

Nutan Maharashtra Vidya Prasarak Mandal's Nutan Maharashtra Inst. of Engg. & Tech. Department of Mechanical Engg.

Record No.: ACDM/R/045

Revision: 00

Date: 15.6.2016

Date: 02/07/2020

Project Work Tentative Schedule

Academic Year: 2020-21

Sr No	Task	Timeline	Particulars
		Project Stag	ge I
01	A call for project Groups	At the Start of VIII Semester.	Students are allowed to form project group and inform the project coordinator about their ideas.
02	Guide allocation finalization	1st and 2nd week of Semester VII	Guide is allotted based on the basis of domain and Guide preferences given by the Students.
03	Project Ideas Discussion	3 rd week of Semester VII	Each project group discuss their project idea with Program coordinator, Guide and Project coordinator.
04	Project title finalization	4 th week of Semester VII	More than two topic submitted by each group to the project guide and select one project topic for each group.
05	Project Progress review-I	5 th and 6 th week of Semester-VII	Project committee members give suggestion and modification
06	Project Progress review-II	After In-Sem examination of Semester-VII	Project committee monitors the progress of project work and gives suggestions if necessary.
07	Project Stage I Examination	Before or after theory examination of Semester- VII	Exam is conducted as per SPPU.
		Project Stage	II
09	Project Progress review-III	2 nd week of Semester VIII	Project committee monitors the progress of project work and gives suggestions if necessary.
10	Project report	10th Hook of Fig.	Students prepare the report in the given format.

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11	Final Project Progress review	Before end of Semester VIII	Project committee members and industry members does internal evaluation by evaluating presentation and project.
12 P	Project Stage II Examination and feedback	After theory examination of Semester-VIII	Feedback will be collected on project work examined by an external examiner and assessed as per SPPU.

Project Coordinator

HOD (Mech. Engg.)

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Nutan Maharashtra Inst. of Engg. & Tech.

Record No.: ACDM/R/046

Revision: 00

Date: 15.06.2016

Dept: Mechanical Engg

Academic Year: 2020-21

Rubrics for Project Phase-I, Review I

Sr. No.	Parameter	Allocated Marks	High	Medium	Low	
1.	Project Diary	5 M	Diary is updated regularly with guide sign	Diary not updated as per schedule with guide sign	Diary not updated as per schedule without guide sign.	
	a a company		5M	3-4M	1-2M	
2	Literature Study	5 M	In depth literature review and research gap find out	Literature review done but not relevant to gap identified	Literature review and gap identified but not relevant to title defined	
			5M	3-4M	1-2M	
3	Problem Statement	5 M	Relevant to current trends and technology .Clearly explained problem statement.	Relevant with slight modification. Problem statement are specified but Needs improvement.	Poor/Inadequate Problem statement are not clearly specified	
			5M	3-4M	1-2M	
4	Problem Objective &Scope	5 M	Clear definition of Problem Objective &Scope	Objective & Scope are specified but need Improvement	Objective & Scope are not clearly specified	
	•		5M	3-4M	1-2M	
5	Presentation Skills	5 M	Students have properly prepared the presentation including all necessary explanations for Projects. Student is completely prepared and gives entire presentation confidently.	Students have prepared the presentation with fewer explanations for Projects. Student is completely prepared and gives the entire presentation with less confidence.	Student has not prepared the presentation Student is not prepared for giving presentation and has no confidence	
			5M	3-4M	1-2M	

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Record No.: ACDM/R/046

Revision: 00

Date: 15.06.2016

Table Rubrics for Project Phase-I, Review II

Sr. No.	Parameter	Allocated Marks	High	Medium	Low
1.	Project Diary	5 M	Diary is updated regularly with guide sign	Diary not updated as per schedule with guide sign	Diary not updated a per schedule without guide sign.
			5M	3-4M	1-2M
2 Literature Study		5 M	In depth literature review and research gap find out	Literature review done but not relevant to gap identified	Literature review and gap identified but no relevant to title defined
			5M	3-4M	1-2M
3	Solution to The Problem Statement	5 M	Relevant solution find out and work going on as per methodology defined	Relevant solution find out and work as per methodology defined with delay	Relevant solution find out but no work as per methodology defined
			5M	3-4M	1-2M
4	Proposed Methodology & Expected Outcome	5 M	Clear definition of Proposed Methodology & Expected Outcome	Proposed Methodology & Expected Outcome are specified but need Improvement	Proposed Methodology & Expected Outcome are not clearly specified
			5M	3-4M	1-2M
5	Presentation Skills	5 M	Students have properly prepared the presentation including all necessary explanations for Projects. Student is completely prepared and gives entire presentation confidently.	Students have prepared the presentation with fewer explanations for Projects. Student is completely prepared and gives the entire presentation with less confidence.	Student has not prepared the presentation Student is not prepared for giving presentation and has no confidence
			5M	3-4M	1-2M

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Process for Project Guide allocation

Students undertake projects in BE as per SPPU. Major Project is included in VIIth and VIIIth Semester of curriculum as Project Phase I and Project Phase II respectively. In order to enhance the quality of student's projects, standard procedure is followed for allocation of projects and guides, progress review and assessment. The list of previous year projects is provided to the students which ensures no repetition of project work and also encourages students to enhance the previous work. Students are motivated to participate in various project competitions/ exhibitions and present a paper in reputed National and / or International Journal/ Conference. The industry experts are called for the assessment and evaluation so that students will get valuable inputs for the future enhancement and the panel of judges from industry.

An Identification of projects and allocation of Faculty Members

Identification of projects and allocation methodology is as below:

- A project coordinator is appointed by the Program coordinator who is responsible for planning, scheduling and execution of all the activities related to the project work.
- Project guidance session is arranged for final year students for selection of domain and project topics by the Project Coordinator during their practical hour in the department. Students are provided with brief idea of various fields for selecting the project.
- Domain Area of faculty is displayed on the notice board along with the list of previous year projects.
- Students form group according to their area of interest and announcement of project group formation is done through notice board.
- Program Coordinator along with project coordinators allocates the guides based on their domain, expertise and preferences given by students.

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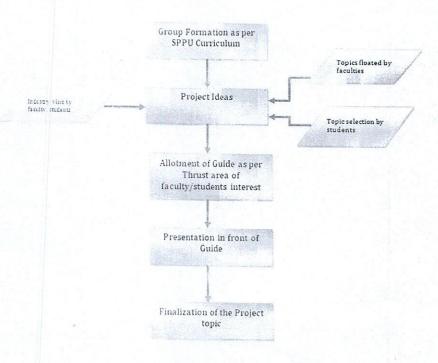


Figure Projects Identification and guide allocation process

- After allocation of project guide, students are requested to present their topic on more than two
 problem statements in front of guide.
- Students are instructed to submit the finalized project title to the project coordinator. Then
 finalized project synopsis duly signed by their concerned guide and Program Coordinator is
 submitted to Project coordinator.
- Time slot is assigned as a project day to carry out their project work.

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	Project Allocation Form	
Department	d Mechanical Engineering Academ	ic Year:
	Roll Name of Student	
Group No.		
· Protect	de Cooke Preferences (Write the name of Fact	ilty as per your
citotce	and Domain, Expertise of Faculty member)	Office of the second
1 Preference		
- Preference		
3 Profesenge		
4 Preference		
5 Theference		
	Proposed Project Tome Titles	
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Guidelines

- All the students are informed to form the groups of minimum 3 and maximum 4 students per group for project based on their common interest and as per the Cumulum of the university.
- Department has identified thrust areas in the field of Mechanical Engineering and provided to the students to select the project of their interest.
- After formation of the project groups, All the students need to submit the three proposed project ideas along with choice of the guidethrough forms and rubmit the form before deadline to the project coordinator.
- In case of conflictule to allocate faculty as project guide choice as the case then
 depending upon the average masks of the all students guides are allocated to groups
- Maximum 9 Students will be allocated to One Faculty member.
- · Fural topic title is confurmed after presentation of proposed project topics submitted.
- . The project coordinator extends support in project and the guide selection process.
- If any student fails to submit the guide allocation form before deadine than the guide will be allocated randomly and students group will also be created randomly.

For any Query contact to Project Coordinators.

Project Coordinator

HOD

Mechanical Engineering

Figure Projects Allocation form

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NUTAN MAHARASHTRA INSTT. OF ENGG. & TECH.



Academic Year:

2020-21

Project Stage Review Evaluation Sheet

Record No:

ACDM/R/071

Stage -I Review - I:

Expected Outcomes of Stage - I review: Students will be able to

1)develop problem statements and objectives of project through identifying gap between research /existing stems

2)analyze literature review

			(5)		Clear Understa	nding of	D.	
Group No.	Roll No.	Exam Seat No.	Project Diary (5)	Literature Study (5)	Problem - Statement (05)	Problem Objective &Scope Work) (05)	Presentation Skill (Delivery of Contents) (05)	Total Mark (25)
	BEMB	Bódke Aishwarya		V 42 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				
	103	Nandkumar	3	3	3	3	4	16
	BEMB 102	Yogita Vishwasrao Bhosale		3	3	3	4	16
01	BEMB 166	Mayur Rambhau Kakde	3	3	3	3	4	16
	BEMB 167	Sagar Balu Kadam	3	3	3	3	4	16
Comme Sasks for Revi	or Next	Add mor	e li-	teratu	ne sewi	ω.		
Name of Exa							Date:	

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NUTAN MAHARASHTRA INSTT. OF ENGG. & TECH.



Academic Year: 2020-21

Project Stage Review Evaluation Sheet

Record No:

ACDM/R/071

Stage -I Review-II:

Expected Outcomes of Stage - I review: Students will be able to

1) Develop a creative/innovative solution for problem statements defined.

2) Solve the problems using different analytical techniques or tools or methodologies.

			ıry		Clear Understan	ding of	Presentation	Total
Group No.	Roll No.	Exam Seat No.	Project Diary (05)	Literature Study (05)	Solution to The Problem Statement (05)	Methodology (proposed Work) (05)	Skill (Delivery of Contents) (05)	Mark (25)
01	BEM B103	Bodke Aishwarya Nandkumar	3	3	3	3	4	16
	BEM B102	Yogita Vishwasrao Bhosale	3	3	3	3	3	15
	BEM B166	Mayur Rambhau Kakde	3	3	3	3	4	16
	BEM B167	Sagar Balu Kadam	3	3	3	3	4	16

48	mments
11	d Tasks for
Ne	ext Review:

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Name & Sign of Examiner:

Date:

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Academic Year: 2020-21

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NUTAN MAHARASHTRA INSTT. OF ENGG. & TECH.



Record No:

ACDM/R/071

Project Stage Review Evaluation Sheet

				Clear	andling various tools a Understanding of		Presentation	10.00
Group No.	Roll No.	Exam Seat No.	Project Diary (5)	Literature Study(05)	Solution to the problem statement (15)	Results, Discussion and Conclusion of Simulation/ Analytical work (15)	f (Delivery of	Total Mark (50)
01	BEM B103	Bodke Aishwarya Nandkumar	5	5	14	13		45
	BEM B102	Yogita Vishwasrao Bhosale	5	5	14	13	3	40
	BEM B166	Mayur Rambhau Kakde	5	5	14	13	8	45
	BEM B167	Sagar Balu Kadam	5	5	14	13	5	42
Comm and Tasi Next Re	ks for	In	esult s	ection	, provide mo	me content fo	v your do	ata,

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Academic Year: 2020-21

Project Stage Review Evaluation Sheet

Record No: ACDM/R/071

	Same I		add?	the form of Clear	Understanding of	Results,	Presentation	Total
Grou No.		Experiment Work (10)	Validation of results (10)	Discussion and Conclusion of Simulation/ Analytical work (10)	Skill (Delivery of Contents) (15)	Mark (50)		
01	BEM B103	Bodke Aishwarya Nandkumar	5	10	9	8	13	45
	BEM B102	Yogita Vishwasrao Bhosale	5	9	8	8	13	43
	BEM B166	Mayur Rambhau Kakde	5	10	9	8	13	45
	BEM B167	Sagar Balu Kadam	5	9	8	8	12	42
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Project Coordinator

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HEAD OF THE DEPARTMENT

Nutan Maharashtra Inst. of Engg. & Tech

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