भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR
Argul, Khordha-752050

Admission to Master of Science (by Research) Programme
(Spring Session 2024-25)

◆ Indian Institute of Technology Bhubaneswar invites **ONLINE** applications for admission to **Master of Science by Research (MS.R.) Programme** from eligible candidates for the academic year **2024-25 (Spring)** in following specialization:

- Mechanical Engineering,
- Civil Engineering,
- Electrical Engineering,
- Electronics & Communication Engineering,
- Computer Science & Engineering,
- Metallurgical and Materials Engineering
- Applied Artificial Intelligence

◆ MS.R. is a two- and-half years (i.e.5 – Semesters) Academic Programme offered in the following categories:

Category -1	Institute Fellowship Category
Category -2	Project Staff Category (IIT Bhubaneswar):
Category -3	Institute Staff Category/Sponsored (External):
Category -4	Students of CFTIs

Opening date for online application   **: 16ᵗʰ October, 2024**
Last date for submission of online application : 17ᵗʰ November, 2024 11:00 PM

To explore the available Research Areas (please click on the below URLs):

Sl. No.	School/ Center	URL
1.	School of Electrical & Computer Sciences:	https://secs.iitbbs.ac.in/index.php/broad-research-areas-ph-d-and-ms-r-admission/
2.	School of Infrastructure (Civil Engineering):	https://old.iitbbs.ac.in/infrastructure-area-of-research.php?code=if
3.	School of Mechanical Sciences:	https://old.iitbbs.ac.in/mechanical-msphdareas.php?code=ms
4.	School of Minerals, Metallurgical and Materials Engineering:	https://old.iitbbs.ac.in/minerals-metallurgical-and-materails-msphd.php?code=mm
5.	Artificial Intelligence and High Performance Computing Research Center **(AHRC)**	https://www.iitbbs.ac.in/index.php/ahrc/

I. Minimum Eligibility Criteria - Category wise

Category	Minimum Eligibility Criteria
Category -1 (A) : **Institute Fellowship** **for specialization in** Mechanical Engineering, Civil Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Metallurgical and Materials Engineering	◆ B.Tech./B.E. or equivalent degree in an appropriate discipline with minimum 60% marks or 6.5 CGPA (in a 10-point scale). The candidate must be GATE qualified in an appropriate discipline. **OR** Master of Science or equivalent degree in an appropriate discipline with minimum 60% marks or 6.5 CGPA (in a 10-point scale), **and** minimum 60% marks or 6.5 CGPA (in a 10-point scale) in Bachelor of Science/Arts/Commerce or equivalent degree, from a recognized University / Institution. The candidate must be GATE or CSIR-UGC NET (LS) qualified in an appropriate discipline. ◆ Minimum 60% marks in all examinations throughout the academic career with a single relaxation of 5% marks in either 10th or equivalent or 12th level examination or equivalent. ◆ An additional relaxation of up to 5% marks in all academic examination levels is permitted for SC/ST/PwD candidates.
Category -1 (B): **Institute Fellowship** **for specialization in** Applied Artificial Intelligence.	1. B Tech/BE or equivalent degree in Artificial Intelligence /Data Science/ Computer Science / Electrical / Electronics/ Communication/ Mechanical/ Civil/ Biomedical/ Genetics/ Agricultural/ Environmental Engineering, with minimum 60% marks or 6.5 CGPA (in a 10-point scale). **OR** Master of Science or equivalent degree in Mathematics/ Biology/ Genetics/ Psychology: with minimum 60% marks or 6.5 CGPA (in a 10-point scale). 2. The candidate must be GATE qualified in either Data Science and Artificial Intelligence (DA) or Computer Science and Information Technology (CS) or Electronics and Communications Engineering (ECE)
Category -2 : **Project Staff Category (IIT Bhubaneswar):**	◆ Persons who possess the minimum qualifications as prescribed in **Category-1** and are already working in a sponsored project of the Institute, as JRF/SRF/equivalent shall also be eligible for applying to the MS.R program. ◆ These candidates must be GATE/CSIR-UGC NET (LS) qualified while applying for MS.R program.
Category -3 : **Institute Staff Category/Sponsored (External):**	◆ Permanent staff members of this Institute or sponsored by other recognized organizations with minimum qualification of B.Tech./B.E. or equivalent degree in an appropriate discipline with minimum 70% marks or 7.5 CGPA (in a 10-point scale) are eligible to apply for MS.R program, they **need not** be GATE/CSIR-UGC NET (LS) qualified. **OR** B. Tech./B.E. or equivalent degree in an appropriate discipline with minimum 60% marks or 6.5 CGPA with GATE/CSIR-UGC NET (LS) qualified. ◆ The candidates of this category must have minimum 3 years of experience and be employed in industry/organization at the time of applying. ◆ Such candidates need to produce **No Objection Certificate (NOC)** from the employer while applying.
Category -4 : **Students of CFTIs**	◆ Students with B. Tech. degree from Centrally Funded Technical Institutes (CFTIs): Such applicants with a CGPA greater than or equal to 8.0 are eligible to apply without GATE.

Details of GATE / NET Disciplines required for Ph.D. admission are given below:

School Name	GATE Discipline	UGC-CSIR-NET (LS) / (RS) Discipline
SECS	**Electrical Engineering:** • Electrical Engineering **(EE)** • Instrumentation **(IN)**	-
	Computer Science and Engineering: • Computer Science and Information Technology **(CS)** • Data Science and Artificial Intelligence **(DA)**	Computer Science and Applications **(Code-87)**
	Electronics & Communication Engineering: • Electronics and Communication Engineering **(EC)** • Instrumentation Engineering **(IN)** • Electrical Engineering **(EE)**	Electronic Science **(Code-88)**
SIF	Civil Engineering **(CE)**	-
SMS	• Mechanical Engineering **(ME)** • Production Engineering **(PI)** • Aerospace Engineering **(AE)** • Chemical Engineering **(CH)** • Biotechnology **(BT)** • Biomedical Engineering **(BM)**	-
SMMME	• Metallurgical Engineering **(MT)** • Mechanical Engineering **(ME)** • Engineering Sciences **(XE)** • Production and Industrial Engineering **(PI)**	-
AHRC	• Data Science and Artificial Intelligence **(DA)** • Computer Science and Information Technology **(CS)** • Electronics and Communications Engineering **(ECE)**	-

II. General Instructions

a) An interested candidate meeting the above listed category-wise minimum eligibility criteria may apply for the MS.R programme through ONLINE process on or before the closing date mentioned above. The online application should be supported by uploading the scanned copies of all ORIGINAL educational and experience certificates or else the application will not be considered. No hardcopy of the Online Application Form is to be sent to the Institute.

b) The shortlisting of application will be purely based on the information submitted in the online application. Hence, the candidates are advised to fill the online application with utmost care. The Institute will not be responsible for rejection of candidature due to submission of any wrong and/or incomplete data in the online application portal.

c) 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.

d) 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 Scholar categories.

e) **Shortlisting Criteria:** The candidate must fulfil the minimum eligibility criterion as specified in **Section-I.** School(s) may fix additional criterion in terms of marks / score. Moreover, school(s) may put additional criterion in terms of discipline/branch of the candidate at undergraduate and postgraduate level.

f) **Selection Procedure:** All shortlisted applicants including sponsored and Institute staff category (IIT Bhubaneswar) candidates will have to appear **the written test and interview.** The selection to be based on 40% weightage in a written test and 60% weightage in an interview. The School(s) can fix cut-offs for written test and interview based upon the requirements. The final selection will be based on combined performances in the written test and interview.

g) **Application Fee:** The applicants are required to pay a **non-refundable** application fee as indicated below:

For General, General (EWS) and OBC Candidates	₹ 500/- (Rupees Five Hundred Only)
For SC/ST/PwD Candidates	₹ 250/- (Rupees Two Hundred Fifty Only)
For Foreign Nationals	USD 50
For Female candidates	Fee is exempted.

N.B.: Application fee once paid shall not be refunded under any circumstances.

h) Any difficulties relating to submission of online application may be sent to the Email ID provided below. *Helpline Numbers are answerable during 10:00 AM to 5:00 PM of Working days only:*

Query relating to admission	**Academic Section** Email ID: academic.phd@iitbbs.ac.in Contact No. 0674 - 7134466
Query relating to Technical issues with Online Application Process (Submission of Application Form)	**ERP Team** Email ID: erp.admin@iitbbs.ac.in Contact No. 0674 - 7138615
Query relating to payment Application Fee (online)	**Accounts Section** Email ID: fa.section@iitbbs.ac.in Contact No – 0674-7134563