

## भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर **Indian Institute of Technology Bhubaneswar**

No.F: 14-10 / 2009 - Acad /Senate Const.

## कार्यालय आदेश सं./ Office Order No. 12(A) 4 / 2016 dated (दिनांक) 22.01.2016

The undersigned is directed to convey that the Senate in the 29th Senate Meeting held on 18th December, 2015 (vide Agenda item No. Item: 29.A.B.4) has approved independent evaluations for Thesis Part-I and Thesis Part-II of M.Tech. and M.Sc. Programmes and award of grades accordingly.

A copy of the revised guidelines of thesis evaluation of M.Tech. and M.Sc. Programme is enclosed in **Annexure-1**.

सहायक कुलसचिव (शैक्षणिक) Asst. Registrar (Academics)

Encl: As above.

### To

- 1. अध्यक्ष, अभिषद्/ Chairman, Senate
- 2. अभिषद के सभी सदस्यगण/All Members of the Senate
- 3. All Heads of School
- 4. निदेशक के साचिव/ PS to Director
- 5. उपानिदेशक के साचिव / PS to Dy. Director
- 6. कुलसचिव के साचिव/ PS to Registrar
- 7. उप कुलसचिव / Dy. Registrar
- 8. कार्यालय आदेश फ़ाइल् / Office order file

# INDIAN INSTITUTE OFTECHNOLOGY BHUBANESWAR Thesis Evaluation for M.Tech./M.Sc. Programmes

#### PROCEDURE AND GUIDELINES:

- 1. The normal duration for M. Tech./M. Sc. thesis work is 2 semesters. The thesis is to be evaluated in two stages, i.e., Stage-1 evaluation at the end of first semester of the thesis work and Stage-2 evaluation at the end of the second semester of the thesis work. Stage-1 and Stage-2 evaluations are termed as **Interim Evaluation** and **Final Evaluation**, respectively.
- 2. For evaluation of each thesis, two internal examiners and an external examiner are to be appointed. The internal examiners (within the School) are nominated by the Head of School. The external examiner (outside the institute) is to be appointed by the Dean (Academic Affairs) from the list of the examiners recommended by the School. The recommended practice is that one external examiner is appointed for examination of at most six (6) theses. The Head of School shall send the list of external examiners to the Dean (Academic Affairs) at least two months before the final examination date.
- 3. The interim evaluation is to be done by the internal examiners and supervisor(s) of the thesis. The final evaluation is to be done by a committee consisting of supervisor(s), internal examiners and the external examiner. The supervisor will be the coordinator for the interim and final evaluation.
- 4. For interim evaluation, the student must give an open oral presentation and submit a written report on the work carried out by him/her. For the final evaluation, the student must submit a soft-bound copy of the thesis to the School at least three weeks before the date of final examination. The School should send the thesis to the examiners well before the final examination date.
- 5. The evaluation report should be recorded by the supervisor and the examiners by filling up the prescribed evaluation forms. For each evaluation, the mark awarded to a student is computed as the average of the marks awarded to the student (as mentioned in the evaluation form) by the supervisor(s) and the examiners.
- 6. There should be independent evaluations for Thesis Part- I & Thesis Part-II and the grades should be awarded accordingly.
- 7. The final grade is awarded based on this final composite score of a student (as per the grading system given in the following Table).

#### **Grading System**

Performance	Letter Grade	Range of marks ('m') obtained
Excellent	Ex	<i>m</i> ≥ 90
Very Good	A	80 ≤ <i>m</i> < 90
Good	В	$70 \le m < 80$
Fair	С	60 ≤ <i>m</i> < 70
Average	D	50 ≤ <i>m</i> < 60
Pass	Р	35 ≤ <i>m</i> < 50
Fail	F	m < 35



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- 8. The grades from **EX to P** are the Pass Grades. If the student is not awarded one of these grades, then the student is deemed to have failed in this examination and is given an **F** grade and such a student, having incorporated the suggestions and observations of the panel, can ask to be reevaluated within ONE MONTH. The student can pass this re-evaluation with a **P** grade. Should the student fail again, re-registration for this Semester is required.
- 9. The Head of School shall organize the evaluation process in the School.
- 10. After the evaluation process is over, the School must send the original evaluation reports and the hard-bound thesis (final form) to the Academic Section for further processing. The final thesis will be archived in the Institute Library.



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Thesis Evaluation for M.Tech./M.Sc. Programmes

## INTERIM EVALUATION OF THESIS

ROLL NUM				
TITLE OF TI	HE THESIS:			
DATE OF EX	XAMINATION:			
,	SUGGESTIONS are s	to be included on the re  Term Evaluation:	verse of this fo	orm.
Panel Member	Name	Marks awarded (out of 100)	Signature	Final Marks awarded to the
Supervisor				
Co-supervisor (if any)				
Internal Examiner- I				
Internal Examiner-2				
Approved B				

 $\cdot Mark \ awarded \ to \ the \ student \ is \ the \ average \ of \ the \ marks \ awarded \ by \ the \ supervisor(s) \ and \ the \ internal \ examiners.$ 

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## INDIAN INSTITUTE OFTECHNOLOGY BHUBANESWAR Thesis Evaluation for M.Tech./M.Sc.Programmes

## FINAL EVALUATION OF THESIS

mmary of Marks Panel Member	Awarded in Final Name	Evaluation:  Marks awarded	Signature	Final Marks awarded
		(out of 100)		to the student*
Supervisor				
Co-supervisor (if any)				
Internal Examiner- I				
Internal Examiner-2				
External Examiner				
The thesis subn		is: (please choose <b>ONE</b> ) led as final in its present form		
(a)Accepts (b)Accepts student dur reverse of t submission (c) Not a done shou student in t	able with minor revising the examination (string the examination (string this form). The student ceeptable in its preside be outlined in a	isions. The revisions and methe revisions and modification should submit the modified ent form and it needs majeseparate document. The mem must be certified by the	ons to be done thesis certified or revision.	should be outlined on the by the supervisor for final  The modifications to be ust be incorporated by the
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Thesis Evaluation for M.Tech./M.Sc.Programmes

## INTERIM EVALUATION OF THESIS BY SUPERVISOR/EXAMINER

NAME OF THE STUDENT:

	A: Based on the Report		
S.No.	Assessment criterion	Marks (out of 10)	Remarks
1.	Review of the research area		
2.	Objective/Aim/Goals set for the thesis work (Clarity and completeness)		
3.	Work carried out		
4.	Extent of independent study	113	
5.	Analysis and interpretation	13/4	
	Conclusion		
5. 7.	Report organization and quality	Evamination	
6. 7. <b>Part I</b> S. No.	Report organization and quality  3: Based on the Presentation and Viva-Voce  Assessment criterion	Examination  Marks (out of 15)	Remarks
6. 7. <b>Part F</b> S. No. 1.	Report organization and quality  3: Based on the Presentation and Viva-Voce		Remarks
6. 7. <b>Part E</b> S. No. 1. 2.	Report organization and quality  3: Based on the Presentation and Viva-Voce  Assessment criterion  Presentation: clarity and structure  Answers to questions—demonstrating depth of	Marks (out of 15)  TOTAL MA	RKS =

Thesis Evaluation for M.Tech./M.Sc.Programmes

## FINAL EVALUATION OF THESIS BY SUPERVISOR/EXAMINER

NAME OF THE STUDENT:
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ROLL NUMBER:

SCHOOL/ CENTRE:

#### 1. Assessment;

Part A: Based on the Thesis

S.No.	Assessment criterion	Marks (out of 10)	Remarks
1.	Review of the research area		
2.	Objective/Aim/Goals set for the thesis work (Clarity and completeness)		
3.	Work carried out	W. V.	
4.	Extent of independent study		
5.	Analysis and interpretation		
6.	Conclusion		
7.	Thesis organization and quality		

#### Part B: Based on the Presentation and Viva-Voce Examination

S. No.	Assessment criterion	Marks (out of 15)	Remarks
1.	Presentation: clarity and structure		
2.	Answers to questions—demonstrating depth of understanding of the problem and inference drawn		

#### TOTAL MARKS=

- II. Recommendations: The thesis submitted by the candidate is: (please choose ONE)
  - (a)Acceptable and may be regarded as final in its present form
  - (b) Acceptable with minor revisions. The revisions and modifications have been indicated to the student during the examination (the revisions and modifications to be done should be outlined on the reverse of this form). The student should submit the modified thesis certified by the supervisor for final submission.
  - (c) **Not acceptable** in its present form and **it needs major revision**. The **modifications to be done should be outlined in a separate document**. The modifications must be incorporated by the student in the thesis and the same must be certified by the supervisor and the internal examiner before final submission.

Name of the	Supervisor	Examiner:
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Signature with 'Date:

