



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

Advt. No.: NITD/AR/PhD/2022-23/Odd Sem.

Date: 23.06.2022

Admission to Various Regular and Professional Ph.D Programs (Odd Semester/2022-23) (As per the Ph.D Regulations of NIT Durgapur)

Applications are invited from eligible candidates for Admission to PhD programs, Odd Semester, 2022-23 under the following categories:

CATEGORY-A. Regular Research Scholar with Institute Fellowship: Vacancies of Different Departments:

Vacancy of Regular Research Scholar with Institute Fellowship (Category-wise)												
Sl. No.	Department	OP	OP-PWD	EWS	EWS-PWD	OBC - NCL	OBC-NCL-PWD	SC	SC-PWD	ST	ST-PWD	Total
1	Biotechnology (BT)	3	0	1	0	2	0	1	0	1	0	8
2	Civil Engineering (CE)	2	0	1	0	1	1	1	0	1	0	7
3	Chemical Engineering (CH)	2	0	1	0	2	0	1	0	0	1	7
4	Computer Science & Engineering (CS)	6	1	1	0	4	0	2	0	1	0	15
5	Chemistry (CY)	3	0	1	0	1	0	1	0	0	0	6
6	Electronics & Communication Engineering (EC)	2	0	1	0	2	0	1	0	1	0	7
7	Electrical Engineering (EE)	4	0	1	0	2	0	1	0	1	0	9
8	Earth and Environmental Studies (ES)	1	0	0	0	0	0	0	0	1	0	2
9	Humanities & Social Sciences (HS)	1	0	0	0	1	0	0	1	0	0	3
10	Mathematics (MA)	2	0	1	0	2	0	1	0	0	0	6
11	Mechanical Engineering (ME)	5	0	1	0	3	0	2	0	1	0	12
12	Metallurgical & Materials Engineering (MM)	3	0	1	0	1	1	1	0	0	0	7
13	Management Studies (MS)	2	0	0	0	2	0	1	0	0	0	5
14	Physics (PH)	3	0	0	0	2	0	1	0	0	0	6

CATEGORY-B : Regular Research Scholar with Financial Support from the Government Programs (sponsored by DST, CSIR, UGC etc.)

Candidates seeking admission to PhD program having their fellowship from various government organisations such as CSIR, UGC, DBT, DST-INSPIRE, etc. (No Objection Certificate from the proposed Supervisor in the given format is to be submitted mandatorily during the application and admission process).

CATEGORY-C : Regular Research Scholar Selected in Externally Funded Sponsored Projects in the Institute (No Objection Certificate from the Principal Investigator/Proposed Supervisor, indicating the duration for which the fellowship is available in the given format is to be submitted mandatorily during the application and admission process).

CATEGORY-D : Regular Research Scholar under QIP/EFIP Scheme (Not Applicable).

CATEGORY-E. Regular Foreign Research Scholar Admitted through Government of India (Not Applicable).

CATEGORY-F : Professional Research Scholar from the Institute (NIT Durgapur Faculty / Staff): (No Objection Certificate must be submitted from the Head of the Institute during the application and admission process).

CATEGORY-G : Regular Sponsored Research Scholar from Government/ Semi-Government/ other Highly Reputed Organizations/Academic or Research Institutions (No Objection Certificate /Sponsorship Certificate in the given format is to be submitted mandatorily during the application and admission process).

CATEGORY-H: Professional Sponsored Research Scholar from Reputed Industries (Industry Research Program): (No-objection certificate or Sponsorship certificate from the employer in the given format is to be submitted mandatorily during the application and admission process).

CATEGORY-I : Professional Research Scholar from Academic/ Research Institutions (No Objection Certificate from the Head of the Institute in the given format is to be submitted mandatorily during the application and admission process).



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CATEGORY-J : Professional Sponsored Research Scholar under Government of India Schemes like TEQIP etc. (Will be guided by TEQIP norms).

NOT APPLICABLE

Category-K. : Regular Research Scholar without Institute Fellowship (Self-sponsored)

(Research Scholars under category K will pursue PhD programme at the Institute on full time basis without getting financial assistance from NIT Durgapur or any other funding agency.)

Availability of Seats under Various Categories of Regular and Professional Research Scholars (Category- B, C, F, G, H, I, J, and K) other than 'A' in Different Departments & Centres are given below:								
Departments	B	C	F	G	H	I	J	K
Biotechnology (BT)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Civil Engineering (CE)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Chemical Engineering (CH)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Computer Science& Engineering (CS)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Chemistry (CY)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Electronics & Communication Engineering (EC)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Electrical Engineering (EE)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Earth and Environmental Studies (ES)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Humanities & Social Sciences (HS)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Mathematics (MA)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Mechanical Engineering (ME)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Metallurgical & Materials Engineering (MM)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Management Studies (MS)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Physics (PH)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Centres								
Centre for Research on Environment and Water (CREW)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Centre for Biomedical Engineering & Assistive Technology (BEAT)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Centre for Advanced Research on Energy (CARE)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes
Centre of Excellence on IoT and Intelligent Systems (IoTIS)	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes

NA: Not applicable



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Minimum Eligibility Criteria for Admission to PhD Program (Odd Sem./ 2022-23)

<i>Qualifying Degree*</i> (for relevant discipline)	<i>General/ OBC</i>	<i>SC / ST</i>	<i>Academic and other Qualifications</i>
M. Tech./ M.E./ M. Arch/ M. Pharm / M. S. / MBA/ PGDBM/ PGDM	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks	<p>Category A: B. Tech/ B.E./ B. Arch/ B. Pharm / Equivalent with valid GATE. M. Tech./ M.E./ M. Arch/ M. Pharm degrees with or without GATE qualification. Other Post Graduate or Graduate degrees (as listed) with any relevant NET qualification.</p> <p>List of NETs: CSIR, UGC, GATE, GPAT, DBT-JRF, JEST, ICMR, ICAR, NBHM, Bioinformatics National Certification Examination etc. However, these NET qualifications will have to be relevant to the qualifying degree of the candidate concerned. (OM No. SB/S9/2-01/2015 dated 07.01.2015)</p> <p>Categories B, C, D and E: As per the terms and conditions of the funding or sponsoring agency.</p> <p>Categories F, G, H, I, J, and K: Same as category A, but GATE/NET qualification is not mandatory.</p>
M. Sc./ M. Com./ MBBS/ BDS	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks	
MA	6.0 CGPA or 55% marks	5.5 CGPA or 50% marks	
MCA	7.5 CGPA or 70% marks	7.0 CGPA or 65% marks	
B. Tech/ B.E./ B. Arch/ B. Pharm / Equivalent	7.5 CGPA or 70% marks	7.0 CGPA or 65% marks	
CA/ ICWAI/ CS with a graduation degree	6.0 CGPA or 55% marks	5.5 CGPA or 50% marks	

*All the degrees must be from an Institute/University recognized by UGC/AICTE/MoE, Govt. of India.

The eligibility criteria as given above is the minimum requirement only. Good academic career and higher qualification will be preferred. However, satisfying the mere eligibility shall not ensure a call for admission test and/or viva voce.

Candidates need to mention CGPA alongwith the Percentage of marks as awarded by their University/Institute only. In case of unavailability of Percentage of marks, NIT Durgapur norms for conversion of CGPA to the Percentage of marks will be applicable.

Relevant Academic Qualification Details of Various Departments are Listed Below:

Department	Details of Relevant Disciplines (ODD SEM / 2022-23)
Biotechnology (BT)	B. Tech. /M. Tech/ MS/ M. Sc/B. Pharm./ M. Pharm./MBBS/BDS or equivalent degree in relevant discipline.
Civil Engineering (CE)	(i) B. Tech./B.E. or equivalent in Civil Engineering /Construction Engineering /Earthquake Engineering /Structural Engineering /Aerospace Engineering OR in any branch of Engineering that may be considered for research areas consistent with Civil /allied Engineering, WITH OR WITHOUT M.E./M. Tech./ M.S. in the relevant discipline. (ii) 5 year Integrated/ dual degree M. Tech. in Civil Engineering /Construction Engineering /Earthquake Engineering / Structural Engineering /Aerospace Engineering.



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Chemical Engineering (CH)	<p>Category A</p> <p>(i) B. E. /B. Tech. in Chemical Engineering/ Chemical Technology/ Mechanical Engineering/ Metallurgical/ Metallurgical and Materials Engineering/ Civil Engineering/ Bio technology/Polymer Technology</p> <p>(ii) B.E. / B. Tech. in Chemical Engineering/ Chemical Technology/ Mechanical Engineering/ Metallurgical/ Metallurgical and Materials Engineering/ Civil Engineering/ Bio technology/Polymer Technology with M.E./M. Tech./M.S. in any relevant discipline.</p> <p>(iii) 5 year Integrated/ dual degree M. Tech. in Chemical Engineering.</p> <p>(iv) M. Sc. in Chemistry/Physics/Mathematics /Environmental Sc. or Engg. (with Maths in HS or 10+2 level)</p> <p>The candidate must have completed the academic program(s) in normal duration with no repeat of years.</p> <p>Categories B to J: (Any of the following)</p> <p>(i) B. E./ B. Tech. or equivalent in Chemical Engineering or in any relevant discipline.</p> <p>(ii) M.E./ M. Tech. or equivalent in Chemical Engineering or in any relevant discipline.</p> <p>(iii) 5 year Integrated /dual degree M. Tech. in Chemical Engineering or any relevant discipline.</p> <p>(iv) M. Sc. in any relevant discipline.</p>
Computer Science & Engineering (CS)	<p>(i) UG Programme in Engg. /Tech. in CSE/IT/ECE/EE GATE (Qualified/valid Score) in CS only</p> <p>Or</p> <p>(ii) Two Year PG programme in Engg. /Tech in CSE/IT/ECE/EE,</p> <p>Or</p> <p>MCA/MSc.(Comp.Sc.) with relevant NET qualification (in JRF) /GATE (Qualified/valid Score) in CS only.</p>
Chemistry (CY)	<p>M.Sc. or M. Tech. in Chemistry/Applied Chemistry/ Engineering Chemistry/Chemical Science or Technology / Engineering/ Biochemistry/ Biological science/ Environmental Science or Technology / Engineering/ Material Science or Technology / Engineering (plastics, polymer, corrosion, nanotechnology, Biotechnology and related areas).</p> <p>In addition, chemistry should be one of the subjects at UG levels.</p>
Electronics & Communication Engineering (EC)	<p>Four year undergraduate programme in Engg. or Tech. in ECE/ EE/ CSE/ IT/ EI or an allied area</p> <p>Or</p> <p>M. Sc. (Physics) with specialization in Electronics/ Radio Physics and Electronics/ Material Science.</p> <p>Or</p> <p>M. Sc. (Electronics Science)/ M.Sc. (Electronics)</p> <p>Or</p> <p>Two year post graduate programme in Engineering/ Technology in ECE/ EE/ CSE/I T/ EI or an allied area.</p> <p>Or</p> <p>Integrated post graduate programme in Engg. or Technology in ECE/ EE / CSE /IT/EI.</p>
Electrical Engineering (EE)	<p>(i). B.E. / B. Tech. or Equivalent Degree in-</p> <p>(a) Electrical Engineering (EE), (b) Electrical & Electronics Engineering (EEE), (c) Electronics Engineering, /Electronics and Communication/Telecommunication Engineering (ECE), (d) Computer Science Engineering (CSE),(e) Electrical, Electronics & Computer Science Engineering (EECS), (f) Applied Electronics and Instrumentation Engineering (AEIE/EIE), (g) Instrumentation Engineering (IE), (h) Instrumentation and Control Engineering (ICE).</p> <p>And</p> <p>(ii). M. E. / M. Tech./ M. S. or any equivalent post graduate degree in the relevant disciplines with indicative broad area of research available:</p> <p>(a) Power System, (b)Electrical Machines, (c) Power Electronics, (d) Power Electronics & Machine Drives, (e) High Voltage Engg., (f) Control System, (g) Instrumentation/ Measurement, (h) Instrumentation & Control, (i) Bio-Medical Instrumentation, (j) Energy Systems/ Renewal Energy Systems, (k) Power Plant Engineering, (i) Internet of Things (IoT),(m) Embedded System, (n)Artificial Intelligence (AI), (o) Machine Learning (ML), (p) Image Processing, (q) Mechatronics,(r) Microwave Engineering, RF Microwave Engineering, (s) Computer networks, (t)</p>



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	Micro Electronics and VLSI, (u) Communication Engineering. Or B.E. / B. Tech. or equivalent with valid GATE score in EE.
Earth and Environmental Studies (ES)	M.Sc. /M.S. /M. Sc.(Tech.) in Geology/ Earth Science/Applied Geology and Geo informatics/ Applied Geology/ Geochemistry / Hydrogeology (or Ground water)/Agriculture. B. Tech./B.E. in Environmental Engineering/ Civil Engineering / Water Resources Engineering or Management; M. Tech./M.E. in Environmental Engineering/ Environmental Science and Technology/Water Resource Engineering/ Agricultural Engineering.
Humanities & Social Sciences (HS)	Economics: M.A. or M.Sc. in Economics/ Statistics/ Commerce. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department. English: M.A. in English/ Linguistics/ Cultural Studies. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department.
Mathematics (MA)	P.G. degree in Mathematics/ Statistics/ Computer Science/ Physics, Or MCA Or M. Tech. with the following specializations: Operations Research, Operations Management, Optimization
Mechanical Engineering (ME)	Eligible degrees (i) B.E./ B. Tech. in Mechanical Engg./Production Engg. Or (ii) M. E./M. Tech. with the following specializations (a) Thermal Engg./Heat Power Engg, (b) Production Engg / Manufacturing Engg., (c) Machine Design, (d) Fluid Mechanics/Hydraulic Machines, (e) Power Engg., (f) Automobile Engg., (g) Applied Mechanics, (h) Mechatronics, (i) Robotics.
Metallurgical & Materials Engineering (MM)	B.Tech in Metallurgical and Materials Engineering/Mechanical Engg. /Production Engg./Ceramic Engg./Manufacture Engg./ Materials Science/Aeronautical Engg./Aerospace Engg./Nanoscience and Nanotechnology. Or M. Tech. in Metallurgical and Materials Engineering/Mechanical Engg./ Production Engg./Ceramic Engg./Manufacture Engg./Materials Science/Aeronautical Engg./Aerospace Engg./ Nanoscience and Nanotechnology. Or M. Sc. in Physics or Chemistry.
Management Studies (MS)	MBA with Specialization in Marketing or Finance or HR or HR & OB or Systems & Operations, OR Post Graduate Degree either in Economics or Statistics or Commerce or Psychology or Applied Psychology. Or B.Tech./M.Tech. with interest in doing research in Management and related disciplines. However, suitability of related disciplines will be judged by the Department.
Physics (PH)	M.Sc. in Physics/Applied Physics/Materials Science/Nanotechnology/Biophysics/ Electronics Science. Or M. Tech. in (Materials Science/Nanotechnology or equivalent).
Centres	
Centre for Research on Environment and Water (CREW)	B.Tech. /B. E. in Environmental Engineering/ Civil Engineering / Chemical Engineering / Water Resources Engineering or Management /Biotechnology/Metallurgy & Materials Sc./Computer Sc. Or M. Tech. /M. E./ M. Tech . Dual Degree in Environmental Engineering/ Environmental Science and Technology/ Agricultural Engineering / Nano Science and Technology/Civil Engineering / Chemical Engineering / Water Resources Engineering or Management /Biotechnology/Metallurgy & Materials Sc./ Computer Sc. Or M. Sc./MS/M.Sc. (Tech) in Geology/ Earth Science/ Applied Geology/ Geochemistry /



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	Hydrogeology (or Groundwater) /Agriculture/Chemistry/Applied Chemistry/Physics/Mathematics/Biotechnology/M. Sc or M. Sc. (Tech) in Applied Physics, Geophysics, Biophysics, Engineering Physics, Environmental Science, Microbiology, Zoology, Botany, Applied Chemistry, Radiochemistry, Radiophysics, Geochemistry, Engineering Chemistry, Atmospheric Science, Oceanography, Computation Bioscience, Computational Geoscience, Seismology.
Centre for Biomedical Engineering & Assistive Technology (BEAT)	<p>i) M. Tech./M.E. or equiv. in Biomedical Engineering, Chemical Engineering, Computer Science & Engineering, Electrical Engineering, Electrical & Electronics Engg., Electronics & Telecommunications Engineering, Instrumentation Engineering, Mechanical Engineering, Metallurgical and or Material Science Engineering.</p> <p style="text-align: center;">Or</p> <p>ii) M. Pharm. OR MBBS with or without MD/MS.</p> <p style="text-align: center;">Or</p> <p>iii) B. Tech./B.E. or equivalent degree in Biomedical Engineering, Chemical Engineering, Computer Science & Engineering, Electrical Engineering, Electrical & Electronics Engg., Electronics & Telecommunications Engineering, Instrumentation Engineering, Mechanical Engineering, Metallurgical and or Material Science Engineering with a GATE qualified score or a CSIR/UGC/DBT/ICMRJRF (qualified score).</p> <p style="text-align: center;">Or</p> <p>iv) M.Sc. or equiv. in Biochemistry, Biophysics, Biotechnology, Ceramics, Chemistry, Electronics, Ergonomics, Material Science, Mathematics, Molecular Biology, Physics and Physiology with a GATE qualified score or a CSIR/UGC/DBT/ICMRJRF (qualified score).</p> <p style="text-align: center;">Or</p> <p>v) Health Sciences such as MBBS / BDS. Must qualify All India level post graduate entrance examination for relevant disciplines.</p> <p style="text-align: center;">Or</p> <p>vi) B. Pharm. (with GPAT entrance examination)</p> <p>Broad Research Area available: (i) Biomaterials & Biofabrication, (ii) Biomechanics & Biomechanical Engineering, (iii) Biomedical Devices, Bio-Instrumentation & Bio-sensors, (iv) Assistive Technology & Rehabilitation Engineering.</p>
Centre for Advanced Research on Energy (CARE)	<p>M. E. / M. Tech./ M. Pharm. /M. Sc / M. S. or any Equivalent Post Graduate Degree in the Relevant Disciplines.</p> <p style="text-align: center;">Or</p> <p>B.E./B. Tech. or equivalent with GATE.</p>
Centre of Excellence on IoT and Intelligent Systems (IoTIS)	<p>i). B.E. / B. Tech. in Branch of Engineering /Technology</p> <p style="text-align: center;">Or</p> <p>ii). M.E. / M. Tech./MCA or equivalent</p> <p style="text-align: center;">Or</p> <p>iii). M. Sc. with requisite CGPA/percentage and NET qualification.</p> <p>Note: Proficiency in programming and mathematics/statistics is highly desirable and such skills will be tested during admission process.</p>

SCHOLARSHIP/FELLOWSHIP/FINANCIAL SUPPORT

Scholarship/Fellowship/Financial Support as per the norms of Ministry of Education (MoE), Government of India shall be available to all selected **Regular Research Scholars (Category- A)**. **The matter of Scholarship/Fellowship/Financial Support will be looked after by the office of Dean (SW).**



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APPLICATION PROCEDURE:

Mode of Application: Online (visit the Institute website www.nitdgp.ac.in).

Application Fee: The application fee of Rs 2,000/- (Rs 1,500/- for SC/ST/PwD and Women candidates), which is **non-refundable**, has to be paid to the following account through **NEFT or IMPS only**.

However, a valid document as proof of payment of successful transaction has to be produced by the candidate.

Account Details for Payment of Application Fee:

- Name of the Account: National Institute of Technology Durgapur
- Account Number: 8569101000352
- Name of the Bank: Canara Bank
- Name of the Branch: NIT Durgapur
- IFSC Code: CNRB0008569

Events	Dates
Opening Date for submission of Online Application	24/06/2022 (5:00 PM)
Closing Date for submission of Online Application	12/07/2022 (5:00PM)
Publication of Applicant's List	18/07/2022
Verification of Submitted documents by the Respective Departments / Centres	18/07/2022-21/07/2022 (3:00PM)
Publication of Shortlisted Candidates on the Institute website as prepared by the respective Departments / Centres	26/07/2022
Admission test and Viva-voce by the Respective Departments / Centres	01/08/2022-05/08/2022
Publication of Results on the Institute website	10/08/2022
Admission and Enrollment of Selected candidates/ Physical Reporting to the Institute	16/08/2022-22/08/2022 (on working days only)
Publication of WAITLIST Candidates if any	26/08/2022
Admission of Candidates from Waitlist, if required	29/08/2022-31/08/2022

***The above dates may be changed depending on the condition of the pandemic situation. The applicants are advised to follow the institute website time to time for the updates, if any.**

SELECTION PROCEDURE FOR PhD PROGRAMMES

(i) Selection of PhD candidates under categories A, B, C, G, I & K:

The shortlisting of applications will be made by the respective departments based on the documents submitted (online) and only the shortlisted candidates will be intimated for online admission test and viva voce (online) on the notified date. **All shortlisted candidates shall appear for the admission test offline/online.** There may be a further screening after the conduction of the admission test and before viva-voce, depending upon the number of candidates.

(ii) Selection of PhD candidates under categories F, H, & J:

Selection under these categories will be made directly subject to fulfillment of eligibility criteria fixed by the respective departments. **A shortlisting of applications will be made and the shortlisted candidates only will be called for viva-voce offline/online.**

(iii) The outline of the syllabus of the admission test: Candidates are referred to check the webpage of the respective Departments/Centres in the Institute website.

The admission committees of the respective departments are fully empowered and responsible for selection and their decision is final in the admission process.

The List of Selected Candidates will be published on the Institute website(www.nitdgp.ac.in).



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HOSTEL ACCOMMODATION:

NIT Durgapur is a residential institute. Each and every regular scholar will be required to reside in hostels as per Institute rules, subject to the availability of vacant seats and regarding the matter of accommodation the office of Dean (SW) may be contacted.

FEES STRUCTURE OF PhD PROGRAMS OF ALL CATEGORIES:

The Fee structure for the Academic Session 2022-23 will be available in the Institute website(www.nitdgp.ac.in).

PhD REGULATIONS:

The admitted scholars will be subjected to PhD Regulations, 2022 (Amended) and further Amendments on Ph.D Regulations, 2022, if any, will be published in the Institute website. Applicants are advised to go through the details of rules & regulations available on the institute website (www.nitdgp.ac.in).

APPLICATION CHECKLIST FOR VARIOUS CATEGORIES (*DOCUMENTS TO BE UPLOADED ONLINE*):

A. Regular Research Scholar with Institute Scholarship:

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of document as proof of payment of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. Self-attested copy of valid certificate (SC/ST) from a competent authority as per the format given in the website, if applicable.
 15. Self-attested copy of valid certificate in case of OBC candidates from a competent authority as per the format given in the website indicating the status regarding creamy layer, issued on or after 01/04/2022, if applicable.
 16. Self-attested of valid certificate in case of EWS candidates from a competent authority as per the format given in the website indicating the status regarding creamy layer, issued on or after 01/04/2022, if applicable.
 17. Self-attested copy of valid Person with Disability (PwD) certificate from a competent authority as per the format given in the website, if applicable.
- &
18. Self-attested copy of NET / GATE qualification certificate (as described in the eligibility criteria), as applicable.
 19. Self-attested copy of course completion certificate / Transcript for Result Awaited candidates.
 20. Self-attested copy of any other relevant documents.

B. Regular Research Scholar with Financial Support from Government Programs (sponsored by DST, CSIR, UGC etc.)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).



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4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of document as proof of payment of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. **Self-attested copy of a NET/ GATE qualification certificate, as per the requirement of the corresponding funding agency (in case of non-requirement, a valid supporting document for non-requirement of NET/GATE qualification has to be produced), as applicable.**
 15. **Self-attested copy of No Objection Certificate from the Project Supervisor as per the format given in the website.**
 16. Self-attested copy of any other relevant documents.

C. Regular Research Scholar Selected in Externally Funded Sponsored Projects in the Institute

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
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14. **Self-attested copy of a NET/ GATE qualification certificate, as per the requirement of the corresponding funding agency (in case of non-requirement, a valid supporting document for non-requirement of NET/GATE qualification has to be produced), as applicable.**
 15. **Self-attested copy of No Objection Certificate from the Principal Investigator as per the format given in the website, indicating the duration for which the fellowship is available.**
 16. Self-attested copy of any other relevant documents.

F. Professional Research Scholar from the Institute (NIT Durgapur Faculty / Staff)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).



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5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
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14. **Self-attested copy of No Objection Certificate from the employer as per the format given in the website.**
 15. Self-attested copy of any other relevant documents.

G. Regular Sponsored Research Scholar from Government/ Semi-Government/ other Highly Reputed Organizations/Academic or Research Institutions

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
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14. **Self-attested copy of No Objection Certificate from the present employer as per the format given in the website.**
 15. **Self-attested copy of Sponsorship Certificate from the present employer as per the format given in the website.**
 16. Self-attested copy of any other relevant documents.

H. Professional Sponsored Research Scholar from Reputed Industries (Industry Research Program)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
5. Self-attested copy of Certificate of 10th Standard Examination.
6. Self-attested copy of Certificate of 12th Standard Examination.
7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
11. Self-attested copy of payment for proof of application fees.



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12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.

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14. **Self-attested copy of No Objection Certificate from the present employer as per the format given in the website.**
15. **Self-attested copy of Sponsorship Certificate from the present employer as per the format given (for sponsored candidates).**
16. Self-attested copy of any other relevant documents.

I. Professional Research Scholar from Academic/ Research Institutions

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
5. Self-attested copy of Certificate of 10th Standard Examination.
6. Self-attested copy of Certificate of 12th Standard Examination.
7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
11. Self-attested copy of payment for proof of application fees.
12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.

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14. **Self-attested Pdf copy of No Objection Certificate from the present employer as per the format given in the website.**
15. Self-attested copy of any other relevant documents.

J. Professional Sponsored Research Scholar under Government of India Schemes like TEQIP etc. (will be guided by TEQIP norms). **NOT APPLICABLE**

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
5. Self-attested copy of Certificate of 10th Standard Examination.
6. Self-attested copy of Certificate of 12th Standard Examination.
7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
11. Self-attested copy of payment for proof of application fees.
12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.

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14. **Self-attested copy of No Objection Certificate from the present employer as per the format given in the website.**
15. **Self-attested copy of Sponsorship Certificate from the sponsorer as per the format given in the website.**
16. Self-attested copy of any other relevant documents.



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Category-K. Regular Research Scholar without Institute Fellowship (Self-sponsored)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
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14. (a) **For employed candidate**:-Self-attested (a) copy of No Objection Certificate from the present employer as per the format given in the website.
 - (b) **For unemployed/self-employed candidate**:- Self-declaration as per the format given in the website.
 15. Self-attested copy of any other relevant documents.

NOTE: In addition to the above documents, all aspiring candidates are required to upload/submit her/his full Signature (Size: 200px X 80px in JPEG/ JPG/ PNG Format Only) during the submission of online application form.

All announcements related to PhD admission will be made through the Institute website (www.nitdgp.ac.in). No communication will be made to any individual separately. Candidates are requested to visit the Institute website from time to time as required. The Institute will not be responsible in any manner if a candidate fails to visit /access the website in time.

The selected candidates will be required to produce all the original documents (as mentioned above for different categories, as applicable) for verification during their Admission Test/Physical Reporting/Admission (dates to be announced later) to the institute. Selected candidates are also advised to bring the printed application form, three copies of colour passport size photograph and a set of self-attested photocopies of all the required documents during Admission/Physical Reporting.

Additionally, all the selected candidates who will eventually turn out to be suitable for admission, will be required to submit the migration certificate (in original) at the time of physical reporting to the institute during the admission.

Misinformation/wrong information, submission of incomplete application, partly submitted application and submission of incorrect or false documents (during the process of application/admission) will lead to rejection of the application/candidature at any time and the submitted fees, if any, will not be refunded.

Respective Department / Centre reserves the right to cancel incomplete applications (including applications submitted without relevant documents), if any. No correspondence/interim inquiries will be entertained from the candidates in connection with the process of selection including reasons for not being called for admission test / viva voce. Canvassing in any manner would also entail disqualification of the candidature.

**Dean (Academic Research)
NIT Durgapur**