



## B.Tech. Projects Schedule and Evaluation

### Project Phase-I (Semester-I)

#### I. Schedule of Activities

Sr. No.	Name of the Activity	Duration	Evaluation
1.	Students Group Formation, preference form filling by students and supervisor allocation.	1 Week	-
2.	Literature Survey by the students and Title Finalization -Presentation-I	One and half month	15 Marks
3.	Design of the algorithm/algorithms for the proposed project work/ Architecture/ Model of the project work	One and half month	-
4.	Presentation-II before the dept. project evaluation committee ( <b>based on 3 above</b> )	End of semester	25 Marks
5.	Supervisor (Internal Evaluation) (Work done by student to the satisfaction level of supervisor).	-	10 Marks
	<b>Total</b>		<b>50 Marks</b>

#### II. Evaluation Details

Introductory Seminar for Project Title Finalization with detailed Literature Survey Seminar/Presentation-I		Marks			
Evaluation Parameters	Marks	$M_1(15)$	$M_n(15)$	$S(15)$	$(M_1+M_2+....+M_n+S)/n+1$
1. Identification of project /problem statement	5				
2. Literature survey	10				
		Marks out of 15			
Design of System/Algorithms Seminar/Presentation-II		Marks			
Evaluation Parameters	Marks	$M_1(25)$	$M_n(25)$	$S(25)$	$(M_1+M_2+....+M_n+S)/n+1$
1. Work done (Design / Algorithm/ Block Diagram)	10				
2. Presentation and Viva	5				
3. Novelty in the idea of the project	5				
4. Proposed Methodology	5				
		Marks out of 25			
<b>Total Marks Phase-I (Sem-I)</b>		<b>Presentation-I Marks (15) + Presentation-II Marks (25)</b>			
		<b>40 Marks</b>			

\* **Note:**  $M_1, M_2, ..., M_n$  denote Project Evaluation Committee members decided by HOD, S denotes supervisor, n is the number of members in the project evaluation committee.



## Project Phase-II (Semester-II)

### I. Schedule of Activities

Sr. No.	Name of the Activity	Duration	Evaluation
1.	Demonstration of project/system - Presentation-III (Dept. Evaluation)	2/3 months	35 Marks
2.	Outcome in terms of Technical paper/Patent/ Hackathon/Commercially Viable Product	End of the Semester	20 Marks
3.	Presentation-IV evaluation before the External Examiners	End of the Semester	30 Marks
4	Supervisor Evaluation	Continuous	15 Marks
<b>Total</b>			<b>100 Marks</b>

### I. Evaluation Details

I. Implementation/Simulation Seminar/Presentation-III (35)		Marks			
Evaluation Parameters	Marks	M <sub>1</sub> (35)	M <sub>n</sub> (35)	S(35)	(M <sub>1</sub> +M <sub>2</sub> +....+M <sub>n</sub> + S)/n+1
Demonstration of complete project/system with proper output. ( <b>Note:</b> Deployment is expected, if it is a product, else all the results with the comparative study is expected)					
a. Scope of the work set initially and Scope actually achieved	15				
b. Stages of Software Development Life Cycle (SDLC) Followed / Hardware implementation cycles / Evolutionary stages of project.	5				
c. Presentation and communication skills	10				
d. Viva	5				
		<b>Marks out of 35</b>			

II. Outcome based on the following parameters		Subject Marks	Max Marks	Marks Given
<b>1. Technical Paper Presentation/Publication</b> (One day before the date of first day of VIVA exam) ( The paper presented/published should be during the final year only)				
<b>A. Journal Publication</b>				
i.	Paper published in a SCI/SCIE indexed Journal	20		
ii.	Paper published in a Scopus Indexed Journal	15		
iii.	Paper published in journals indexed in ESCI / Book Chapter (indexed in SCOPUS)	10		
<b>B. Conference Paper Presentation</b> Guidelines for paper presented/accepted in i, ii and iii. a. Conference Edition >=2: Presented/Registration paid=100% *; Only accepted=80% b. Conference Edition = 1: Presented/Registration paid= 60%; Only accepted= 40% <b>* Marks out of total marks given for Conference Paper Presentation.</b>				
i.	General conference organized by IIT/IISc/NIT/IIIT	10		
ii.	Students conference organized by IIT/IISc/NIT/IIIT	10		
iii.	Conferences of any CFTI/Institutes of eminence	10		



iv. General Conferences anywhere (other than i,ii and iii listed above) with edition $\geq 10$ (Presented/Registration paid=100%; Only accepted=90%)	10	20	
v. General Conferences anywhere with edition $< 10$ (Presented/Registration paid=100%; Only accepted=90%)	07		
<b>2. Patent Publication</b>			
i. Patents filed	05		
ii. Patents published	12		
iii. Patent publication in the Examination Phase	15		
iv. Patent granted	20		
<b>3. Hackathon Participation/Prize</b>			
International/National Hackathon organized by Govt./Eminent Institutes/Industry			
a. 1 <sup>st</sup> Prize	10		
b. 2 <sup>nd</sup> Prize	8		
c. 3 <sup>rd</sup> Prize	7		
d. Clearing round 1	5		
<b>4. Commercially Viable Product *</b>			
a. The letter of intent received from the organization for the possible product deployment.	05		
b. Funding received from the partner organization	10		
c. Demonstration of Final Product Deployment	20		
<b>Marks out of 20</b>			

\*For point no. 4 (Commercially Viable Product) and in case the students have Non-disclosure Agreement (NDA) with an Industry for a sponsored project, the Internal Project Committee would evaluate the performance of that group for 20 Marks.

III. Final Project Presentation (Seminar/Presentation-IV) to the External Examiner Committee (End of Semester) Seminar/Presentation-III (30)		Marks			
Evaluation Parameters	Marks	M1(30)	M2(30)	Mn(30)	(M1+M2+.... +Mn /n+1
Demonstration of complete project/system with proper output to External Examiners					
a. Presentation and Communication Skills	10				
b. Novelty in the project/system developed	10				
c. Viva	10				
		<b>Marks out of 30</b>			



IV. Supervisor Evaluation (15)	
Evaluation Parameters	Marks
Work done by student to the satisfaction level of supervisor	
a. Regular reporting and presentation to the supervisor	5
b. Evaluation of thesis	5
c. Work done	5
<b>Total Marks</b>	<b>15</b>

**Allotment of Project Groups:** Based on preference in the order of area of research for supervisors.  
(Groups are formed to ensure uniform distribution of students with different grades)