

**P.E.S. COLLEGE OF ENGINEERING, MANDYA**  
(An Autonomous Institution)

**Bachelor of Engineering**

Scheme of Teaching and Examination [CBCS with OBE]

I Semester B.E.		Scheme of Teaching and Examination				Physics Group				
Sl. No	Course Code	Course	Teaching Department	Board	Hrs/Week	Credits	Examination Marks			
					L:T:P:H #		CIE	SEE	Total	
1.	P17MA11	Engineering Mathematics-I	MA	MA	3:2:0:5	4	50	50	100	
2.	P17PH12	Engineering Physics	PH	PH	4:0:0:4	4	50	50	100	
3.	P17CV13	Engineering Mechanics	CV	CV	4:0:0:4	4	50	50	100	
4.	P17ME14	Elements of Mechanical Engineering	ME	ME	4:0:0:4	4	50	50	100	
5.	P17EE15	Basic Electrical Engineering	EE	EE	4:0:0:4	4	50	50	100	
6.	P17MEL16	Basic Mechanical Engg. Science Lab	ME/AE	ME/AE	0:0:3:3	1.5	50	50	100	
7.	P17PHL17	Engineering Physics Lab	PH	PH	0:0:3:3	1.5	50	50	100	
8	P17HU18	Effective Communication Development. (ECD)	HM	HM	2:0:0:2	1	50	50	100	
9	P17HM19	*Indian Constitution, Human Rights & Professional Ethics(ICHRPE)	HM	HM	2:0:0:2	0	---	--	--	
Total						24	400	400	800	
MA : Mathematics; PH : Physics; AE: Automobile Engineering ; CV :Civil Engg; ME : Mech, Engg; EE: E & E Engg; HM : Humanities, Social Science & Management										
* ICHRPE/Language (Kannada) :- Students shall have to pass these Mandatory Learning Course/s before completion of IV Semester										

I Semester B.E.		Scheme of Teaching and Examination				Chemistry Group				
Sl. No	Course Code	Course	Teaching Department	Board	Hrs/Week	Credits	Examination Marks			
					L:T:P:H #		CIE	SEE	Total	
1.	P17MA11	Engineering Mathematics-I	MA	MA	3:2:0:5	4	50	50	100	
2.	P17CH12	Engineering Chemistry	CH	CH	4:0:0:4	4	50	50	100	
3.	P17CS13	Computer Concepts & C Programming	CS	CS	4:0:0:4	4	50	50	100	
4.	P17MED14	Computer Aided Engineering Drawing	ME	ME	2:0:4:6	4	50	50	100	
5.	P17EC15	Basic Electronics	EC	EC	4:0:0:4	4	50	50	100	
6.	P17CSL16	Computer Programming Lab	CS	CS	0:0:3:3	1.5	50	50	100	
7.	P17CHL17	Engineering Chemistry Lab	CH	CH	0:0:3:3	1.5	50	50	100	
8	P17HU18	Effective Communication Development.(ECD)	HM	HM	2:0:0:2	1	50	50	100	
9.	P17EV19	*Environmental Studies	EV	EV	2:0:0:2	0	---	--	--	
10	P17HM110	* Language (Kan.)	HM	HM	2:0:0:2	0	---	--	--	
Total						24	400	400	800	
MA : Mathematics; CH : Chemistry; CV :Civil Engg; ME : Mech, Engg; EC: E & C Engg; Environmental Engineering; HM : Humanities, Social Science & Management										
*Env. Studies /Language (Kannada):- Students shall have to pass these Mandatory Learning Course/s before completion of IV- Semester										

# L- Lecture, T-Tutorial, P- Practical, H- Total hours; CIE: Continuous Internal Evaluation; SEE: Semester End Examinations

P.E.S. COLLEGE OF ENGINEERING, MANDYA (An Autonomous Institution) SCHEME OF TEACHING AND EXAMINATION									
II Semester B.E.						Physics Group			
Sl. No	Course Code	Course	Teaching Department	Board	Hrs/Week L:T:P:H #	Credits	Examination Marks		
							CIE	SEE	Total
1.	P17MA21	Engineering Mathematics-II	MA	MA	3:2:0:5	4	50	50	100
2.	P17PH22	Engineering Physics	PH	PH	4:0:0:4	4	50	50	100
3.	P17CV23	Engineering Mechanics	CV	CV	4:0:0:4	4	50	50	100
4.	P17ME24	Elements of Mechanical Engineering	ME	ME	4:0:0:4	4	50	50	100
5.	P17EE25	Basic Electrical Engineering	EE	EE	4:0:0:4	4	50	50	100
6.	P17MEL26	Basic Mechanical Engg. Science Lab	ME/AE	ME/AE	0:0:3:3	1.5	50	50	100
7.	P17PHL27	Engineering Physics Lab	PH	PH	0:0:3:3	1.5	50	50	100
8	P17HU28	Professional Communication Development(PCD)	HM	HM	2:0:0:2	1	50	50	100
9.	P17HM29	*Indian Constitution, Human Rights & Professional Ethics(ICHRPE)	HM	HM	2:0:0:2	0	---	--	--
Total						24	400	400	800
MA : Mathematics; PH : Physics; AE: Automobile Engineering ; CV :Civil Engg; ME : Mech, Engg; EE: E & E Engg; HM ; Humanities, Social Science & Management									
*ICHRPE/Language (Kannada) :- Students shall have to pass these Mandatory Learning Course/s before completion of IV Semester									

P.E.S. COLLEGE OF ENGINEERING, MANDYA (An Autonomous Institution) SCHEME OF TEACHING AND EXAMINATION									
II Semester B.E.						Chemistry Group			
Sl. No	Course Code	Course	Teaching Department	Board	Hrs/Week L:T:P:H #	Credits	Examination Marks		
							CIE	SEE	Total
1.	P17MA21	Engineering Mathematics-II	MA	MA	3:2:0:5	4	50	50	100
2.	P17CH22	Engineering Chemistry	CH	CH	4:0:0:4	4	50	50	100
3.	P17CS23	Computer Concepts & C Programming	CS	CS	4:0:0:4	4	50	50	100
4.	P17MED24	Computer Aided Engineering Drawing	ME	ME	2:4:0:6	4	50	50	100
5.	P17EC25	Basic Electronics	EC	EC	4:0:0:4	4	50	50	100
6.	P17CSL26	Computer Programming Lab	CS	CS	0:0:3:3	1.5	50	50	100
7.	P17CHL27	Engineering Chemistry Lab	CH	CH	0:0:3:3	1.5	50	50	100
8	P17HU28	Professional Communication Development(PCD)	HM	HM	2:0:0:2	1	50	50	100
9.	P17EV29	*Environmental Studies	EV	EV	2:0:0:2	0	---	--	--
10	P17HM210	* Language (Kan.)	HM	HM	2:0:0:2	0	---	--	--
Total						24	400	400	800
MA : Mathematics; CH : Chemistry; CV :Civil Engg; ME : Mech, Engg; EC: E & C Engg; Environmental Engineering; HM ; Humanities, Social Science & Management									
*Env. Studies/ Language (Kan.) :- Students shall have to pass these Mandatory Learning Course/s before completion of IV- Semester									

Evaluation Scheme - CIE						
Weightage	Marks	Event Break Up				
50%	50	Test I	Test II	Quiz I	Quiz II	Assignment
		35	35	5	5	10
Minimum marks [Courses of I to VIII semesters] to be scored by the student in CIE is 50% of maximum marks						

Evaluation Scheme-SEE				
Weightage	Max. Marks	Scheme of SEE Question Paper		
50%	100	Duration: 3Hrs.	Questions to Set: 10	Questions to Answer: 5
<ul style="list-style-type: none"> <li>Each of the two full questions set / unit shall be so comprehensive as to cover the entire contents of the unit.</li> <li>There will be direct choice between the two questions within each Unit</li> <li>Total questions to be set are 10. All full questions carry equal marks of 20</li> <li>The no. of subdivisions in each main question shall be limited to three only</li> <li>No. of questions to be answered by students is 5 full questions.</li> </ul>				
Minimum marks [Courses of I to VIII semesters]to be scored by the student is 40% of maximum marks.				

**Note:** Evaluation for MLC Courses will be based on an assignment and CIE for 50 marks and not on the basis of Semester End Examination (SEE).

P.E.S. COLLEGE OF ENGINEERING, MANDYA (An Autonomous Institution) Scheme of Teaching and Examination								
III Semester B.E. (XXX)								
Sl. No.	Course Code	Course Title	Teaching Dept.	Hrs/Week L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17MAT31	Core Course I – Engineering Mathematics-III	Maths	3:2:0:5	4	50	50	100
2.	P17xx32	Core Course II	XXX	4:0:0:4	4	50	50	100
3.	P17xx33	Core Course III	XXX	4:0:0:4	4	50	50	100
4.	P17EC34	Core Course IV	XXX	4:0:0:4	4	50	50	100
5.	P17xx35	Core Course V	XXX	4:0:0:4	4	50	50	100
6.	P17xx36	Core Course VI	XXX	4:0:0:4	3	50	50	100
7.	P17xxL37	Laboratory I	XXX	0:0:3:3	1.5	50	50	100
8.	P17xxL38	Laboratory II	XXX	0:0:3:3	1.5	50	50	100
9	P17HUDIP39	Comprehensive Communication Development(CCD)	HS & M	2:0:0:2	[2]	[50]	[50]	[100]
10	P17HU39	**Aptitude and Reasoning Development - BEGINNER (ARDB)	HS&M	2:0:0:2	0	(50)	--	--
12	P17HUDIP310	* Indian Constitution, Human Rights & Professional Ethics	Human & Science	2:0:0:2	0	--	---	---
13	P17MADIP31	*Additional Maths-I	Maths	4:0:0:4	0	--	---	---
Total					26[28]	400[450]	400[450]	800[900]
* <b>Additional Mathematics-I &amp; Constitution of India and Professional Ethics : Lateral entry students shall have to pass these mandatory learning courses before completion of VI- Semester</b>								
** <b>ARDB: All students shall have to pass this mandatory learning courses before completion of VI- Semester</b>								

P.E.S. COLLEGE OF ENGINEERING, MANDYA (An Autonomous Institution) Scheme of Teaching and Examination								
IV Semester B.E. (XXX)								
Sl. No.	Course Code	Course Title	Teaching Dept.	Hrs/Week L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17MAAC41+/ P17MAES41++	Core Course I – Engineering Mathematics-IV	Maths	3:2:0:5	4	50	50	100
2.	P17xx42	Core Course II	XXX	4:0:0:4	4	50	50	100
3.	P17xx43	Core Course III	XXX	4:0:0:4	4	50	50	100
4.	P17xx44	Core Course IV	XXX	4:0:0:4	4	50	50	100
5.	P17xx45	Core Course V	XXX	4:0:0:4	4	50	50	100
6.	P17xx46	Core Course-VI	XXX	4:0:0:4	3	50	50	100
7.	P17xxL47	Laboratory I	XXX	0:0:3:3	1.5	50	50	100
8.	P17xxL48	Laboratory II	XXX	0:0:3:3	1.5	50	50	100
9	P17HU49	Aptitude and Reasoning Development – Intermediate (ARDI)	HS&M	2:0:0:2	1	50	50	100
10	P17EVDIP410	*Environmental Studies	ENV	2:0:0:2	0	--	--	--
11	P17MADIP41	*Additional Maths-II	Maths	4:0:0:4	0	--	--	--
Total					27	450	450	900
* <b>Additional Mathematics-II &amp; Environmental Studies: Lateral entry students shall have to pass these mandatory learning courses before completion of VI- Semester</b>								
+ Common to BE (AU, CV, ME and I&PE)				++ Common to BE (CS, EC, E&E and IS&E)				

P.E.S. COLLEGE OF ENGINEERING, MANDYA (An Autonomous Institution) Scheme of Teaching and Examination								
V Semester B.E. (XXX)								
Sl. No.	Course Code	Course Title	Teaching Dept.	Hrs/Week L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17xx51	Core Course I	xxx	4:0:0:4	4	50	50	100
2.	P17xx52	Core Course II	xxx	4:0:0:4	4	50	50	100
3.	P17xx53	Core Course III	xxx	4:0:0:4	4	50	50	100
4.	P17xx54	Foundation Course-I	xxx	4:0:0:4	4	50	50	100
5.	P17xx55X	Foundation Elective	xxx	4:0:0:4	3	50	50	100
6.	P17xx56X	Elective-I	xxx	4:0:0:4	3	50	50	100
7.	P17xxL57	Laboratory I	xxx	0:0:3:3	1.5	50	50	100
8.	P17xxL58	Laboratory II	xxx	0:0:3:3	1.5	50	50	100
9.	P17xx59	Industry Visit & Interaction	xxx	0:0:2:2	1	50	--	50
10.	P17xx510	Aptitude and Reasoning Development -Advanced. (ARDA)	HS&M	2:0:0:2	1	50	50	100
Total					27	500	450	950

List of Electives					
Foundation Elective			Elective - 1		
Sl. No	Course Code	Course title	Sl. No.	Course Code	Course title
1.	P17xx551	Foundation Elective-I- 1	1.	P17xx561	Elective I- 1
2.	P17xx552	Foundation Elective-I- 2	2.	P17xx562	Elective I- 2
3.	P17xx553	Foundation Elective-I- 3	3.	P17xx563	Elective I- 3
4.	P17xx554	Foundation Elective-I- 4	4.	P17xx564	Elective I- 4

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VI Semester B.E. (XXX)								
Sl. No	Course Code	Course Title	Teaching Dept.	Hrs/Week L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17xx61	Core Course I	xxx	4:0:0:4	4	50	50	100
2.	P17xx62	Core Course II	xxx	4:0:0:4	4	50	50	100
3.	P17xx63	Core Course III	xxx	4:0:0:4	4	50	50	100
4.	P17xx64	Foundation Course-II	xxx	4:0:0:4	4	50	50	100
5.	P17xx65X	Elective-II	xxx	4:0:0:4	3	50	50	100
6.	P17xxL66X	Elective-III	xxx	4:0:0:4	3	50	50	100
7.	P17xxL67	Laboratory I	xxx	0:0:3:3	1.5	50	50	100
8.	P17XX68	Laboratory II	xxx	0:0:3:3	1.5	50	50	100
9.	P17xx69	Mini Project	xxx	0:0:2:2	1	50	--	50
10.	P17xx610	Aptitude and Reasoning Development - Expert (ARDE)	HS&M	2:0:0:2	1	50	50	100
Total					27	500	450	950

List of Electives					
Elective-II			Elective - III		
Sl. No	Course Code	Course title	Sl. No.	Course Code	Course title
1.	P17xx651	Elective-II- 1	1.	P17xx661	Elective III - 1
2.	P17xx652	Elective-II- 2	2.	P17xx662	Elective III - 2
3.	P17xx653	Elective-II- 3	3.	P17xx663	Elective III - 3
4.	P17xx654	Elective-II- 4	4.	P17xx664	Elective III - 4

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Scheme of Teaching and Examination

**VII Semester B.E. (XXX)**

Sl No.	Course Code	Course Title	Teaching Dept.	Hours Pattern L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17xx71	Core Course I	xxx	4:0:0:4	4	50	50	100
2.	P17xx72	Core Course II	xxx	4:0:0:4	4	50	50	100
3.	P17xx73	Core Course III	xxx	4:0:0:4	4	50	50	100
4.	P17xx74X	Elective-IV	xxx	4:0:0:4	3	50	50	100
5.	P17xxO75X	Open Elective-I	xxx	4:0:0:4	3	50	50	100
6.	P17xxL76	Laboratory I	xxx	0:0:3:3	1.5	50	50	100
7.	P17xxL77	Laboratory II	xxx	0:0:3:3	1.5	50	50	100
8.	P17xx78	Project Work Phase - I	xxx	0:0:4:2	2	--	50	50
Total					23	350	400	750

**List of Electives**

Elective - 4			Open Elective - 1		
Sl. No.	Course Code	Course title	Sl. No.	Course Code	Course title
1.	P17xx741	Elective 4-1	1.	P17xxO751	Open Elective 1-1
2.	P17xx742	Elective 4-2	2.	P17xxO752	Open Elective 1-2
3.	P17xx743	Elective 4-3	3.	P17xxO753	Open Elective 1-3
4.	P17xx744	Elective 4-4	4.	P17xxO754	Open Elective 1-4

**P.E.S. COLLEGE OF ENGINEERING, MANDYA**  
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Scheme of Teaching and Examination

**VIII Semester B.E. (XXX)**

Sl No.	Course Code	Course Title	Teaching Dept.	Hours Pattern L:T:P:H	Total Credit	Examination Marks		
						CIE	SEE	Total
1.	P17xx81	Core Course I	xxx	4:0:0:4	3	50	50	100
2.	P17xx82X	Elective-V	xxx	4:0:0:4	3	50	50	100
3.	P17xx83X	Elective-VI	xxx	4:0:0:4	3	50	50	100
4.	P17xxO84X	Open Elective-II	xxx	4:0:0:4	3	50	50	100
5.	P17xx85	Project Work Phase - II	xxx	0:0:16:16	8	50	100	150
6.	P17xx86	Internship	xxx	-	2	50	50	100
Total					22	300	350	650

**List of Electives**

Elective - 5			Elective - 6			Open Elective - 2		
Sl. No.	Course Code	Course title	Sl. No.	Course Code	Course title	Sl. No.	Course Code	Course title
1.	P17xx821	Elective 5-1	1.	P17xx831	Elective 6-1	1.	P17xxO841	Open Elective 2-1
2.	P17xx822	Elective 5-2	2.	P17xx832	Elective 6-2	2.	P17xxO842	Open Elective 2-2
3.	P17xx823	Elective 5-3	3.	P17xx833	Elective 6-3	3.	P17xxO843	Open Elective 2-3
4.	P17xx824	Elective 5-4	4.	P17xx834	Elective 6-4	4.	P17xxO844	Open Elective 2-4

1. **Core Course:** This is the course which is to be compulsorily studied by a student as a core requirement to complete the requirement of a programme in a said discipline of study.
2.
  - a. **Foundation Course:** The course based upon the content that leads to Knowledge enhancement.
  - b. **Foundation Elective:** Elective Foundation courses are value-based and are aimed at man-making education.
3. **Elective:** This is the course, which can be chosen from the pool of papers. It may be supportive to the discipline / providing extended scope/ Enabling an Exposure to some other discipline domain / nurturing student proficiency skills.
4. **Internship:** The Internship shall be completed during the period specified in the Scheme of Teaching and Examination.
  - I. The students admitted for the Academic Year 2017-18 shall undergo **EIGHT weeks Internship** or **FOUR weeks Internship** along with minimum **EIGHT weeks NPTEL Course** during the vacation period of **V-VI semester** and / or **VI-VII Semester** and / or **VII-VIII Semester**.
  - II. The internship can be carried out in any **Industry / R & D Organization / Research institute / Educational institute of repute / Internshala (AICTE MoU Internships / Hands-on-Training by the concerned department or by the Training & Placement Cell**.
  - III. The Department shall nominate staff members to facilitate guide and supervise students for internship.
  - IV. The Internal Guide has to visit place of internship at least once during the student's Internship to assess the progress of work.

**OR**

The students shall report the progress of the internship to the guide in regular intervals and seek his / her advice.

  - V. After the completion of Internship the students shall submit a report in **VIII semester** to the Head of the Department with the approval of their guide.
  - VI. There will be **50 marks of CIE (Seminars: 25, Internship report: 25)** and **50 marks for Viva Voce conducted during Semester End Examination (SEE) of VIII Semester**. For the conduction of Internship Semester End Examination following instructions are issued:
    - a. The semester End Examination (SEE) for 50 marks shall be conducted similar to final semester project work / lab examinations.
    - b. Internal and External Examiners shall be appointed by the BOE Chairman in consultation with HOD and approval of the same by the Principal and Controller of Examination.
    - c. External Examiner may be from the industry
    - d. If the External Examiner from the industry is not available, alternative arrangements shall be made by the BOE Chairman by appointing a faculty from out of the faculty of the department, wherein the student is studying.
  - VII. The students are permitted to carry out the internship anywhere in India.
  - VIII. **Failing to undergo Internship:** Internship is one of the head for obtaining degree, therefore completion of internship is mandatory.
5. **Open Elective:** The course offered by a competent department/discipline of specialization in order to help a candidate of any other discipline to gain knowledge and reasonable extent of expertise in an area, wherein the student wishes to acquire some support for development in either of his own

academic or research interests, etc. As such the course content shall be simple enough to be understood by interdisciplinary candidates. An Open Elective will be offered by a hosting department, to other departments in a given semester. Such a course shall be introduced during 7<sup>th</sup> and 8<sup>th</sup> Semester of Bachelors Program. (10-12 Courses/Semester shall be offered to other disciplines from 5 hosting streams [CS, CE, E & E, ME, MBA/MCA] having an elementary Syllabus designed).

#### 6. Self study component:

- Self study component shall be the additional part of each unit and must not be included in the actual content of five units syllabus.
- Assignment shall be reduced to 5 marks from 10 marks and the remaining 5 marks shall be part of the self study component
- The self study component evaluation process is based on the type of content in the course which may be finalised based on either program execution/ Hardware demonstration/ seminar/ viva voce. It shall be considered for only CIE.

List of Courses Pertaining to Mandatory Learning, Soft Skills & Personality Development, Industry Institute Interaction and Mini Project

Mandatory Learning Courses (MLC) & one credit courses of BE Program (2015-16)									
SL.No.	Sem	Course Code	Title	Credits	SL.No.	Sem	Course Code	Title	Credits
1.	I & II	P17HU18	Effective Communication Development. (ECD)	1	10.	IV	P17HU49	Aptitude and Reasoning Development – INTERMEDIATE (ARDI)	1
2.		P17HU28	Professional Communication Development(PCD)	1	11.		P17MADIP41	Additional Maths-II	0
3.		P17EV19/29	Environmental Studies	0	12.		P17EVDIP410	Environmental Studies	0
4.		P17HM110/210	Language (Kan.)	0	13.	V	P17xx59	Industry Interaction	1
5.		P17HM19/29	Indian Constitution, Human Rights& Professional Ethics(ICHRPE)	0	14.		P17xx510	Aptitude and Reasoning Development – Advanced. (ARDA)	1
6.	III	P17HU39	Aptitude and Reasoning Development - Beginner (ARDB)	0	15.	VI	P17xx610	Aptitude and Reasoning Development – Expert(ARDE)	1
7.		P17MADIP31	Additional Maths-I	0	16.		P17HU69	Mini Project	1
8.		P17HUDIP39	Comprehensive Communication Development(CCD)	[2]					
9.		P17HMDIP310	Indian Constitution, Human Rights& Professional Ethics(ICHRPE)	0					

Guidelines proposed for the conduction and evaluation of the **Industry Interaction** and **Mini Projects** (One credit courses) are as follows-

#### 1. Industry Interaction:

- To provide minimum of two activities, such as Industry/Field visit, Technical talk/Seminar

during V semesters.

- b) Two faculty members shall be assigned as Coordinators for arranging and monitoring the industry related activities.
- c) Student shall submit a write up on the activities attended/held during the semester, (minimum of 10 A4 pages).
- d) The Internal Assessment marks (CIE) shall be based on the evaluation as per the guidelines at the end of the semester by a committee consisting of Head of the concerned department, two senior teachers of the department, one of them may be the internal guide.

## 2. Mini Projects:

- a) To provide 2hrs/week for Mini Projects during VI Sem BE programs.
- b) Mini Projects shall comprise of an exercise assigned to a batch of students similar to major projects.
- c) The topics may be related to technological, sociological issues.
- d) A report (not less than 20 A4 pages) to be submitted, detailing the solution to the problem/concept worked out during the semester.
- e) The work may be evaluated for award of Internal Assessment marks (CIE) based on a presentation/demonstration and viva voce, by a committee coordinated by the Course coordinators.

## **PROJECT WORK**

1. The Project Work (Phase I+ Phase II) carries 10 credits (2 credits+8 credits) and spreads over TWO semesters, i.e. during 7th and 8th semesters. The topic and title of the project shall be chosen by the candidate in consultation with the guide and co-guide (if any) during the seventh semester itself. However, modification of only the title but not the field of work is permitted at the time of final submission of project report during the eighth semester.
2. The project work shall be carried out by candidate(s) independently/in a group (maximum of four) during the seventh and eighth semester under the guidance of one of the faculty members of the Department of study. If the project work is of inter-disciplinary nature, a co-guide shall be taken from the same or any other relevant Department. If a project work has to be carried out in any industry / factory / organization, outside the campus, the permission for the same and the name of co-guide at any of these organizations shall be intimated to the authorities at the beginning of seventh semester by the Head of the Department.
3. The weekly progress of the Project work shall be monitored and reviewed by the Project Guide assigned by DUGC. The method of evaluation, including intermediate assessment shall be evolved by the pertinent DUGC.
4. The extent of work (mandatory) to be completed for Project Work - Phase I is synopsis, Introduction, Literature survey, Objective and Methodology of the approved Project work.
5. The Assessment marks (SEE) in the case of Project Work - Phase I, shall be based on the evaluation at the end of the 7th semester by a committee consisting of Head of the concerned department, two senior faculty members of the department, one of them may be the internal guide. The work may be evaluated for award of Assessment marks (SEE) based on a Report [comprising of synopsis, Introduction, Literature survey, Objective and Methodology], presentation and viva voce, by the committee.
6. A candidate shall submit N+3 (No. of candidates+3) copies of the Report of the Project Work to Head, DUGC on or before the specified date. The report shall be in the format prescribed by the Institute. The candidate shall submit a report of the project work (dissertation) duly approved by the guide and co-guide. The project report shall be countersigned by the guide, co-guide (if any) and the Head of the Department
7. The last date for the submission of Report shall be Two weeks before the closure of the semester in which the project work credits have been registered for and is expected to be completed or as announced by the COE. The date of submission of the dissertation may be extended up to a maximum



of eight academic years, from the date of commencement of the first semester in which the candidate has taken admission to the course.

8. The final evaluation (CIE & SEE) for Project Work - Phase II is done by a Project Work Evaluation Committee (PWEC) constituted by the pertinent DUGC. There shall be an open seminar followed by a viva – voce examination as part of the final evaluation. After the final evaluation, appropriate letter grade is awarded.
9. If in the opinion of the PWEC, the Project Report is acceptable with minor modifications for the minimum passing grade 'E'(Fair) in the case of project, the PWEC shall value and instruct the candidate suitably to incorporate the necessary modifications and to resubmit it to the Chairman, PWEC. After such resubmission, the Chairman, PWEC will certify that the necessary modification has been incorporated.
10. The title of the Project Report shall be indicated in the Student Progress Report.
11. The Assessment marks in case of Project Work - Phase II and seminar shall be based on the evaluation, as per the guidelines, at the end of the 8th semester by a committee consisting of Head of the concerned department, two senior faculty members of the department (one of them may be the internal guide).
12. The Assessment marks sheet shall bear the signature of all those concerned, along with the date and seal of the Principal.