

Walk-in-interview for Admission in Blended-mode MTech. in "Advanced Maintenance Technology" programme for working professionals

This is an opportunity to the candidates who missed to apply before the closing date against the web advertisement.

A walk-in-interview for willing and eligible candidates for Admission in Blended-mode MTech. in "Advanced Maintenance Technology" programme will be held as per following details:

Venue: Room no. 001, School of Electrical Sciences, IIT Bhubaneswar, Argul, Khordha, Odisha, India-752050.

Reporting Date & Time: 6 July 2024 (Saturday), 9:30 AM and 13 July 2024 (Saturday), 9:30 AM

Important Notes:

- **Candidates can attend the interview at any of those mentioned dates.**
- **Candidates must bring original and photocopy of education certificates, experience certificates, filled-in application form and application fees receipt.**

The eligibility criterion and other details are given below:

Programme details:

The proposed "Advanced Maintenance Technology" programme is offered for engineers who have been working / or have worked in industry/plant for 3 years or more and are thus aware of the maintenance procedures being followed in plant and are looking to extend their knowledge and update their qualifications with a view to career advancement. Engineers from industries, including the steel, automotive, pharmaceutical, nuclear, petrochemical and aerospace industries, may participate in this program. It does not require GATE qualification but selections will be made through a procedure of evaluation of applicants. This proposed programme will help build the fundamental knowledge base needed for predictive and preventive maintenance of both normal and complex, and critical systems and structures. The technical management aspects of maintenance technology will be covered so as to prepare the student for a range of roles associated with maintenance in plants, including critical areas.

The minimum time required to complete the program is two years. However, it can also be completed at relaxed pace within five years. The admissions will be made open once a year (i.e. Autumn Semester).

Essential qualification:

Name of the School	Name of the M.Tech programme	Previous Degree	Essential / Desirable requisite
School of Mechanical Sciences (SMS)	M.Tech. in Advanced Maintenance Technology (blended mode – lectures will be via online mode during evenings or weekends)	B.Tech. in Mechanical Engineering or equivalent	Minimum 60% marks or 6.5 CGPA on a 10-point scale in previous degree.
School of Infrastructure (SIF)		B.Tech. in Civil Engineering or equivalent	Minimum 3 years of experience in industry at engineering level.

School of Electrical Sciences (SES)	M. Tech. in Advanced Maintenance Technology (blended mode – lectures will be via online mode during evenings or weekends)	B.Tech. in Electrical Engineering or equivalent	Minimum 60% marks or 6.5 CGPA on a 10-point scale in previous degree. Minimum 3 years of experience in industry at engineering level.
School of Minerals, Metallurgical and Materials Engineering (SMMME)		B. Tech. in Metallurgical Engineering or equivalent	

Selection procedure:

Shortlisted candidates will have to appear for interview (in-person) and selection process will be based on the performance during the interview.

For details about regulations, please refer to this website:

<https://www.iitbbs.ac.in/notice/Blended%20-%20Mode%20MTech%20Regulations.pdf>

Application fee (Non-refundable): Rs. 500:

Shortlisted candidates are required to deposit Application fees as mentioned below.

Account details for the payment of Application Fee:

Name of the Bank: State Bank of India

A/C No. 30824066553

IFSC Code: SBIN0061223

State Bank of India, Argul Campus Branch, IIT Branch

Account Holder Name: Registrar IIT Bhubaneswar

Fees structure:

S.No	Tuition fee component	Rs.	Remarks
Part-A			
1.	Registration fee (one-time)	25,000/-	One time (valid for 5 years). After 5 years, Rs. 5,000/- per semester.
Part-B			
1.	Tuition fee for lecture/lab course	1000/- per hour	40 hours for 3 credit course, 52 hours for 4 credit course
2.	Tuition fee for project work	40,000/-	For every 4 credits
3.	Tuition fee for seminar course	1000/- per hour	3 contact hour per week.

Coordinator:

Name: Dr. Srinivasa Ramanujam Kannan

School: School of Mechanical Sciences

Email: sramanujam@iitbbs.ac.in

Co-Coordinator:

Name: Prof. Brahma Deo

School: School of Minerals, Metallurgical, and Materials Engineering

Email: bdeo@iitbbs.ac.in

Co-Coordinator:

Name: Prof. Sarat K. Panda

School: School of Infrastructure

Email: sarat@iitbbs.ac.in

Curriculum of M. Tech. Programme in Advance Maintenance Technology

Semester 1				
Sl. No.	Course No.	Course Name	L-T-P	Credits
1	HS7L002	Research methodology and data analysis	3-1-0	4
2	ME6L001	Vibrations	3-1-0	4
3	ME6L009	Time Series Analysis of Dynamical Systems	2-0-2	3
4		Elective I	3-0-0	3/4
5		Elective II		3/4
6		Measurement & Instrumentation Laboratory	0-0-3	3
7		Seminar I	0-0-4	3
Total L-T-P and Credit			14-3-8	23/25
Semester 2				
Sl. No.	Course No.	Course Name	L-T-P	Credits
1	ME6L009	Engineering Measurements	3-1-0	4
2	ML6L021	Corrosion Science and Engineering	3-0-0	3
3		Elective III	3-0-0	3
4		Elective IV	3-0-0	3
5		Corrosion & Vibration Laboratory	0-0-3	3
6		Seminar II	0-0-3	3
7		Thesis-Part I		4
Total L-T-P and Credit			15-2-6	23
Semester 3				
Sl. No.	Course No.	Course Name	L-T-P	Credits
1		Thesis - Part II	---	18
Total L-T-P and Credit			---	18
Semester 4				
Sl. No.	Course No.	Course Name	L-T-P	Credits
1		Thesis - Part III	---	18
Total L-T-P and Credit			---	18

List of Electives:

Subject Name	Subject Code	L-T-P	Credit
Elective- I & II			
Dynamics of Structure	CE6L301	3-1-0	4
Materials Design	ML6L010	3-0-0	3
Manufacturing planning and control	ME6L316	3-0-0	3
Fluid-Structure interaction and separated flow	ME6L169	3-0-0	3
Elective- III & IV			
Chaos in Dynamical Systems	ID6L003	3-0-0	3
Structural Health Monitoring	CE6L029	3-0-0	3
Design and analysis of welded structure	ME6L326	3-1-0	4
Instability of slender structural components	CE6L313	3-1-0	4
Introduction to Machine Learning for Engineers	ME5L00XX	3-1-0	4



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Passport size
Photograph

Admission into Blended-mode M. Tech. in "Advanced Maintenance Technology"
Application Form

1.	Name of the Applicant	:	
2.	Name of the Mother	:	
3.	Occupation of the Mother	:	
4.	Name of the Father	:	
5.	Occupation of the Father	:	
6.	Date of Birth of Candidate	:	
7.	Nationality	:	
8.	Marital Status	:	
9.	Gender	:	
10.	Category	:	
11.	Belong to PWD	:	
12.	Religion	:	

13.	Address Details -			Correspondence Address with Pin-code		
	Email ID	:				
	Mobile No.	:				
14.	Educational Qualification (Please specify percentage/CGPA)					
Examination Passed	University/Institute	Year	Subjects/ Discipline/ Specialization	Division/Class	Percentage	CGPA

15. Experience of Service and/or Research including Present Position held

Name and Address of Employer	Designation	From	To	Nature of Work	Salary Draw (in INR)

16.	Details of any Research/ Professional Experience/Publication in Journal:	
	1.	
	2.	
	3.	

Signature of the Applicant

Date: