NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA
Website: www.nitdgp.ac.in

Advt. No. NITD/Acad/PhD/2018-19/Odd *June 01, 2018*

Admission to Various Full-Time and Part-Time PhD Programs, Odd Semester, 2018-19

Applications are invited from eligible candidates for *Admission to PhD programs, Odd Semester, 2018-19* under the following categories as per the PhD Regulations of NIT Durgapur:

A. Full-time Research Scholar with Institute Fellowship: Open for all the Departments as stated below.

The Seat Matrix:

Sl. No	*Departments*	Categories								
		OP	OP-PWD	OBC	OBC-PWD	SC	SC-PWD	ST	ST-PWD	**Total**
1	Biotechnology (BT)	1	0	1	0	1	0	1	0	**4**
2	Civil Engineering (CE)	2	0	2	0	1	0	0	1	**6**
3	Chemical Engineering (CH)	2	0	1	0	1	0	0	0	**4**
4	Computer Science & Engineering (CS)	5	0	2	1	1	0	1	0	**10**
5	Chemistry (CY)	2	0	1	0	1	0	0	0	**4**
6	Electronics & Communication Engineering (EC)	1	0	1	0	1	0	1	0	**4**
7	Electrical Engineering (EE)	3	0	1	0	1	0	0	0	**5**
8	Earth and Environmental Studies (ES)	1	0	0	0	0	0	0	0	**1**
9	Humanities & Social Studies (HS)	1	0	0	0	0	0	0	0	**1**
10	Mathematics (MA)	2	0	1	0	0	0	0	0	**3**
11	Mechanical Engineering (ME)	3	1	2	0	1	0	1	0	**8**
12	Metallurgical & Materials Engineering (MM)	2	0	1	0	1	0	0	0	**4**
13	Management Studies (MS)	2	0	1	0	0	0	0	0	**3**
14	Physics (PH)	2	0	1	0	0	0	0	0	**3**
	Total	**29**	**1**	**15**	**1**	**9**	**0**	**4**	**1**	**60**

B. Full-time Research Scholar with financial support from Government Programs (sponsored by DST, CSIR, UGC etc.)

B.1. Seat Matrix for Visvesvaraya PhD Scheme under Meity (with a fellowship of maximum 3 years 5 months)

Departments	*No. of Seats*
Computer Science & Engineering (CS)	01
Electronics & Communication Engineering (EC)	01

B.2. Candidates seeking admission to PhD program having their fellowship from various government organisations such as CSIR, UGC, DBT etc.(Must be supported by a No Objection Certificate from the Supervisor)**.**

B.3. Candidatess seeking admission to PhD program having their fellowship under the DST-INSPIRE scheme (Must be supported by a No Objection Certificate from the Supervisor).

C. Full-time Research Scholar selected in Externally Funded Sponsored Projects in the Institute (Must be supported by a No Objection Certificate from the Principal Investigator, indicating the duration for which the fellowship is available)

D. Full-time research scholar under QIP/ EFIP scheme (Not Applicable).

E. Full-time foreign research scholar admitted through Government of India (Not Applicable).

F. Part-time research scholar from the institute (NIT Durgapur Faculty / Staff): (Must be supported by a No Objection Certificate from the Head of the Institute)

G. Full-time sponsored research scholar from Government/ Semi-Government/ other highly reputed organizations/academic or research institutions (Submission of No Objection Certificate & Sponsorship Certificate in the given format is mandatory)

H. Part-time sponsored research scholars from reputed industries (Industry Research Program): (Submission of No Objection Certificate / Sponsorship Certificate in the given format is mandatory)

I. Part time research scholars from academic/ research institutions (Must be supported by a No Objection Certificate from the Head of the Institute)

J. Part time sponsored research scholars under Government of India schemes like TEQIP etc. (will be guided by TEQIP norms).

Availability of seats under various categories of PhD programs in different departments is listed below

Departments	Vacancy under various PhD programs (B, C and F to J)						
	B	**C**	**F**	**G**	**H**	**I**	**J**
Biotechnology (BT)	Yes	Yes	No	No	No	No	Yes
Civil Engineering (CE)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chemical Engineering (CH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Computer Science (CS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chemistry (CY)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electronics & Communication Engineering (EC)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electrical Engineering (EE)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Earth and Environmental Studies (ES)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Humanities & Social Studies (HS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mathematics (MA)	Yes	Yes	No	No	No	Yes	Yes
Mechanical Engineering (ME)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Metallurgical & Materials Engineering (MM)	Yes	Yes	Yes	Yes	No	No	Yes
Management Studies (MS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Physics (PH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes

IMPORTANT DATES

Events	Dates
Date of publication of admission notice	01.06.2018. (Friday); starting from 5:00 PM
Last date of form submission (Online)	25.06.2018 (Monday); ending at 5:00 PM
Date of publication of shortlisted candidates on the website	06.07.2018 (Friday)
Date of admission test and viva-voce (in respective departments)	12.07.2018 – 13.07.2018 (Thursday - Friday)
Publication of results on the website	20.07.2018 (Friday)
Date of admission	26.07.2018 - 27.07.2018. (Thursday - Friday)

Minimum Eligibility Criteria for Admission to Full-Time Ph.D. Program of NIT Durgapur:

Qualifying Degree*, ** (forrelevant discipline)	General/OBC	SC/ST	National Eligibility Test Qualifications
M.Tech./M.E./M. Arch/M.Pharm/ equivalent/MBA/ PGDBM/PGDM	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks	**Category A:** i) Post graduate degree in basic science with NET/GATE qualification or Graduate degree in Professional course with NET/GATE qualification or Post graduate degree in Professional courses. (F. No. 17-2/2014-TS.I dated 2nd March, 2015) ii) Post graduate degree in arts, commerce and management with NET/GATE qualification.
M.Sc./M.Com./ MBBS/BDS	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks	**List of NETs:** CSIR, UGC,GATE,JAM, GPAT,DBT-JRF, JEST,ICMR,ICAR,NBHM, Bioinformatics National Certification Examination etc. (OM No. SB/S9/2-01/2015 dated 07.01.2015)
B.Tech/B.E./MCA/ B.Arch/B.Pharm	7.5 CGPA or 70% marks	7.0 CGPA or 65% marks	
MA	6.0 CGPA or 55% marks	5.5 CGPA or 50% marks	However,thesequalificationswillhave to berelevantto thequalifyingdegreeof thecandidateconcerned. (see below)
CA/ICWAI/CSwith agraduationdegree	55% marks	50% marks	The GATE/ NET must be valid on date. **Category B and C:** Eligibility as per the terms and conditions of the funding agency.

*All the degrees will be from an institute/university recognized by UGC/AICTE/MHRD.
Above eligibility is minimum requirement only. Good academic career and higher qualification will be preferred. However, mere eligibility shall not ensure a call for admission test and/or viva voce.

**Relevant disciplines of various departments are listed below.

Departments	Details of relevant disciplines
Biotechnology (BT)	As relevant.
Civil Engineering (CE)	(i) B.Tech./B.E. or equivalent in Civil Engineering (ii) M.Tech./ME in relevant specialization of Civil Engineering
Chemical Engineering (CH)	*Category A. Full-time research scholar with Institute Scholarship: (Any of the following)* (i) B. E. /B. Tech. in Chemical Engineering. (ii) B.E. / B. Tech. in Chemical Engineering with M.E./M. Tech./M.S. in any relevantdiscipline. (iii) 5 year Integrated/ dual degree M. Tech. in Chemical Engineering. The candidate must have completed the academic program(s) in normal duration with norepeat of years. *Categories B to J (Research scholars of other categories): (Any of the following)* (i) B. E./ B. Tech. or equivalent in Chemical Engineering or in any relevant discipline. (ii) M.E./ M. Tech. or equivalent in Chemical Engineering or in any relevant discipline. (iii) 5 year Integrated /dual degree M. Tech. in Chemical Engineering or any relevantdiscipline. (iv) M. Sc. in any relevant discipline.
Computer Science & Engineering (CS)	Four year UG programme in Engg./Tech in CSE/IT/ECE/EE or an allied area. OR Two Year Post Graduate programme in Engg./Tech in CSE/IT/ECE/EE

	OR MCA/MSc (Comp. Sc.)
Chemistry (CY)	M.Sc. or M.Tech. in Chemistry/Chemical Science or technology / engineering/Biochemistry/Biological science/Environmental science or technology / engineering /Material Science or technology / engineering (plastics, polymer, corrosion, nanotechnology and related areas). In addition, chemistry should be one of the subjects at UG levels.
Electronics & Communication Engineering (EC)	Four year undergraduate programme in engg or tech. in ECE/EE/CSE/IT/EI or an allied area. Or MSc (Physics) with specialization in Electronics/ Radio Physics and Electronics/ Material Science; MSc (Electronics Science)/ MSc (Electronics) Or Two year post graduate programme in engg or tech. in ECE/ EE/CSE/IT/EI or an allied area. Or Integrated post graduate programme in Engg or Technology in ECE/ EE / CSE /IT/EI
Electrical Engineering (EE)	All categories: B.Tech./B.E. in in EE or EEE; M.E. / M.Tech. in relevant disciplines.
Earth and Environmental Studies (ES)	B.Tech/BE in Environmental Engineering ; M.Tech/ME in Environmental Engineering/ Environmental Science and Technology/Water Resource Engineering/ Agricultural Engineering; M.Sc/MS/M.Sc.(Tech) in Geology/Earth Science/Applied Geology/Geochemistry /Hydrogeology (or Groundwater)/Agriculture.

Humanities & Social Studies (HS)	The relevant degrees for UG and PG for PhD admission in the domain concerned will be as under:
	
	    (a) Economics: M.A./ M.Sc. in Economics/MBA/MSW, with any specialisation).
	    (b) English: M.A. in English/ Linguistics/ Cultural Studies

Mathematics (MA)	1. PG degree in Mathematics, Physics, Bio Science and Medical Science 2. M.Tech in any discipline.

Mechanical Engineering (ME)	*All categories:*
	(i) B.E./B.Tech in Mechanical Engineering / Production Engineering, and
	(ii) M.E./M.Tech in Mechanical Engineering with following specializations
	    a) Thermal Engineering or Heat Power Engineering or equivalent
	    b) Production Engineering or Manufacturing Engineering or equivalent
	    c) Machine Design or equivalent
	    d) Fluid Mechanics or Hydraulic Machines or equivalent
	    e) Power Engineering or equivalent
	    f) Automobile Engineering or equivalent
	    g) Material Science or equivalent
	Or,
	(ii) M.E./M.Tech in Applied Mechanics with following specializations
	    a) Fluid Mechanics
	    b) Engineering Mechanics
	Or,
	(ii) M.E./M.Tech in Production Engineering

Metallurgical & Materials Engineering (MM)	B.Tech. in Metallurgical and Materials Engineering, Mechanical Engg; Production Engg, Ceramic engg , Chemical Engg, Manufacturing Science, Material Science M.Tech. in Metallurgical and Materials Engineering, Mechanical Engg; Production Engg, Ceramic Engg, ChemicalEngg, Manufacturing Science, Material Science M.Sc. in Physics and Chemistry.

	Candidates with MSc must have an M-Tech in the above mentioned disciplines before applying for PhD.
Management Studies (MS)	i) MBA with Marketing or Finance or HR or HR & OB specialization, ii) Post graduate degree either in Economics or Statistics or Commerce or Psychology or Applied Psychology, or **iii)** B Tech/M Tech with interest in doing research in the field of Finance or Quantitative Finance.
Physics (PH)	(i) M.Sc. in Physics/Applied Physics/Materials Science/Nanotechnology with OR (ii) M. Tech in Professional courses (Materials Science/Nanotechnology or equivalent).

Financial Support

Fellowship as per the present norms of MHRD, Government of India (vide letter no. F.17-2/2014-TS.I dated March 02, 2015) shall be available to all selected Institute sponsored PhD research scholars (Category A), depending on qualification.

APPLICATION
Mode of Application: Online (nitdgpphdadmission.in)
The application fee of Rs 1,500/- (Rs 1,000/- for SC/ST/PWD candidates), which is non-refundable, has to be paid to the following account by means of <u>NEFT or IMPS only</u>. However, <u>a valid payment proof document of successful transaction has to be produced by the candidate</u>.

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
RTGS: 713015203

Selection Procedure For PhD Programmes

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

A screening of applications will be made by the respective departments and only the short-listed candidates will be called for admission test and viva voce. All shortlisted candidates shall appear for the admission test. There may be a further screening after the admission test for viva voce, depending upon the number of candidates.
During the selection process, 30% weightage will be given on percentage of Marks / CGPA obtained in the qualifying examinations, 40% weightage will be given on written admission test, and 30% weightage will be given on viva-voce to be carried out in respective departments at NIT Durgapur. Candidates need to mention CGPA-Percentage conversion as awarded by their University/Institute and produce relevant document (submit under any other document) of such conversion. In case such a document is not provided, NIT Durgapur CGPA-Percentage conversion formula will be used.

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

Selection under categories these categories will be made directly subject to fulfillment of eligibility criteria fixed by the respective departments. **A screening of applications will be made and only the short-listed candidates will be called for viva voce.**

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

List of selected candidates will be published on the NITD website.

Hostel
This is a residential institute. Each and every full-time student will be required to reside in hostels, subject to availability of vacant seats. However, no married accommodation will be provided in the campus. Further, no house rent allowance will be admissible to the students, provided hostel facilities are available.

PhD Program Fees
Fee structure for PhD programs will be uploaded in the institute website in due course of time.

Application checklist for various categories *(to be uploaded online)*:

A. Full-time research scholar with Institute Scholarship

(i)   Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii)   Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii)   Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv)   Scanned copy of proof of date of birth
(v)   Scanned copy of community certificate (SC/ST) from a competent authority as per the format given in the website, if applicable
(vi)   Scanned copy of community 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 01/04/2018
(vii)   Scanned copy of Person With Disability (PWD) certificate from a competent authority as per the format given in the website, if applicable
(viii) Scanned copy of a valid NET qualification certificate (as described in the eligibility criteria), as applicable.
(ix)   Scanned copy of Undertaking form for Result Awaited candidates.
(x)   Scanned copy of payment proof of application fees.
(xi)   Any other relevant document.

B. Full-time research scholar with financial support from Government programs (sponsored by DST/CSIR/UGC, etc.)

(i)   Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii)   Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii)   Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv)   Scanned copy of proof of date of birth
(v)   Scanned copy of a valid NET qualification certificate, as per the requirement of the corresponding funding agency (in case of non-requirement, a valid document has to be produced), as applicable.
(vi)   Scanned copy of No Objection Certificate from the Principal Investigator as per the format given in the website, as applicable
(vii)   Scanned copy of Undertaking form for Result Awaited candidates.
(viii) Scanned copy of payment proof of application fees.
(ix)   Any other relevant document.

C. Full-time research scholar selected in externally sponsored projects in the institute

(i)   Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii)   Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii)   Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv)   Scanned copy of proof of date of birth
(v)   Scanned copy of a valid NET qualification certificate, as per the requirement of the corresponding funding agency (in case of non-requirement, a valid document has to be produced), as applicable.
(vi)   Scanned 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
(vii)   Scanned copy of Undertaking form for Result Awaited candidates.
(viii) Scanned copy of payment proof of application fees.
(ix)   Any other relevant document.

D. Full-time research scholar under QIP/ EFIP scheme (Not Applicable).

E. Full-time foreign research scholar admitted through Government of India (Not Applicable).

F. Part-time research scholar scholar from the institute (NIT Durgapur Faculty / Staff)

(i) Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii) Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii) Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv) Scanned copy of proof of date of birth
(v) Scanned copy of No Objection Certificate from the employer (Director/Registrar, NIT Durgapur) as per the format given in the website, as applicable
(vi) Any other relevant document.

G. Full-time sponsored research scholar from Government / Semi-Government / other highly reputed organizations / academic or research institutions

(i) Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii) Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii) Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv) Scanned copy of proof of date of birth
(v) Scanned copy of No Objection Certificate from the present employer as per the format given in the website
(vi) Scanned copy of Sponsorship Certificate from the present employer as per the format given (for sponsored candidates). The employer should also indicate that the candidate will not be withdrawn midway till the completion of the programme
(vii) Scanned copy of payment proof of application fees.
(viii) Any other relevant document.

H. Part-time sponsored research scholars from reputed industries (Industry Research Program)

(i) Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii) Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii) Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv) Scanned copy of proof of date of birth
(v) Scanned copy of No Objection Certificate from the present employer as per the format given in the website
(vi) Scanned copy of Sponsorship Certificate from the present employer as per the format given (for sponsored candidates). The employer should also indicate that the candidate will not be withdrawn midway till the completion of the programme
(vii) Scanned copy of payment proof of application fees.
(viii) Any other relevant document.

I. Part-time research scholars from academic / research institutions

(i) Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
(ii) Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
(iii) Scanned copy of the certificate / provisional certificate of all the qualifying examinations
(iv) Scanned copy of proof of date of birth
(v) Scanned copy of No Objection Certificate from the present employer as per the format given in the website
(vi) Scanned copy of payment proof of application fees.
(vii) Any other relevant document.

J. Part time sponsored research scholars under Government of India schemes like TEQIP etc. (will be guided by TEQIP norms).

  (i)   Scanned copy of marks sheet / Grade card of the secondary, higher secondary board and other university examinations
  (ii) Scanned copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
  (iii) Scanned copy of the certificate / provisional certificate of all the qualifying examinations
  (iv) Scanned copy of proof of date of birth
  (v)   Scanned copy of payment proof of application fees.
  (vi) Any other relevant document.

No admit card will be issued. 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 specified. The Institute will not be responsible in any manner if a candidate fails to visit / access the website in time. No TA/DA will be paid for attending the written test and/or viva voce.

The candidates must bring the printed application form, all the original documents (proof of date of birth, mark sheets and academic certificates, caste certificates, no objection certificates, sponsorship certificates, payment proof etc. as applicable) and a set of self-attested photocopies of the same and one colour passport size photographs along with them during the admission test.

Respective departments reserve the right to cancel incomplete applications (including relevant documents). 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. Canvassing in any manner would also entail disqualification of the candidature.

Additionally, all the selected candidates who will eventually turn out to be suitable for admission, will be required to submit the migration certificate (in orginal) at the time of admission as scheduled.

Dean (Academic)
PG & Research Cell, Academic Section
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