl.<br>No. | Name of the Post                            | Pay Scale                                      | No. of Vacancies       |
|------------|---|--|------------------------|
| 1          | Professor                                   | Level-14A, Pay Matrix<br>₹.159100-220200/-     |                        |
| 2          | Associate Professor                         | Level -13A2, Pay Matrix:<br>₹. 139600-211300/- |                        |
| 3          | Assistant Professor<br>Grade-I              | Level -12, Pay Matrix: ₹. 101500-167400/-      | 39<br>(Flexible Cadre) |
| 4          | Assistant Professor<br>Grade-II (Level -11) | Level -11, Pay Matrix:<br>₹. 84800-117200/-    | (                      |
| 5          | Assistant Professor<br>Grade-II (Level -10) | Level -10, Pay Matrix:<br>₹. 70900- 98200/-    |                        |

#### **ELIGIBILITY CRITERIA**

**Qualifications for the Post: -** PhD with first class or equivalent at the preceding degree level in the appropriate branch with a very good academic record throughout.

Detailed Educational Qualifications, Experience and other criteria for selection shall be as per the Modified Recruitment Rule (MRR) for Faculty in NITs approved in the Minutes of the meeting of the Council of <u>NITSER</u> on 26<sup>th</sup> May, 2017, issued by MHRD, GOI vide No. F 33-9/2011-TS.III, dated 29/05/2017 and published in the Gazette of India dated 24.07.2017 along with the Oversight Committee recommendations dated 16/04/2019, which are available on the Institute website along with details of the advertisement at https://nitdgp.ac.in/p/careers.

| Sl. | Posts                                       | Essential Requirements for the post  | Cumulative    |
|-----|---|--|---------------|
| No  |   |  | essential     |
|     |   |  | Credit points |
| 01  | Professor                                   | 10 years after Ph.D. or 13 years total working experience, out of which 07 years should be after Ph.D. At least 03 years at the level of Associate Professor with AGP of Rs. 9500/- or 04 years at the level of Associate Professor with AGP of Rs. 9000/- or combination of Rs. 9000/- and Rs. 9500/- or equivalent in an Institution of repute/R&D lab or relevant Industry. | 80            |
| 02  | Associate Professor                         | 06 years after Ph.D. of which at least 03 years at the level of Assistant Professor with AGP Rs. 8000/- or 09 years total working experience of which 03 years should be after Ph.D., with at least 03 years at the level of Assistant Professor with AGP Rs. 8000/  | 50            |
| 03  | Assistant Professor<br>Grade-I              | 03 years after Ph.D. or 06 years total teaching and research experience in reputed academic Institute/R&D Labs/relevant industry.  | 20            |
| 04  | Assistant Professor<br>Grade-II (Level -11) | 01 year post Ph.D. experience of Teaching and research in Institution of repute/Industry.  | 10            |
| 05  | Assistant Professor<br>Grade-II (Level -10) | Ph.D. only   | NIL           |

#### **Academic Compensations and Incentives**

In addition to normal pay and allowances as applicable to the Central Government employees stationed at Durgapur, following additional incentives are also available to the faculty members:

- a) Full funding for attending National/International conference either for presenting a paper or chairing session as per Institute guidelines; membership of professional societies and purchase of books under Professional Development Allowance (PDA) limited to 3.00 lakh in 3 years (all taken together and subject to policies that may change from time to time as per GOI guidelines).
- b) **Accommodation:** Suitable residential accommodation will be provided at the Institute campus as per rules, subject to availability. HRA as per GOI norm may be paid in lieu of residential accommodation.

#### **General Information**

- 1. All Qualifications, Experience will be considered as on or before 31.03.2023.
- 2. Application along with all the relevant documents must be submitted by the candidate.
- 3. Reservation for SC/ST/OBC/PWD/EWS is as per vide Office Memorandum No. 36039/1/2019-Estt(Res) dated 31/01/2019 and orders issued in this regard time to time from GoI.
- 4. Age relaxation for SC/ST/OBC/PWD candidates is applicable as per government of India norms.
- 5. Candidates should submit their valid SC/ST/OBC/PWDs/Disability Certificate issued by the competent Authority in the prescribed format along with application form in support of their claim.
- 6. The valid OBC-Non Creamy Layer (OBC-NCL) certificate should be issued by the appropriate Authority as per the prescribed format of the Government of India.
- 7. All degrees mentioned in the application should be awarded by an Institute/ University recognised by the Government.
- 8. No person, (i) who had entered into or contracted a marriage with a person having a spouse living; or (ii) who is having a spouse alive, has entered into or contracted a marriage with any person, shall be eligible for appointment to the said post;
- 9. As an Institute of National Importance, NITD strives to have a workforce which reflects an all India character and hence candidates from all over the country are encouraged to apply.
- 10. NITD strives to have a workforce which also reflects gender balance and hence women candidates are especially encouraged to apply.
- 11. Persons employed in Government / Semi Government Organizations or Autonomous Bodies should submit their application through proper channel.
- 12. Selection shall be made following the detailed guidelines as per the Modified Recruitment Rule (MRR) for Faculty in NITs, approved by President of India and published in Gazette of India dated July 24, 2017. The Institute will implement any revision/modification/amendment to the MRR duly approved and notified by Government of India from time to time.
- 13. There shall be no distinction between external and internal candidates with regard to the requirements of essential qualification, essential requirements and cumulative essential credit points and experience in Schedule of MRR. However, there shall be no constraint with respect to specialisation for the serving faculty members in this institute applying for higher post/grade pay.
- 14. All new entrants shall have Ph.D. in relevant or equivalent discipline and shall have been placed in the first class in preceding degrees.
- 15. Applications received on or before the published closing date will only be considered for scrutiny and selection.
- 16. Mere fulfilment of minimum qualification and experience requirements does not entitle any candidate for a call for interview. A short listing criterion may be set higher than the minimum
- 17. Depending on perceived availability of qualified candidates, different departments may set different short listing criteria. The same department may also set different short-listing criteria for different specializations.

- 18. The Institute reserves the right to call all the eligible candidates or short listed candidates for interview after screening by the Institute. The Institute also reserves the right to defer or cancel the selection process without assigning any reason thereof. The decision of the Institute in this regard will be final and binding on all the applicants who respond to this advertisement. No interim communication on the status of application will be entertained.
- 19. Candidates who are unable to attend the interview for being abroad may be permitted to attend the interview on their request through video conferencing on case to case basis on discretion of the Chairperson of the selection committee. It is mandatory to have personal presence in the interview for the applicants who are residing in India.
- 20. Candidates who are selected for interview will have to produce original documents in support of all the particulars mentioned in their application form regarding their reservation category, educational qualification, experience and other claims.
- 21. Apart from merit, the specialization of a candidate within a department will play a vital role in selection. Candidates with specializations that are in greater need/ demand in the specific department will be given preference. Candidates with studentship or work experience in reputed Universities, Institutions or Industry or with greater relevance to the academic programmes of the department will be given preference. The Institute's decision on reputation of other Universities/Institute will be binding.
- 22. The Institute reserves the right to offer a lower post and/ or AGP than that applied for by any candidate based on recommendation of the selection committee.
- 23. Experienced and/or meritorious candidates may be granted higher starting pay on recommendation of the selection committee.
- 24. Selected candidates on regular positions will be under probation and will be confirmed subject to satisfactory completion of the probation and other requirements as per Institute Rules.
- 25. Candidates may be posted and/or transferred to any appropriate department as deemed fit at any time during service career at the discretion of the management.
- 26. Canvassing in any manner would entail disqualification of the candidature.
- 27. Name of the shortlisted candidates will be displayed in the Institute website. In addition, all information regarding selection test, Interview schedule, etc. will also be provided through the Institute website only. Candidates are requested to regularly visit the Institute website for updated information. The Institute will not be responsible in any manner if a candidate fails to visit/access the website in time.
- 28. The decision of the Institute in all matters will be final. No correspondence /interim inquiries will be entertained from the candidates in connection with the process of selection/interview including reasons for not being called for interview. Any dispute with regard to the selection / recruitment process will be subject to Courts / Tribunals having jurisdiction over Durgapur.

#### **How to Apply**

Candidates who are in employment of Government/Government Undertaking/ Autonomous Bodies must send their application through proper channel. Candidates applying for more than one department have to submit separate complete applications with application fee.

The Institute reserves the right to increase/ decrease/ allocate the number of posts in any department or cancel the recruitment procedure to any or all posts without any prior notice as well as without assigning any reason thereof. The institute will not be responsible for any postal loss or delay.

# **Specializations Required**

| Sl.<br>No. | Department          | Specialization  |
|------------|---------------------|---|
| 1          | Biotechnology (BT)  | Plant Genetics and Hormonal signaling     Biochemical Engineering/ Bioprocess Engineering   |
| 2          | Chemical Engg. (CH) | <ol> <li>Process Dynamics &amp; Control</li> <li>Process Analysis and Optimization</li> <li>Modeling and Simulation</li> <li>Process Equipment Design</li> <li>Fluid Mechanics</li> <li>Heat Transfer and Mass Transfer</li> <li>Chemical and Bio-Chemical Reaction Engineering,         Biochemical Engineering</li> <li>Nanotechnology</li> <li>Environment Engineering</li> <li>Catalysis</li> <li>Energy Engineering</li> <li>Computational Fluid Dynamics</li> <li>Chemical Engineering Thermodynamics</li> <li>Petroleum Refinery &amp; Petrochemicals</li> <li>Combustion Engineering</li> <li>Chemical Process Industries</li> <li>Membrane Technology</li> <li>New and Renewable Energy and allied fields.</li> <li>Material Science and Engineering</li> <li>Polymer Engineering</li> </ol> |
| 3          | Chemistry (CY)      | Must have M. Sc. Chemistry with Physical/Organic/Inorganic chemistry with research expertized in  1. Ultra-fast dynamics 2. Synthetic polymer chemistry 3. Medicinal Chemistry 4. Meso-porous metal-organic framework 5. Fuel cells   |
| 4          | Civil Engg. (CE)    | <ol> <li>Structural Engg.</li> <li>Geotechnical Engg.</li> <li>Transportation Engg.</li> <li>Water Resources Engg.</li> <li>Construction Engg.</li> <li>Environmental Engg.</li> <li>Remote Sensing/ Geo-informatics</li> <li>Geo-environmental Engg.</li> <li>Earthquake Engg.</li> </ol>  |

| Sl.<br>No. | Department                                | Specialization  |  |  |  |
|------------|---|---|--|--|--|
| 5          | Computer Science and<br>Engg. (CS)        | Smart healthcare & IoT Data Science, AI and ML, Signal Processing Embedded systems & VLSI, Cognitive Science NLP, Computational social science  |  |  |  |
| 6          | Earth and Environmental<br>Studies (ES)   | <ul> <li>A. The candidates must be Ph. D. with M. Sc/M. Sc. (Tech)/ MS in Geology/ Applied Geology or equivalent and with 03 years B. Sc. In Geology (Honours) or as major.</li> <li>1. Remote sensing and GIS</li> <li>2. Structural Geology</li> <li>3. Sedimentology</li> <li>4. Fuel Geology</li> <li>5. Igneous Petrology and Geochemistry</li> <li>6. Environmental Geology</li> <li>Preference may be given to candidates having experience in using computation and quantitative techniques in Geology.</li> <li>B. The Candidate must be Ph. D. with M. Tech in Environmental Engineering / Environmental Science and Technology or equivalent and with B. Tech in Civil Engineering / Biotechnology / Chemical Engineering / Environmental Engineering.</li> <li>1. Air Pollution and Control</li> <li>2. Solid Waste Management</li> </ul> |  |  |  |
| 7          | Electrical Engg. (EE)                     | <ol> <li>Electrical Machines and Drives</li> <li>Power Electronics</li> <li>Control Systems</li> <li>Measurement and instrumentation</li> <li>Power Systems</li> <li>Embedded Systems</li> <li>High Voltage Engineering</li> <li>Biomedical Engineering</li> </ol>  |  |  |  |
| 8          | Electronics & Communication<br>Engg. (EC) | <ol> <li>VLSI and Microelectronics: VLSI Design, VLSI Testing, Analog/Digital/ Mixed Signal/RF IC Design, Power management IC Design, Process/Packaging Technology, SoC Design and Testing.</li> <li>Digital System: Computer Architecture / Organization, Microprocessor and Microcontrollers, Embedded Systems, Sensor and Instrumentation.</li> <li>Communication and Networking: Optical Communications, Information/ Network Security, IoT and Data Security, Blockchain.</li> <li>Signal Processing: DSP, Speech Processing, Image Processing, Biomedical Signal Processing.</li> </ol>   |  |  |  |

| Sl.<br>No. | Department                                 | Specialization   |  |  |  |
|------------|--|--|--|--|--|
| 9          | Humanities and Social<br>Sciences (HSS)    | 1. Economics<br>2. Social Work   |  |  |  |
| 10         | Management Studies (MS)                    | <ol> <li>Systems and Operations Management</li> <li>Financial Management and</li> <li>Operation Research.</li> </ol>   |  |  |  |
| 11         | Mathematics (MA)                           | <ol> <li>Linear Algebra</li> <li>Algebra</li> <li>Statistics</li> <li>Probability</li> <li>Topology</li> <li>Functional Analysis</li> <li>Differential Geometry</li> <li>Differential Equations</li> <li>Integral Equations</li> <li>Numerical Analysis</li> <li>Number Theory</li> <li>Optimization Theory</li> </ol>   |  |  |  |
| 12         | Mechanical Engg. (ME)                      | <ol> <li>Production Engineering:         Manufacturing Engineering, Manufacturing Science and Engineering, Production Engineering, Mechatronics Engineering, Computer Aided/Integrated Manufacturing</li> <li>Machine Design:         Machine Design, Design Engineering, Machine Design Engineering, Mechanical Design, Mechanical Engineering Design, Mechanical Systems Design, CAD-CAM, Robotics, Robotics &amp; Automation, Design &amp; Production Engineering, Design &amp; Manufacturing, Mechanical System Dynamics &amp; Control, Machine Design &amp; Dynamics, Solid Mechanics and Design</li> </ol> |  |  |  |
| 13         | Metallurgical and Materials<br>Engg. (MME) | <ol> <li>Materials Modelling and Simulations</li> <li>Advanced Materials</li> <li>Mechanical Metallurgy</li> <li>Physical Metallurgy</li> <li>Electrometallurgy and Corrosion</li> <li>Manufacturing Technologies</li> <li>Materials Characterization</li> <li>Process/Extractive Metallurgy</li> </ol>  |  |  |  |
| 14         | Physics (PH)                               | <ol> <li>Condensed Matter Physics</li> <li>Particle Physics / Nuclear Physics</li> <li>Optoelectronics / Electronics</li> <li>Gravitation / Cosmology / Astrophysics</li> </ol>  |  |  |  |

# The minimum eligibility criteria are as follows:

| Department                  | Minimum Qualification required  |
|-----------------------------|---|
| Biotechnology (BT)          | B.E/B.Tech in Biotechnology (or equivalent) /M.Sc Biological Science any of           |
|                             | the specialization mentioned with PhD.  |
| Chemical Engg. (CH)         | The candidates must be B.E/B.Tech (or equivalent) in Chemical Engineering             |
|                             | with/without M.Tech (or equivalent) and Ph.D in the relevant field.                   |
| Chemistry (CY)              | The candidates must be Post Graduate in Chemistry and Ph.D. awarded in any            |
|                             | of the above areas of specialization. Candidates with Post -Doctoral                  |
|                             | experience will be given preference.  |
| Civil Engg. (CE)            | The candidates must be B.E/B.Tech (or equivalent) in respective discipline            |
|                             | with/without M.Tech(or equivalent) and Ph.D awarded in any of the above               |
|                             | areas of specialization.  |
| Computer Science and        | B.E/B.Tech in Computer Science & Engineering (or equivalent) or Electronics           |
| Engg. (CS)                  | (with specialization in Comp. Sc. & Engg.) with PhD.                                  |
| Earth and Environmental     | A. The candidates must be Ph. D. with M. Sc/M. Sc. (Tech)/ MS in Geology/             |
| Studies (ES)                | Applied Geology or equivalent and with 03 years B. Sc. In Geology (Honours)           |
| ( -)                        | or as major.  |
|                             | B. The Candidate must be Ph. D. with M. Tech in Environmental Engineering             |
|                             | / Environmental Science and Technology or equivalent and with B. Tech in              |
|                             | Civil Engineering / Biotechnology / Chemical Engineering / Environmental              |
|                             | Engineering.  |
| Electrical Engg. (EE)       | The candidates must be B.E/B.Tech (or equivalent) in respective discipline            |
|                             | with/without M.Tech(or equivalent) and Ph.D awarded in any of the above               |
|                             | areas of specialization.  |
| Electronics & Communication | <b>A.</b> For all positions:  |
| Engg. (EC)                  | Dh.D. in any of the areas of anciclization and preceded by any one of the             |
|                             | Ph.D. in any of the areas of specialization and preceded by any one of the following: |
|                             | B.E. /B. Tech in Electronics & Communication Engg. Or B.E./B. Tech in                 |
|                             | Equivalent discipline   |
|                             | OR  |
|                             | B.E. /B. Tech in Electronics & Communication Engg. Or B.E. /B. Tech in                |
|                             | equivalent discipline with M.E./ M. Tech.   |
|                             | OR  |
|                             | M. Sc. In Electronics & Communication followed by M.E. / M. Tech in the               |
|                             | specialization area.  |
|                             | AND   |
|                             | <b>B.</b> Additional Eligibility Criteria:  |
|                             |   |
|                             | i) For Professor (Level-14A): The aspirants must have experience of                   |
|                             | supervising a minimum of 03 Ph. D. students (completed/thesis defended.)              |
|                             | ii) For Associate Professor (Level-13A2): The aspirants must have                     |
|                             | experience of supervising a minimum of 01 Ph. D. student                              |
|                             | (completed/thesis defended.)  |
|                             | iii) For Assistant Professor Grade-I, (Level-12): The aspirants must have             |
|                             | experience of supervising a minimum of 01 Ph. D. student                              |
|                             | (ongoing/completed/thesis defended.)  |
|                             | iv) For Assistant Professor Grade-II, (Level-10 and Level-11): NIL                    |
|                             |   |
| Humanities and Social       | The candidate must have Post Graduate Degree in Economics/Social Work                 |
| Sciences (HSS)              | with Ph.D.  |

| Management Studies (MS)     | The candidate must have MBA with Ph.D awarded in any of the above areas of specialization |  |
|-----------------------------|---|--|
| Mathematics (MA)            | M.Sc in Mathematics / Statistic or relevant field with PhD.                               |  |
| Mechanical Engg. (ME)       | The candidate must be B.E/B. Tech in Mechanical Engineering with/without                  |  |
|                             | M. Tech/ M.E or equivalent and Ph.D. with primary focus and/ or majorly                   |  |
|                             | related to the above-mentioned area of specialization.                                    |  |
| Metallurgical and Materials | B.E. / B. Tech in Metallurgical & Materials Engineering/Materials Science and             |  |
| Engg. (MME)                 | Engineering   |  |
|                             | And   |  |
|                             | Ph.D. in Engineering with or without M.E./M. Tech in relevant discipline.                 |  |
| Physics (PH)                | The candidates must be Post Graduate in Physics and Ph.D. awarded in any                  |  |
|                             | of the areas of specialization. Candidates with Post-Doctoral experience will             |  |
|                             | be given preference.  |  |



# राष्ट्रीय प्रौद्योगिकी संस्थान, दुर्गापुर

#### NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE, DURGAPUR-713209 West Bengal, INDIA, <u>www.nitdgp.ac.in</u>

(An Autonomous Institution of the Govt. of India under Ministry of Education (Shiksha Mantralaya)

**Advertisement for Faculty Positions** 

Self-attested photograph

| Ad  | dvertisement                         | No.:                            |            |                                    |                | Date:<br>able to b |                    |                  |     |
|-----|--------------------------------------|---------------------------------|------------|------------------------------------|----------------|--------------------|--------------------|------------------|-----|
| Po  | st Applied for                       | and Level                       |            |                                    |                |                    | Leve               | 1                |     |
| De  | partment                             |                                 |            |                                    |                |                    | Amo                | unt              |     |
| Sp  | ecialization                         |                                 |            |                                    |                |                    | Nam<br>bank        | e of issui       | ng  |
| 1.  | Name in full                         | (in capital letters)            | )          |                                    |                |                    |                    |                  |     |
| 2.  | Father's Na                          | me                              |            |                                    |                |                    |                    |                  |     |
| 3.  | Mother's Na                          | me                              |            |                                    |                |                    |                    |                  |     |
| 4.  | Date of birth                        | 1                               |            |                                    |                |                    |                    |                  |     |
|     | Age on 31.03                         | 3.2023.                         |            |                                    | Year           |                    | Month              |                  | Day |
| 5.  | a) Marital St                        | atus : Married/Sir              | igle       | b) Gender : Male / Female/Others : |                |                    |                    |                  |     |
| 6.  | a) Permaner                          | nt address:                     |            | b) Corre                           | espond         | ence Ad            | dress:             |                  |     |
|     | Phone (with STD)/ Mobile             | No.                             |            | E-mail                             |                |                    |                    |                  |     |
| 7.  | Nationality                          |                                 |            |                                    | •              |                    |                    |                  |     |
|     | Category und reservation/r           | er which you are s<br>elaxation | seeking    | SC/ST/OBC/PWD/EWS                  |                |                    |                    |                  |     |
|     |                                      | of Educational Qu               |            |                                    | tricula        |                    |                    |                  |     |
| Exa | Exam. Passed Specialization Board/Ur |                                 | niversity  |                                    | Passin<br>Year | _                  | Class/<br>Division | % of marks/ CGPA |     |
|     |                                      |                                 |            |                                    |                |                    |                    |                  |     |
|     |                                      |                                 |            |                                    |                |                    |                    |                  |     |
|     |                                      | Doggood was aution t            | h a diatia |                                    |                | 1                  |                    |                  |     |

<sup>\*</sup> For PhD Degree mention the duration/period.

| (a) Tea | ching: To                    | otal        |           | Post Phi | D  |          |                      |
|---------|------------------------------|-------------|-----------|----------|----|----------|----------------------|
| SI. No. | Name and address of employer | Designation | Pay-scale | From     | То | Duration | Type of organization |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |
|         |                              |             |           |          |    |          |                      |

**Details of employments:** 

- **11. Other information** (Experiments/Computational projects added to teaching laboratories/Courses offered through application of ICT/E-learning packages prepared):
- **12. Research Activities:** (Specify total Number and attach list of publication in each category as per format given):
- (a) Paper publications in National / International Journals: (Attach photocopy of first page):

| Sl. No. | Title of paper | Author(s) | Name of the Journal | Vol. & Year | Pages |
|---------|----------------|-----------|---------------------|-------------|-------|
|         |                |           |                     |             |       |
|         |                |           |                     |             |       |
|         |                |           |                     |             |       |
|         |                |           |                     |             |       |
|         |                |           |                     |             |       |
|         |                |           |                     |             |       |

# (b) Papers publication in National/International Conferences (Attach photocopy of first page)

| Sl. No. | Title of paper | Co-author(s), if any | Name of the Conference | Date |
|---------|----------------|----------------------|------------------------|------|
|         |                |                      |                        |      |
|         |                |                      |                        |      |
|         |                |                      |                        |      |
|         |                |                      |                        |      |
|         |                |                      |                        |      |
|         |                |                      |                        |      |

# (c) Number of UG and PG students guided / Ongoing:

| UG     |         | PG     |         |  |
|--------|---------|--------|---------|--|
| Guided | Ongoing | Guided | Ongoing |  |
|        |         |        |         |  |
|        |         |        |         |  |
|        |         |        |         |  |
|        |         |        |         |  |
|        |         |        |         |  |
|        |         |        |         |  |
|        |         |        |         |  |

# (d) Details of Ph.D. Students (Guided and Ongoing):

| Sl. No | Name of Student | Year | Title of the Dissertation | Status (Completed /Ongoing) |
|--------|-----------------|------|---------------------------|-----------------------------|
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |
|        |                 |      |                           |                             |

| 13. DUUKS/WUUNUGIADIIS/DUUK CHADLEIS WIILLE | ks/Monographs/Book chapters | written |
|---|-----------------------------|---------|
|---|-----------------------------|---------|

| Sl. No. | Name of book/monograph/<br>Book chapters | Name of Co-<br>author, if any | Year of<br>Publication | Publisher with address |
|---------|--|-------------------------------|------------------------|------------------------|
|         |  |                               |                        |                        |
|         |  |                               |                        |                        |
|         |  |                               |                        |                        |
|         |  |                               |                        |                        |
|         |  |                               |                        |                        |

# 14. Seminars/Short Term Courses/Summer Schools/ Winter Schools organized:

| Sl. No. | From | То | Name of the course | Sponsored/ Self financed | Number of Participants |
|---------|------|----|--------------------|--------------------------|------------------------|
|         |      |    |                    |                          |                        |
|         |      |    |                    |                          |                        |
|         |      |    |                    |                          |                        |

# 15. Seminars/ Short Term Courses/ Summer Schools/ winter attend, if any

| Sl. No. | From | То | Institute/Industry | Sponsored by | Name of the course |
|---------|------|----|--------------------|--------------|--------------------|
|         |      |    |                    |              |                    |
|         |      |    |                    |              |                    |
|         |      |    |                    |              |                    |
|         |      |    |                    |              |                    |
|         |      |    |                    |              |                    |

# 16. Research Projects / Sponsored project/ Consultancy activities:

| Sponsoring Agency | Title of the Project | Period | Amount | Status (Completed/<br>ongoing) |
|-------------------|----------------------|--------|--------|--------------------------------|
|                   |                      |        |        |                                |
|                   |                      |        |        |                                |

# 17. Membership of Professional Bodies:

| Sl. No. | Name of Professional Bodies | Membership no. with validity |
|---------|-----------------------------|------------------------------|
|         |                             |                              |
|         |                             |                              |
|         |                             |                              |

| 18. Administrative, | / Institute Sup | port work: |
|---------------------|-----------------|------------|
|---------------------|-----------------|------------|

| Sl. No. | Section/office/Institute<br>level committee | From | То | Position held | Responsibilities |
|---------|---|------|----|---------------|------------------|
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |
|         |   |      |    |               |                  |

19. Any other relevant information: (Add Separate sheet if require)

# 20. Name and address of two References:

| 1 <sup>st</sup> Referee | 2 <sup>nd</sup> Referee | 2 <sup>nd</sup> Referee |  |  |
|-------------------------|-------------------------|-------------------------|--|--|
| Name                    | Name                    |                         |  |  |
| Position                | Position                |                         |  |  |
| Address                 | Address                 |                         |  |  |
| E-Mail                  | E-Mail                  |                         |  |  |
| Phone No.               | Phone No.               |                         |  |  |
| E-Mail Address          | E-Mail Address          |                         |  |  |

| 21. Did you previously apply for any post in this Institute? If yes, give particulars:   |                        |  |  |  |  |
|--|------------------------|--|--|--|--|
| DECLARATION  | <u>l</u>               |  |  |  |  |
| "I hereby declare that the statements made by me in the above form are true, complete and correct to best of my knowledge and belief." |                        |  |  |  |  |
| Place:   | Signature of Applicant |  |  |  |  |
| Date:  | Name:                  |  |  |  |  |

| Certified that Mr/MsSon/Daughter of Shri   |
|--|
| is a permanent/temporary/ad-hoc employee of the department/institution                                   |
| /organization since The Department/Institution/organization has no objection if                          |
| he/she is appointed in National Institute of Technology Durgapur against the posts advertised by the NIT |
| Durgapur vide advertisement No   |
| Place:Date:  |
|  |
|  |
| Signature & Seal of forwarding Authority   |

NO OBJECTION CERTIFICATE TO BE FURNISHED BY THE CANDIDATE WHO IS ALREADY IN

EMPLOYMENT, REGULAR/TEMPORARY BASIS.



# राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

# MAHATMA GANDHI AVENUE, DURGAPUR-713209

Selfattested photograph

#### **DATA SHEET**

(To be filled by the candidate)

| Post Applied: |   |                     | Name of Post |                       | Level        |                    |                 |      |  |
|---------------|---|---------------------|--------------|-----------------------|--------------|--------------------|-----------------|------|--|
|               |   |                     |              |                       |              |                    |                 |      |  |
| Depa          | artment:  |                     |              |                       |              |                    |                 |      |  |
| Spec          | ialization:   |                     |              |                       |              |                    |                 |      |  |
| (A) I         | BASIC DATA  |                     |              |                       |              |                    |                 |      |  |
| 1             | Name and Address  | s with e            | mail id      |                       |              |                    |                 |      |  |
| 2.            | Date of Birth and Age (as on 31-03-2023)                  |                     |              |                       |              |                    |                 |      |  |
| 3.            | Category (SC/ST/EWS):                                     | OBC/P               | WD/          | Gender: Male,         | /Female/Othe | ers:               |                 |      |  |
|               | Educational Qualif  | fications           | s:           |                       |              |                    |                 |      |  |
| 4.            | Exam/Degree   | Specialization      |              | College/<br>Institute | University   | % of<br>Marks/CGPA | Class/<br>Grade | Year |  |
|               | Class X   |                     |              |                       |              |                    |                 |      |  |
|               | Class XII   |                     |              |                       |              |                    |                 |      |  |
|               | UG  |                     |              |                       |              |                    |                 |      |  |
|               | PG  |                     |              |                       |              |                    |                 |      |  |
|               | Ph.D.   |                     |              |                       |              |                    |                 |      |  |
|               | Others  |                     |              |                       |              |                    |                 |      |  |
| 5.            | Period spent on acc                                       | quiring             | Ph. D        |                       |              |                    |                 |      |  |
| 6.            | Post- Doctoral Spe  | cializati           | on           |                       |              |                    |                 |      |  |
|               | (a) Present Position                                      | n, with I           | PB           |                       |              |                    |                 |      |  |
| 7.            | (b) Date of entry in position                             | ito prese           | ent          |                       |              |                    |                 |      |  |
|               | Total Experience  |                     |              | Years:                |              | Post Ph.D.:        |                 |      |  |
| o             | Teaching Experien   | ce                  |              | Years:                |              | Post Ph.D.:        |                 |      |  |
| 8.            | Research Experien   | Research Experience |              |                       | Years:       |                    | Post Ph.D.:     |      |  |
|               | Industrial Experience                                     |                     | Years:       |                       | Post Ph.D.:  |                    |                 |      |  |
| 9             | Number of years o<br>experience outside<br>Ph.Ds of NITD) |                     |              |                       |              |                    |                 |      |  |

|       | Publication details                   | International            | National        |
|-------|---------------------------------------|--------------------------|-----------------|
| 10    | Papers in SCI/Scopus indexed Journals |                          |                 |
|       | Conference Proceedings                |                          |                 |
| 11    | No. of Thesis guided                  | UG:                      | PG:             |
| 12    | No. of Ph.D. thesis                   | Completed: Submitted     | : Ongoing:      |
| 13    | No. Books/chapters authored           | Books:                   | Book Chapters:  |
| 14    | No. of patents                        | Granted:                 | Filed:          |
| 15    | D & D Duciosto / Consultan arricha    | No. of R&D Projects:     | Total Amount:   |
| 15    | R & D Projects/Consultancy jobs       | No. of consultancy jobs: | Total Amount:   |
| 16    | Fellowship in Professional body       |                          |                 |
| 17    | No. of awards/distinction, if any     |                          |                 |
| 18    | Cumulative Credit points              |                          |                 |
| 19    | Any other relevant information        |                          |                 |
| Place | 2:                                    |                          |                 |
| Date  | :                                     | Signatu                  | re of Applicant |

| Γ       | F 044               |             |
|---------|---------------------|-------------|
|         | For Office use only |             |
|         |                     |             |
|         |                     |             |
| Checked |                     | Scrutinized |

# (B) DATA FOR EVALUATION OF CREDIT POINT. (Attach relevant supporting documents)

| Post Applied:   | Name of Post | Level |
|-----------------|--------------|-------|
|                 |              |       |
| Department:     |              |       |
| Specialization: |              |       |

# (1). Externally sponsored R & D projects completed or ongoing / Patent granted:

| Sl. | Name of the project along with the name(s) of  | Duration |        | Amount   | Credits |  |
|-----|--|----------|--------|----------|---------|--|
| No. | all the investigators/Patent granted with name | Starting | Ending | in Lakhs |         |  |
|     | of inventor(s)                                 | Month    | Month  |          |         |  |
|     |  | & Year   | & Year |          |         |  |
|     |  |          |        |          |         |  |
| 1   |  |          |        |          |         |  |
|     |  |          |        |          |         |  |
| 2   |  |          |        |          |         |  |
|     | Total Credit points                            |          |        |          |         |  |

# (2). Consultancy projects:

| Sl. No.             | Name of the work and the year | Agency | Name of the persons involved | Consultancy<br>amount in<br>Lakhs (INR) | Credits |
|---------------------|-------------------------------|--------|------------------------------|---|---------|
| 1                   |                               |        |                              |   |         |
| 2                   |                               |        |                              |   |         |
| Total Credit points |                               |        |                              |   |         |

# (3). Ph.D. Guidance (Completed including thesis submitted):

| Sl. No. | Title of the Thesis | Name of supervisors | Date of award/ | Credits |  |  |
|---------|---------------------|---------------------|----------------|---------|--|--|
|         |                     |                     | Submission/    |         |  |  |
|         |                     |                     | Viva voce      |         |  |  |
| 1       |                     |                     |                |         |  |  |
| 2       |                     |                     |                |         |  |  |
|         | Total Credit points |                     |                |         |  |  |

# (4). Paper Publications in SCI/Scopus indexed Journals:

| Sl.                 | Name of the | Title of the paper | Author (s) | National/     | Credits |
|---------------------|-------------|--------------------|------------|---------------|---------|
| No.                 | Journal     | with Months & Date | Name       | International |         |
| 1                   |             |                    |            |               |         |
| 2                   |             |                    |            |               |         |
| Total Credit points |             |                    |            |               |         |

# (5). <u>Paper Publications in Conferences (Internationally renowned conference) (Since the last promotion):</u>

| Sl. No.             | Name of the | Title of the paper with | Author (s) | National/     | Credits |
|---------------------|-------------|-------------------------|------------|---------------|---------|
|                     | Conference  | Months & Date           | Name       | International |         |
| 1                   |             |                         |            |               |         |
| 2                   |             |                         |            |               |         |
| Total Credit points |             |                         |            |               |         |

### (6). Administrative Responsibilities Entrusted (Since the last promotion):

(HOD, Dean, Chief Warden, Professor in-charge of T & P, Advisor (Estate), CVO, PI (Exam), TEQIP (Coordinator):

| Sl.                 | Details of Responsibility | Authority           | Duration |        |         |
|---------------------|---------------------------|---------------------|----------|--------|---------|
| No.                 | Entrusted                 | Department/College  | Starting | Ending | Credits |
| 110.                | Entrusted                 | Department/ College | Date     | Date   |         |
| 1                   |                           |                     |          |        |         |
| 2                   |                           |                     |          |        |         |
| Total Credit points |                           |                     |          |        |         |

#### (7). Administrative Responsibilities Entrusted (Since the last promotion):

(Warden, Assistant warden, Associate Dean, Chairman/Convener Institute Academic Committees, In-charge Computer centre/IT Services/library/Admission/student activities and other Institutional activities):

| Sl. | Details of Responsibility | Authority          | Duration |        | Credits |
|-----|---------------------------|--------------------|----------|--------|---------|
| No. | Entrusted                 | Department/College | Starting | Ending |         |
|     |                           |                    | Date     | Date   |         |
| 1   |                           |                    |          |        |         |
| 2   |                           |                    |          |        |         |
|     | Total Credit points       |                    |          |        |         |

#### (8). Administrative Responsibilities Entrusted (Since the last promotion):

(Chairman and convener of different standing committee and special committee (ex officio status will not be considered), faculty in-charges (Each for one-year duration) of different units or equivalent):

| C1   | Sl. Details of Responsibility | Authority          | Duration |        |         |
|------|-------------------------------|--------------------|----------|--------|---------|
| No.  | Entrusted                     | ]                  | Starting | Ending | Credits |
| 110. | Entrusteu                     | Department/College | Date     | Date   |         |
| 1    |                               |                    |          |        |         |
| 2    |                               |                    |          |        |         |
|      | Total Credit points           |                    |          |        |         |

#### (9). Administrative Responsibilities Entrusted (Since the last promotion):

(Departmental activities identified by HOD like lab. In-charges, or department level committee for a minimum period of one year):

| C1                  | Sl. Details of Responsibility | Authority          | Duration          |        |         |  |
|---------------------|-------------------------------|--------------------|-------------------|--------|---------|--|
| No.                 | Entrusted                     | Department/College | Starting          | Ending | Credits |  |
| 110.                | Entrusted                     | Department/ Conege | Department/Conege | Date   | Date    |  |
| 1                   |                               |                    |                   |        |         |  |
| 2                   |                               |                    |                   |        |         |  |
| Total Credit points |                               |                    |                   |        |         |  |

# (10) <u>Conduct of Workshops/FDP/Short term courses of minimum 05 working days duration offered as coordinator or convener (Since the last promotion):</u>

| Sl. No. | Title of the Course | Duration      |             | Co-ordinator (s) | Credits |  |
|---------|---------------------|---------------|-------------|------------------|---------|--|
|         |                     | Starting Date | Ending date |                  |         |  |
| 1       |                     |               |             |                  |         |  |
|         |                     |               |             |                  |         |  |
| 2       |                     |               |             |                  |         |  |
|         |                     |               |             |                  |         |  |
|         | Total Credit points |               |             |                  |         |  |

#### (11) Conduct of national programmes like GIAN etc. as course coordinator (Since the last promotion):

| Sl. No.             | Title of the Course | Duration      |             | Co-ordinator (s) | Credits |
|---------------------|---------------------|---------------|-------------|------------------|---------|
|                     |                     | Starting Date | Ending date |                  |         |
| 1                   |                     |               |             |                  |         |
| _                   |                     |               |             |                  |         |
| 2                   |                     |               |             |                  |         |
|                     |                     |               |             |                  |         |
| Total Credit points |                     |               |             |                  |         |

#### (12) Conduct of National /International conference as chairman or secretary (Since the last promotion):

| Sl. No. | Title of the Conference | Dura          | tion        | Chairman/ | Credits |  |
|---------|-------------------------|---------------|-------------|-----------|---------|--|
|         | Title of the Conference | Starting Date | Ending date | Secretary |         |  |
| 1       |                         |               |             |           |         |  |
|         |                         |               |             |           |         |  |
| 2       |                         |               |             |           |         |  |
|         |                         |               |             |           |         |  |
|         | Total Credit points     |               |             |           |         |  |

# (13) <u>Length of service over and above the relevant minimum teaching experience required for the given cadre (Since the last promotion):</u>

| Sl. No | Years of service over and above the relevant minimum teaching experience required for the given cadre | Credits |
|--------|---|---------|
| 1      |   |         |
|        |   |         |

#### (14) Establishment of new Labs. (Since the last promotion):

| 1                   |  |  |  |  |
|---------------------|--|--|--|--|
| 2                   |  |  |  |  |
| Total Credit points |  |  |  |  |

#### (15) Details of Theory Courses taught (over and above 6 credits hrs.) (Since the last promotion):

| Sl. No. | Name of Course      | No. of hrs. / week with credit | Credits |  |  |
|---------|---------------------|--------------------------------|---------|--|--|
| 1       |                     |                                |         |  |  |
| 2       |                     |                                |         |  |  |
|         | Total Credit points |                                |         |  |  |

#### (16). PG Dissertation Guide (Since the last promotion):

| Sl. No.             | Title of the Project | Name of supervisors | Date of award/Submission | Credits |
|---------------------|----------------------|---------------------|--------------------------|---------|
| 1                   |                      |                     |                          |         |
| 2                   |                      |                     |                          |         |
| Total Credit points |                      |                     |                          |         |

# (17). UG Projects guided (Since the last promotion):

| Sl. No.             | Title of the Project | Name of supervisors | Date of    | Credits |
|---------------------|----------------------|---------------------|------------|---------|
|                     |                      |                     | award/     |         |
|                     |                      |                     | Submission |         |
| 1                   |                      |                     |            |         |
| 2                   |                      |                     |            |         |
| Total Credit points |                      |                     |            |         |

#### (18). Text/ Reference book published from reputed international publishers (Since the last promotion):

| Sl.<br>No. | Title of the Text/Reference book | Publishers | Year | Credits |  |
|------------|----------------------------------|------------|------|---------|--|
| 1          |                                  |            |      |         |  |
| 2          |                                  |            |      |         |  |
|            | Total Credit points              |            |      |         |  |

# (19). <u>Text/ Reference book published from reputed national publishers or book chapters in the books</u> published by reputed international publishers (Since the last promotion):

| Sl. No.             | Title of the Text/Reference book | Publishers | Year | Credits |  |
|---------------------|----------------------------------|------------|------|---------|--|
| 1                   |                                  |            |      |         |  |
| 2                   |                                  |            |      |         |  |
| Total Credit points |                                  |            |      |         |  |

| (20). Details of significant outreach activities (Since the last promotion |
|--|
|--|

| Sl.<br>No.          | Activities | Year | Credits |
|---------------------|------------|------|---------|
| 1                   |            |      |         |
| 2                   |            |      |         |
| Total Credit points |            |      |         |

#### (21). Fellowships of IEEE, FNA, FNAE, FNASc:

| Sl. No.             | Professional Society | Year | Credits |
|---------------------|----------------------|------|---------|
| 1                   |                      |      |         |
| 2                   |                      |      |         |
| Total Credit points |                      |      |         |

# (22). <u>Placement percentage</u> (only for the placement cell officers/faculty in-charge of placement (Since the last promotion):

| Sl. No.             | Year | Percentage of placement(% to be based on total number of students passing out and single job offer) | Credits |
|---------------------|------|---|---------|
| 1                   |      |   |         |
| 2                   |      |   |         |
| Total Credit points |      |   |         |

- (C). i. Self-Assessment Score of the applicant (Cumulative Credits Points (1) to (22)):
  - ii. Carried over **exhaustible** credit points as per the recommendation of the Oversight Committee dated 16.04.2019. (must be detailed and self-attested in a separate sheet and supported by relevant documents):
  - iii. Total self-assessed credit points (i +ii):

Place & Date

Signature of applicant

| F           | or Office use only |
|-------------|--------------------|
|             |                    |
|             |                    |
| Checked by: | Scrutinized by:    |