F No. 14-25/2022/Minutes-56

कार्यालय आदेश सं./Office Order No. 304 / 2022, दिनांक/dated 18 November, 2022

The undersigned is directed to convey the resolution of Senate taken at its 56th Meeting held on 12th November, 2022, vide **Agenda Item:56.A.B.2** as follows:

Item:56.A.B.2	To **consider** the revised guideline / policy for Ph.D. admission, as per the observation / recommendation of Senate in its 55th Meeting held on 13th June 2022
	[RPEC Recommendation: Dean (Academics) made a detailed presentation on the recommendations of the Committee formed for framing guidelines / policy for Ph.D. admission, as suggested by the Senate in its 55th Meeting. The members suggested few modifications in para 1.1.2 (i) & (iii), 1.2.3.2 and Para 2. *After deliberation at length, the Committee recommended the revised guidelines / policy for Ph.D admission to the Senate for consideration and approval. Upon approval, it will be effective from Spring semester 2022-23 admission process.]*
	The Senate discussed and deliberated in detail on the revised guidelines for Ph D admission and approved it with modifications. The revised guidelines (Annexure B) are to be effective from Spring Session of the Academic Year 2022- 23 onwards.

Encl: Annexure B, B3 & B4

Asst. Registrar (Academics)

सेवा में/To

1) All Heads of the Schools
2) Section Officer- PhD) — with a request to upload the approved revised PhD admission guideline in the institute website in consultation with PIC- Web Service
3) PIC-Web Service for necessary action.
4) ERP Section for necessary action.

प्रतिलिपि/Copy to:

1. Chairman, Senate
2. All Members of the Senate
3. PS to Director
4. PS to Registrar
5. Office Order file

Eligibility Criteria, Shortlisting and Selection Procedure for Admission into PhD Programme

(Revised, Effective from Spring Semester Admission, 2022-23)

1. Minimum Eligibility Criteria for Application

An interested candidate meeting the below listed category wise minimum eligibility criteria may apply for the PhD programme. The minimum eligibility criteria do not guarantee either shortlisting or selection, for the admission. Applications not meeting minimum eligibility criteria will be rejected without any intimation and the application fee will not be refunded.

The minimum eligibility criteria refer to the minimum academic qualification to be met by the applicant at the time of applying for the admission. Relaxation up to 5% marks in all academic examinations is permitted only for SC/ST/PwD candidate categories, over General/OBC(NCL) categories, as per Govt. of India (GoI) guidelines**.** This is applicable to applicants under both Institute and Sponsored PhD Scholar categories.

Candidates possessing the minimum eligibility criteria are eligible to receive **Institute Research Assistantship** or **UGC/CSIR-NET Junior Research Fellowship (JRF) or any other doctoral fellowship offered by Govt. of India (GoI)**, as applicable, on joining the PhD programme.

1.1 Category 1 - Institute PhD Scholar

Institute PhD Scholar refers to the PhD student who receives **Institute Research Assistantship** sanctioned the Ministry of Education (MoE) and offered through the institute. Eligibility criteria for different schools are as follows.

1.1.1   All Engineering Schools

(i) M. Tech./ME or equivalent degree in appropriate disciplines, with minimum 60% marks or 6.5 CGPA (in a 10-point scale). The candidate must be GATE qualified in an appropriate discipline.

OR

B Tech/BE or equivalent degree in appropriate disciplines with minimum 70% marks or 7.5 CGPA (in a 10-point scale). The candidate must be GATE qualified in an appropriate discipline.

(ii) Minimum 60% marks or 6.5 CGPA (in a 10-point scale) required in all other examinations from Class 10 onwards. A single relaxation up to 5% marks in secondary/higher secondary/equivalent is permitted.

1.1.2   School of Humanities, Social Sciences and Management

(i) Minimum of 55% marks or 6.0 CGPA (in a 10-point scale) in Master's degree in appropriate Humanities and Social Sciences disciplines.

(ii) Minimum 55% marks or 6.0 CGPA (in a 10-point scale) required in all other examinations from Class 10 onwards. A single relaxation up to 5% marks in secondary/higher secondary/bachelor's degree/equivalent is permitted.

(iii) The candidate must be GATE or CSIR-UGC NET (LS) qualified in an appropriate discipline.

1.1.3   School of Basic Sciences

(i) Minimum 60% marks or 6.5 CGPA (in a 10-point scale) in Master's or equivalent degree in appropriate disciplines.

(ii) Minimum 60% marks or 6.5 CGPA (in a 10-point scale) required in all other examinations from Class 10 onwards. A single relaxation up to 5% marks in secondary/higher-secondary/bachelor's degree/equivalent is permitted.

(iii) The candidate must be GATE or CSIR-UGC NET (LS) qualified in an appropriate discipline.

1.1.4 School of Earth, Ocean and Climate Sciences
(i) Minimum 60% marks or 6.5 CGPA (in a 10-point scale) in Master's or equivalent degree in appropriate disciplines.

OR

B Tech/BE or equivalent degree in appropriate disciplines with minimum 70% marks or 7.5 CGPA (in a 10-point scale).

(ii) Minimum 60% marks or 6.5 CGPA (in a 10-point scale) required in all other examinations from Class 10 onwards. A single relaxation up to 5% marks in secondary/higher-secondary/bachelor's degree/equivalent is permitted.

(iii) The candidate must be GATE or CSIR-UGC NET (LS) qualified in an appropriate discipline.

1.2. Category 2 - Sponsored PhD Scholar

There are three types of sponsored PhD scholars in the institute. Eligibility criteria for each of these categories are as follows.

1.2.1 Sponsored by External Organization

PhD scholars joining under this category do not receive any financial support from the institute. They must be in continuous service for at least three (3) years in any one of the following categories of organizations where appropriate R&D facilities exist:

      a. Departments and Ministries of the GoI or any other government organizations
      b. Established industrial research and developmental organizations
      c. Recognized autonomous bodies and public undertakings
      d. Recognized universities/colleges.
      e. Established industries

Candidates under this category need not be GATE or CSIR-UGC NET (LS) qualified. All other academic qualifications under Section 1.1 apply to these candidates. Candidates must submit Sponsorship Certificates as per the prescribed format at the time of application; otherwise their applications will not be considered.

1.2.2 Sponsored GoI Doctoral Fellowship (CSIR—UGC, DST-INSPIRE, DBT, ICMR etc.)
Candidates having CSIR-UGC NET (JRF) or any other doctoral fellowship offered by GoI are eligible to apply under this category. PhD scholars joining under this category receive financial support from respective GoI doctoral fellowships. They must meet the same minimum academic qualification applicable for **Institute PhD Scholar** as under **Section 1.1.** These candidates need not be GATE qualified.

1.2.3 Sponsored Research Project under IIT Bhubaneswar
Persons who possess the minimum prescribed qualifications as mentioned in **Section 1.1** and are already working in a sponsored project of the Institute as JRF/SRF/equivalent availing minimum fellowship as that of Institute PhD scholar shall be eligible for applying to the Ph.D. program under this category. These candidates must be GATE/CSIR-UGC NET (LS) qualified.

For this category of candidates, the followings also apply:

A. They receive assistantship from the fund available in the project under the personnel/manpower budget head (to be referred as Project Fund now onwards) and the fellowship amount is at least equal to that of Institute PhD scholar.

B. The remaining period of the project fund (in a single project) as well as the remaining tenure of the same project should be at least 2 years from the date of enrollment in the PhD program in the Autumn/Spring Semester as per the academic calendar (if selected).

1.3 Category 3 - Joint MSc-PhD Students of IIT Bhubaneswar

(Refer to **MSc regulation – Modalities for Enrolment in PhD Programme** for more detail**)**

This programme is applicable for bright and motivated students pursuing MSc programmes at IIT Bhubaneswar. Applicants must have completed third semester. Students securing CGPA >= 8.5 after their third semester are automatically shortlisted for appearing the selection test for joining the PhD programme in the following Autumn semester. They are required to submit a declaration towards joining the PhD program within two weeks of declaration of the third semester result. Students who have not submitted the said declaration in time will not be considered for selection test.

Their selection test will be conducted along with the Autumn semester PhD admission of the institute. There will be a discipline wise cap of 10% of the sanctioned strength (rounded upward) on the number of students who can avail this option. They will be enrolled for the PhD programme in the Autumn semester, if selected after the selection tests.

2. Fixing of Cutoff Scores

The fixing of cut-off scores for candidates in different categories shall be as per the norm defined in Table 1 below.

Table 1: Assignment and calculation of cut-off marks for various categories

Category	Cut-off Score
Unreserved/General	X
EWS	X
OBC (NCL)	0.9 X
SC/ST/PwD	0.67 X
X = Cut-off score for unreserved category (to be decided by the school)	

In the following, the **cut-off marks/score** (in GATE/CSIR-UGC NET (LS), written test and interview) wherever necessary, have been specified for the general/unreserved category only. The assignment and calculation of cut-off marks for reserved categories of candidates as given in Table 1 above will be used in all cases described hereinafter, wherever applicable.

3. Shortlisting Criteria

Shortlisting for candidates under category 1.1 as mentioned in Minimum Eligibility Criteria for written test will be based on GATE/CSIR-UGC NET (LS) score only. Fixing of cut-off GATE/CSIR-UGC NET (LS) scores for a specialization is the decision of the school.

For candidates under category 1.2.1, all the applications shall be sent by the respective schools to the academic section within one week from the last date of the advertisement for further processing. The committee (as constituted below) shall examine all such applications for shortlisting. The shortlisted

candidates shall be called for the interview (no written test). The committee shall comprise of the following members:

    i.   Dean of Academic Affairs, Chairman,

    ii.   Associate Dean, PGS&R

    iii.   Head of the School for which the candidate has applied

    iv.   An expert faculty member of the same school nominated by the HoS

    v.   An expert faculty member from another school nominated by the Dean of Academic Affairs

Candidates under categories 1.2.2, 1.2.3, and 1.3 shall be automatically shortlisted for the written test.

In addition, the following categories of candidates will be **automatically shortlisted (they need not be GATE/CSIR-UGC NET (LS) qualified)** to appear for the written test:

    i. IIT B.Tech. degree holders with **CGPA >= 8.0**

    ii. IIT/IISc M.Tech/M.Sc. degree holders with **CGPA>=8.5**

N.B.: Mere fulfillment of minimum eligibility criteria does not entitle a candidate to be shortlisted.

4. Selection Procedure

All shortlisted candidates (except the candidates under section 1.2.1) will have to appear for both the written test and the interview. The final selection will be based on combined performances in the written test, interview, and academic career. The combined scores of candidates will be calculated by assigning **50%** weightage to the performance in the written test, **20%** weightage to the interview performance and **30%** weightage to academic career. The academic career component evaluation shall be done by giving equal weightage to academic performance starting from 12th standard/equivalent onwards. The schools can fix cut-offs for written test and/or interview based upon the requirements. For the candidates under section 1.2.1, the committee (as mentioned in Section 3) shall conduct interview for the final selection.

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Annexure – B1

Guidelines for Transferring the Funding Source of a Ph. D. Student from Research Project to Institute Fellowship

The transfer of a Ph. D. student's funding source from an externally funded research project to Institute Fellowship will be guided by the followings:

1. The transfer request will be considered against the Institute Fellowships allotted to the School. In case the School quota is exhausted at the time of such a transfer request, it may be considered on a case-to-case basis.
2. The transfer is possible only if the funding source is exhausted after completion of the project tenure.
3. The candidate must have been registered (i.e., successful completion of registration seminar) into the Ph. D. programme before the transfer request is made.
4. The candidate must present his/her work done so far for his/her Ph.D. in an open seminar in the presence of the DAC members and other faculty members. The DAC must submit in writing a satisfactory performance report and recommend it as a deserving case.

Annexure – B2

Procedure for PhD Admission for Project Staff already working in Research Project under IIT Bhubaneswar

1. Candidate must obtain No Objection Certificate (NOC) in the prescribed format from the Dean (R&D) and Dean, Academic Affairs. This will be required while applying through PhD admission portal.
2. If the candidate meets the minimum eligibility criteria as per Section 1.2.3, he/she may apply through PhD admission portal.
3. The shortlisting and selection procedure will be the same as mentioned in Section 3 and Section 4, respectively.
4. If the candidate is selected, he/she can only join under the applied project.

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INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

NO OBJECTION CERTIFICATE
(For a project staff working in a Sponsored Project, to apply for IIT Bhubaneswar PhD Programme)

I, Mr/Ms _____, am presently working as project staff in the Sponsored project entitled_____ with Project Code _____and _____ (*Name*) of _____ (*School Name*) as Principal Investigator (PI) and _____ (*Name*) of _____ (*School Name*) as Co-Principal Investigator (Co-PI), *if applicable*.

I may kindly be permitted to apply for the PhD programme of IIT Bhubaneswar. If I am selected for PhD programme, I may please be allowed to register for the PhD programme in Autumn/Spring Semester while availing the fellowship from the project.

(Name & Signature of Project Staff)

The remaining period of the budget (for this project) under manpower head is _____ (*should be at least 2 years from the date of PhD enrolment in Autumn/Spring Semester as per the academic calendar*) and the remaining tenure of this project is _____. The budget available under manpower head of the above project is _____ per month, per staff (*should be at least Rs. 31,000/- per month excluding HRA*). **Recommended for consideration.**

(Name & Signature of PI)   **(Name & Signature of Co-PI)**

Head of School

Deputy/Assistant Registrar (R & D)

Dean (R&D)

Dean (Academic Affairs)

N.B.: This document, after duly signed, should be uploaded while submitting online application for PhD admission.

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<u>OPTION FOR ENROLMENT INTO PhD PROGRAMME (for M.Sc. students)</u>

Name: Roll no.:

Discipline: School:

Programme: Year of admission:

CGPA after 3rd semester:

Declaration by student:

1. I, Mr./Ms. …………………………………………………………, am presently enrolled as an M.Sc. student at the Indian Institute of Technology, Bhubaneswar.

2. I have completed my 3rd Semester of the M.Sc. programme and my CGPA (after 3rd semester) is above 8.5.

3. I shall submit my online application for the next Autumn semester PhD admission.

4. I shall go through the usual selection process for the PhD admission which includes a written test and interview.

5. I shall abide by the regulations of the joint MSc-PhD programme of the institute.

    Date: **(Signature of Student)**

    M.Sc. Coordinator

    Associate Head

    Head of School

N.B.: This document should be submitted to the school office within two weeks of declaration of 3rd semester results. The approved document with the signature of the HOS should be uploaded in the online portal for Ph.D. admissions during application