



## 1.3.2. - Upload Additional information

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# Curriculum related Industrial visit/Training and Project Work

*me*  
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Rajiv Gandhi College of Engineering & Technology  
Pondy Cuddalore Main Road,  
Kirumampakkam, Puducherry 607 402

**Bachelor of Technology  
B.Tech., Biomedical Engineering  
Revised  
Regulations, Curriculum & Syllabus**

**Effective from the academic year 2013-2014**

of

**PONDICHERRY UNIVERSITY  
PUDUCHERRY – 605 014.**

  
**Dr. E. VIJAYAKRISHNA RAPAKA**  
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**SEMESTER VII**

CODE	SUBJECT	PERIODS			CREDITS	MARKS		
		L	T	P		IA	UE	TM
<b>THEORY</b>								
BM T71	BIOMATERIALS AND ARTIFICIAL ORGANS	4	0	0	4	25	75	100
BM T72	DIGITAL IMAGE PROCESSING	3	1	0	4	25	75	100
BM E73	ELECTIVE-III	4	0	0	4	25	75	100
BM E74	ELECTIVE-IV	4	0	0	4	25	75	100
<b>PRACTICAL</b>								
BM P71	DIGITAL IMAGE PROCESSING LAB	0	0	3	2	50	50	100
BM P72	SEMINAR	0	0	3	1	100	-	100
BM P73	INDUSTRIAL VISIT/TRAINING	0	0	3	1	100	-	100
BM PW7	PROJECT WORK PHASE-I	0	0	3	4	100	-	100
<b>TOTAL</b>		15	1	12	24	450	350	800

**SEMESTER VIII**

CODE	SUBJECT	PERIODS			CREDITS	MARKS		
		L	T	P		IA	UE	TM
<b>THEORY</b>								
BM T81	PROFESSIONAL ETHICS PRACTICE	3	-	-	1	100	-	100
BM T82	HOSPITAL SAFETY AND MANAGEMENT	4	0	0	4	25	75	100
BM T83	BIOMECHANICS	4	0	0	4	25	75	100
BM E84	ELECTIVE-V	4	0	0	4	25	75	100
<b>PRACTICAL</b>								
BM P81	COMPREHENSIVE VIVA -VOCE	-	-	-	1	50	50	100
BM PW8	PROJECT WORK PHASE-II	0	0	6	8	50	50	100
<b>TOTAL</b>		15	0	6	22	275	325	600

**TOTAL CREDITS**

228

**Dr. E. VIJAYAKRISHNA RAPAKA**

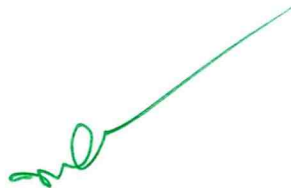
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Code	Subject Name	Lectures (Periods)	Tutorial (Periods)	Practical (Periods)
BM P73	INDUSTRIAL VISIT TRAINING	0	0	0

- During the course of study from 3rd to 7th semester each student is expected to undertake a minimum of four industrial visits or undertake a minimum of two weeks of industry/field training. The students are expected to submit a report, which shall be evaluated by an internal assessment committee at the end of seventh semester for 100 marks.



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Code	Subject Name	Lectures (Periods)	Tutorial (Periods)	Practical (Periods)
BM PW7	PROJECT WORK (PHASE-I)	0	0	3

- The objective of the project is to enable the students to work in groups of not more than four members in each group on a project involving analytical, experimental, design or combination of these in the area of Electronics and Instrumentation Engineering. Each project shall have a guide. The student is required to do literature survey, formulate the problem and form a methodology of arriving at the solution of the problem. The evaluation is based on continuous internal assessment by an internal assessment committee for 100 marks.

  
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Code	Subject Name	Lectures (Periods)	Tutorial (Periods)	Practical (Periods)
<b>BM PW8</b>	<b>PROJECT WORK (PHASE II)</b>	<b>0</b>	<b>0</b>	<b>3</b>

Extension and completion of project work started in the previous semester. On completion of the project work, each student has to prepare a project report and submit the same to the department. In the Phase II, the project work and the report will be evaluated by the internal assessment committee for a total of 50 marks. The external university examination, which carries a total of 100 marks, will have report evaluation and viva voce examination conducted by a committee of one external examiner and one internal examiner appointed by the University.

  
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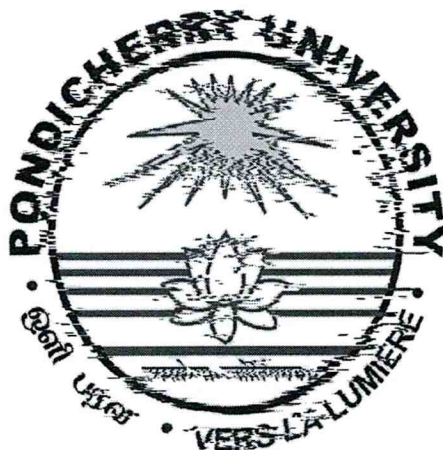
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**PONDICHERRY UNIVERSITY**



**Bachelor of Technology  
COMPUTER SCIENCE AND ENGINEERING**

**Revised  
Regulations, Curriculum & Syllabus  
(for all semesters)  
Effective from the academic year 2013-2014**

**PONDICHERRY UNIVERSITY  
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**VII Semester**

Code No.	Name of the Subjects	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
CS T71	Artificial Intelligence	3	1	-	4	25	75	100
CS T72	Computer Hardware and Network Trouble Shooting	3	1	-	4	25	75	100
CS T73	Platform Technology	3	1	-	4	25	75	100
	Elective-III	3	1	-	4	25	75	100
	<b>Practical</b>							
CS P71	Artificial Intelligence Laboratory	-	-	3	2	50	50	100
CS P72	Troubleshooting Laboratory	-	-	3	2	50	50	100
CS P73	Platform Technology Laboratory	-	-	3	2	100	-	100
CS PW7	Project Work – Phase I	-	-	6	6	200	-	200
	<b>Total</b>	<b>12</b>	<b>4</b>	<b>15</b>	<b>28</b>	<b>500</b>	<b>400</b>	<b>900</b>

**VIII Semester**

Code No.	Name of the SubjCSts	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
CS T81	Professional Ethics	-	-	3	1	100	-	100
CS T82	Engineering Economics and Management	3	1	-	4	25	75	100
CS T83	Information Security	3	1	-	4	25	75	100
	Elective - IV	3	1	-	4	25	75	100
	Elective-V	3	1	-	4	25	75	100
	<b>Practical</b>							
CS P81	Seminar	-	-	3	1	100	-	100
CS P82	Comprehensive Viva-Voce	-	-	3	1	100	-	100
CS PW8	Projects Work – Phase II	-	-	6	8	300	300	600
	<b>Total</b>	<b>12</b>	<b>4</b>	<b>15</b>	<b>27</b>	<b>700</b>	<b>600</b>	<b>1300</b>

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**Regulations and Curriculum**  
**for**  
**B. Tech. Electronics and Communication**  
**Engineering**  
**2014-2015**

  
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### VII Semester

Code No.	Name of the Subjects	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
EC T71	Microwave and Optical Engineering	3	1	-	4	25	75	100
EC T72	Embedded Systems	4	-	-	4	25	75	100
	Elective-III	4	-	-	4	25	75	100
	Elective-IV	4	-	-	4	25	75	100
	<b>Practical</b>							
EC P71	Communication Laboratory- III	-	-	3	2	50	50	100
EC P72	Embedded Systems Laboratory	-	-	3	2	50	50	100
EC P73	Seminar	-	-	3	1	100	-	100
EC P74	Industrial Visit/Training	-	-	-	1	100	-	100
EC PW7	Project Work-I	-	-	6	4	100	-	100
	<b>Total</b>	15	1	15	26	500	400	900

### VIII Semester

Code No.	Name of the Subjects	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
EC T81	Professional Ethics	3	-	-	1	100	-	100
ECT82	Industrial Management and Engineering Economics	4	-	-	4	25	75	100
	Elective-V	4	-	-	4	25	75	100
	Elective-VI	4	-	-	4	25	75	100
	<b>Practical</b>							
EC P81	Advanced Communication Laboratory	-	-	3	2	50	50	100
EC P82	Comprehensive Viva	-	-	3	1	50	50	100
EC PW8	Project Work-II	-	-	9	8	50	50	100
	<b>Total</b>	15	-	15	24	325	375	700

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### **EC P74 - INDUSTRIAL VISIT/TRAINING**

The students are required to undergo in plant training for a period of two weeks /four industrial visits during the summer vacation after the fourth semester. Each student has to submit a detailed report on the training programme undergone. Each student will be evaluated by an internal assessment committee (comprising of the Head of the Department and two faculty members) for a total of 50 marks



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### **EC PW7 - PROJECT WORK-I**

Each batch of 2 or 3 students will be assigned an experimental or a theoretical project to be carried out under the supervision of a guide. The project work has to be carried out in the 7<sup>th</sup> and 8<sup>th</sup> semesters and has to be completed by the end of the 8<sup>th</sup> semester. In the phase I of the project work, the progress of the work carried out in the 7<sup>th</sup> semester will be monitored and assessed internally for a total of 50 marks. A committee of departmental faculty members comprising the project guide, the Head of the Department and one more faculty member will conduct the internal assessment.



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### **EC PW8 - PROJECT WORK (PHASE II)**

Extension and completion of project work started in the previous semester. On completion of the project work, each student has to prepare a project report and submit the same to the department. In the Phase II, the project work and the report will be evaluated by the internal assessment committee by conducting two reviews and one demo for a total of 50 marks. The external university examination, which carries a total of 50 marks, will have report evaluation and viva voce examination conducted by a committee of one external examiner and one internal examiner appointed by the university.



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**Regulations and Curriculum**  
**for**  
**B.Tech. Electrical and Electronics**  
**Engineering**  
**2014-2015**

  
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### VII SEMESTER

CodeNo.	Name of the Subjects	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
EE T71	Industrial Management	4	-	-	4	25	75	100
EE T72	Solid State Drives	3	1	-	4	25	75	100
EE T73	Power system operation and control	3	1	-	4	25	75	100
	Elective – III	4	-	-	4	25	75	100
	Elective – IV	4	-	-	4	25	75	100
	<b>Practical</b>							
EE P71	Power System Simulation Lab	-	-	3	2	50	50	100
EE PW7	Project Phase –I	-	-	6	4	100	-	100
EE P72	Seminar	-	-	2	1	100	-	100
EE P73	Training/Industrial Visit	-	-	-	1	100	-	100
	<b>Total</b>	<b>18</b>	<b>2</b>	<b>11</b>	<b>28</b>	<b>475</b>	<b>425</b>	<b>900</b>

### VIII SEMESTER

CodeNo.	Name of the Subjects	Periods			Credits	Marks		
		L	T	P		IA	UE	TM
	<b>Theory</b>							
EE T81	Protection and Switchgear	3	1	-	4	25	75	100
	Elective – V	4	-	-	4	25	75	100
	Elective – VI	4	-	-	4	25	75	100
	<b>Practical</b>							
EE PW8	Project Phase –II	-	-	9	8	50	50	100
EE P81	Comprehensive Viva	-	-	3	1	100	-	100
EE P82	Professional Ethical Practice	-	-	2	1	100	-	100
	<b>Total</b>	<b>11</b>	<b>1</b>	<b>14</b>	<b>22</b>	<b>325</b>	<b>275</b>	<b>600</b>

*ana*  
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## **SYLLABUS**

### **EE PW7 PROJECT WORKPHASE – I**

The objective of the projects is to enable the students to work in convenient group of not more than four members in a group on a project involving analytical, experimental, design combination of these related to one or more areas of Electrical & Electronics Engineering. Each project shall have a guide who is member of faculty of Electrical & Electronics Engineering.

Six periods per week is allotted for the phase-I of the project work. Each group of students should complete the project literature survey, problem statement methodology with few results. The guide and departmental committee shall evaluate the student's work for 100 marks based on one project presentation and internal viva-voice.

### **EE P72 SEMINAR**

The objective of seminar is to enable the students to work in convenient groups (not more than four members in a group) and present a seminar on any chosen topic connected with Electrical & Electronics Engineering. The topics shall be chosen in consultation with a Faculty member. Each group is expected to make a critical review of literature and prepare a report on the topic. The students are expected to present as seminar. A departmental committee shall evaluate the performance of the students for 100 marks.

### **EE P73 INDUSTRIAL VISITS/TRAINING REPORT**

During the course of study from 3<sup>rd</sup> to 6<sup>th</sup> semester each student is expected to undertake a industrial visit and training. The minimum requirements shall be three units. A unit is defined as one industrial visitor one week industrial/ field training. The students are expected to submit a report, which shall be evaluated by a Departmental Committee at the end of seventh semester for 100 marks.

  
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**EE PW8 PROJECT WORK PHASE – II**

The objective of the projects is to enable the students to work in convenient group of not more than four members in a group on a project involving analytical, experimental, design combination of these related to one or more areas of Electrical & Electronics Engineering. Each project shall have a guide who is member of faculty of Electrical & Electronics Engineering.

Twelve periods per week is allotted for the phase-II of the project work. Each group of students should complete the project and prepare a report covering literature survey, problem statement methodology, results and conclusions. The guide and departmental committees shall evaluate the student's work for 50 marks based on one seminar and one internal viva-voce. The student shall take up the viva-voce before a committee comprising of an external and an internal examiner, which evaluates the students work for 100 marks.

**EE P81 COMPREHENSIVE VIVA VOICE**

A departmental committee for 100 marks for internal assessment evaluates the students on all areas of Electrical & Electronics Engineering. They also shall be examined by a panel of examiners (An internal examiner and an external) on all areas of Electrical & Electronics Engineering at the end of 8<sup>th</sup> semester.

**EE P82 PROFESSIONAL ETHICAL PRACTICE**

The course should cover the following topics by way of Seminars, Expert Lectures and

**ASSIGNMENTS**

Engineering Ethics— Moral issues, Ethical theories and their uses Engineering as Experimentation— Code of Ethics Engineer's responsibility for safety Responsibilities and rights Global issues of engineering ethics

**REFERENCE BOOKS**

1. Mike Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw-Hill, 2003

*Pondicherry University: Syllabus for B.Tech (EEE) Fourth Year*

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**PONDICHERY UNIVERSITY  
PUDUCHERRY 605 014**

**BRANCH – VIII**

**B.Tech.  
INFORMATION TECHNOLOGY**

**CURRICULUM & SYLLABUS  
(From Third Semester to Eighth Semester)**

**2013-14 ONWARDS**



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## SEVENTH SEMESTER

CODE NO.	NAME OF THE SUBJECTS	PERIODS			CREDITS	MARKS		
		L	T	P		IA	UE	TM
IT-T71	MOBILE COMPUTING	3	1	-	4	25	75	100
IT-T72	WEB SERVICES AND XML	3	1	-	4	25	75	100
IT-T73	CRYPTOGRAPHY AND NETWORK SECURITY	3	1	-	4	25	75	100
IT-E7X	ELECTIVE-IV	3	1	-	3	25	75	100
IT-E7X	ELECTIVE-V	3	1	-	3	25	75	100
IT-P71	MOBILE COMPUTING LAB	-	-	3	2	50	50	100
IT-P72	WEB SERVICES AND XML LAB	-	-	3	2	50	50	100
IT-P73	PROJECT WORK PHASE-I	-	-	3	4	100	-	100
IT-P74	SEMINAR	-	-	3	1	100	-	100
IT-P75	INDUSTRIAL TRAINING/ INTERNSHIP	-	-	3	1	100	-	100
	<b>TOTAL</b>	<b>15</b>	<b>05</b>	<b>15</b>	<b>28</b>	<b>525</b>	<b>475</b>	<b>1000</b>

## EIGHTH SEMESTER

CODE NO.	NAME OF THE SUBJECTS	PERIODS			CREDITS	MARKS		
		L	T	P		IA	UE	TM
IT-T81	PROFESSIONAL ETHICS	3	1	-	1	100	-	100
IT-T82	DISTRIBUTED COMPUTING	3	1	-	4	25	75	100
IT-E8X	ELECTIVE-VI	3	1	-	3	25	75	100
IT-P81	PROJECT WORK PHASE-II	-	-	3	8	50	50	100
IT-P82	COMPREHENSIVE VIVA VOCE	-	-	3	1	50	50	100
	<b>TOTAL</b>	<b>9</b>	<b>3</b>	<b>06</b>	<b>17</b>	<b>250</b>	<b>250</b>	<b>500</b>

  
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**IT-P73 PROJECT WORK PHASE-I**

Subject Code	Subject Name	Lectures (Periods)	Tutorials (Periods)	Practical (Periods)
IT-P73	Project Work Phase-I	0	0	3
<b>Pre-requisite:</b> Fundamentals of Software Engineering, Problem-solving skills and Application Development Knowledge.				
<p><b>Course Objectives:</b> The objective of the project is to enable the students to work in convenient groups of three to four members in a group on a project of latest topic / research area / industrial applications. Each project group shall have a guide who is a faculty member. This first phase of project work focuses on the following activities:</p> <ul style="list-style-type: none"> <li>• Literature Survey on project topic</li> <li>• Problem Definition</li> <li>• Project Design</li> </ul>				
<p><b>Course Outcomes:</b> On successful completion of the First Project Phase, the students will be able to:</p> <ul style="list-style-type: none"> <li>• State Problem definition clearly</li> <li>• Prepare SRS for projects</li> <li>• Prepare SDS for projects</li> <li>• Develop the Presentation skills</li> <li>• Develop the ability to work in a Group</li> </ul>				
<p><b>Exercises:</b></p> <p>The project group is required to do the following</p> <ul style="list-style-type: none"> <li>• literature survey,</li> <li>• Problem formulation</li> <li>• Forming a methodology of arriving at the solution of the problem.</li> <li>• Documentation of each step</li> </ul>				
<p><b>Content beyond Syllabus:</b> Real-Time projects.</p>				
<p><b>Text Books:</b></p> <ol style="list-style-type: none"> <li>1. Books related to the Project Title</li> <li>2. Papers published in Reputed Journals and Conferences related to the Project</li> </ol>				

  
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**IT-P75 INDUSTRIAL TRAINING / INTERNSHIP**


Subject Code	Subject Name	Lectures (Periods)	Tutorials (Periods)	Practical (Periods)
IT-P75	Industrial Training / Internship	-	-	3
<p><b>Course Objectives:</b>            In the course of study, during 5th and 6th semesters holidays, each student is expected to undertake a minimum of 4 industrial visits (leading hardware manufacturing / software development companies) and 2 week training or undertake a minimum of one month of industry internship (in a reputed concern). Based on the industrial internships / training/visits, the student has to submit a report at the end of sixth semester highlighting the exposure he/she gained. The report will be evaluated by the departmental committee for 100 marks. More weightage will be given for Internship. The proofs for having undergone visits / training are to be enclosed along with report as enclosures.</p>				



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**IT-P81 PROJECT WORK PHASE-II**

Subject Code	Subject Name	Lectures (Periods)	Tutorials (Periods)	Practical (Periods)
IT-P81	Project Work Phase-II	0	0	3
<b>Pre-requisite:</b> <ul style="list-style-type: none"> <li>• Fundamentals of Software Engineering, Problem-solving skills and Application Development Knowledge</li> <li>• Project Work Phase I</li> </ul>				
<b>Course Objectives:</b> The students are expected to complete the project (Phase - II) and to submit a full-fledged report comprising of the complete system developed along with the implementation and the test results. This phase of project work focuses on the following activities: <ul style="list-style-type: none"> <li>○ Project Implementation</li> <li>○ Testing</li> <li>○ Project Documentation</li> </ul>				
<b>Course Outcomes:</b> On successful completion of this Project Phase, the students will be able to: <ol style="list-style-type: none"> <li>1. Master a programming language or software tool used for implementation</li> <li>2. Test the project and compare it with benchmark standards</li> <li>3. Prepare the Project Report</li> <li>4. Develop the presentation skills</li> <li>5. Develop the ability to work in a Group</li> </ol>				
<b>Exercises:</b> On successful completion of this Project Phase students will be able to: <ol style="list-style-type: none"> <li>1. Master a programming language or software tool used for implementation</li> <li>2. Test the project and compare it with benchmark standards</li> <li>3. Prepare Project Report</li> <li>4. Develop Presentation skills</li> <li>5. Develop ability to work in a Group</li> </ol>				
<b>Content beyond Syllabus:</b> Real-time projects.				
<b>Text Books:</b> <ol style="list-style-type: none"> <li>1. Books related to the Project Title</li> <li>2. Papers published in Reputed Journals and Conferences related to the Project Title</li> </ol>				

  
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PONDICHERRY UNIVERSITY  
PUDUCHERRY – 605 014

Branch – II

**B TECH DEGREE  
IN  
MECHANICAL ENGINEERING**

**Syllabus and regulations**

**2013-14 ONWARDS**

  
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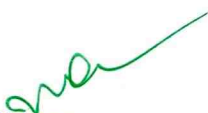
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### VII Semester

S. No.	Subject Code	Subjects	Periods			Credits	Marks		
			L	T	P		IA	UE	TM
<b>Theory</b>									
01	MET71	Computer Aided Design	3	1	0	04	25	75	100
02	MET72	Industrial Engineering and Management	4	0	0	04	25	75	100
03	MET73	Refrigeration, Air Conditioning and Cryogenic Engineering	3	1	0	04	25	75	100
04		Elective - III	3	1	0	03	25	75	100
<b>Practical</b>									
05	MEP71	Thermal Engineering Lab - II	0	0	3	02	50	50	100
06	MEP72	Computer Aided Engineering Lab	0	0	3	02	50	50	100
07	MEP73	Comprehensive Viva - Voce	0	0	3	01	50	50	100
08	MEP74	Industrial Visit/Training Report	-	-	-	01	100	-	100
09	MEPW7	Project Work(Phase I)	-	-	3	04	50	50	100
<b>Total</b>			<b>13</b>	<b>3</b>	<b>12</b>	<b>25</b>	<b>400</b>	<b>500</b>	<b>900</b>

### VIII Semester

S. No.	Subject Code	Subjects	Periods			Credits	Marks		
			L	T	P		IA	UE	TM
<b>Theory</b>									
01	MET81	Power Plant Engineering	3	1	0	04	25	75	100
02	MET82	Professional Ethics and Indian Constitution	1	0	0	01	100	--	100
03		Elective - IV	3	1	0	03	25	75	100
04		Elective - V	3	1	0	03	25	75	100
<b>Practical</b>									
05	MEPW8	Project Work (Phase II)**	0	0	12	08	50**	50	100
06	MEP81	Seminar	0	0	3	01	100	--	100
<b>Total</b>			<b>10</b>	<b>3</b>	<b>15</b>	<b>20</b>	<b>325</b>	<b>275</b>	<b>600</b>

  
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### **MEP73 COMPREHENSIVE VIVA – VOCE (0 0 3 2)**

The student will be tested for his understanding of basic principles of the core Mechanical Engineering subjects. The internal assessment for a total of 50 marks will be made by an internal assessment committee. The committee will conduct two written examinations of objective or short questions type from all the core subjects.


The external university examination, which carries a total of 50 marks, will be a Viva Voce examination conducted by a committee of one external examiner and one internal examiner appointed by the University.

### **MEP74 INDUSTRIAL VISITS / TRAINING REPORT (0 0 0 1)**

During the course of study from 3rd to 7th semester each student is expected to undertake a minimum of four industrial visits or undertake a minimum of two weeks of industry/field training. The students are expected to submit a report, which shall be evaluated by an internal assessment committee at the end of seventh semester for 100 marks.

### **MEPW7 PROJECT WORK (PHASE I) (0 0 3 4)**

The objective of the project is to enable the students to work in groups of not more than four members in each group on a project involving analytical, experimental, design or combination of these in the area of Mechanical Engineering. Each project shall have a guide. The student is required to do literature survey, formulate the problem and form a methodology of arriving at the solution of the problem. The evaluation is based on continuous internal assessment by an internal assessment committee. On completion of the Phase I work, a project report should be prepared and submitted to the department. The project work and the report will be evaluated by an internal assessment committee for 50 marks. The external university examination, which carries a total of 50 marks, will have report evaluation and viva voce examination conducted by a committee of one external examiner and one internal examiner appointed by the University.

  
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**MEPW8 PROJECT WORK (PHASE II)**  
**(0 0 12 8)**

Project work phase II will be an extension of the project work started in the seventh semester. On completion of the work, a project report should be prepared and submitted to the department. The project work and the report will be evaluated by an internal assessment committee for 50 marks. The external university examination, which carries a total of 50 marks, will have report evaluation and viva voce examination conducted by a committee of one external examiner and one internal examiner appointed by the University.

**MEP81 SEMINAR (0 0 3 1)**

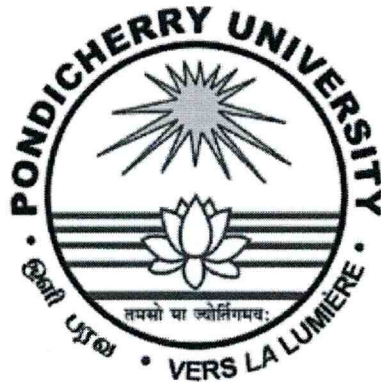
Each one of the students will be assigned a Seminar Topic in the current and frontier areas. The student has to conduct a detailed study/survey on the assigned topic and prepare a report. The student will make an oral presentation followed by a brief question and answer session. The Seminar (presentation and report) will be evaluated by an internal assessment committee for a total of 100 marks.

  
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**PONDICHERRY UNIVERSITY**

**SCHOOL OF MANAGEMENT**

**DEPARTMENT OF MANAGEMENT STUDIES**



**MBA Course Structure and Syllabi  
2018-2019 Onwards**

*me*  
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## COURSE STRUCTURE OF MBA PROGRAMME IN AFFILIATED COLLEGES

SEMESTER - I		SEMESTER - II	
Subject	Marks	Subject	Marks
Management Processes	100	Financial Management	100
Organisational Behaviour	100	Marketing Management	100
Managerial Economics	100	Operations Management	100
Accounting for Managers	100	Human Resources Management	100
Business Law	100	Operations Research	100
Business Environment	100	Research Methodology	100
Business Analytics Lab 1	50	Management Information Systems	100
Communication skill Workshop	50	Selling & Negotiation Skills	50
System Skill Workshop	50	Minor Project	50
		Business Analytics Lab 2	50
<b>Total</b>	<b>750</b>	<b>Total</b>	<b>850</b>
SEMESTER - III		SEMESTER - IV	
Subject	Marks	Subject	Marks
Strategic Management	100	Public Systems Management	100
Project Management	100	Entrepreneurship	100
Quality Management	100	Functional Electives (4)	400
Management Control Systems	100	Business Ethics & Corporate Governance	100
Functional Electives (4)	400	Business Valuation Lab	50
Summer Projects (8 Weeks) (100 Marks for thesis + 50 Marks for Project Viva)	150		
<b>Total</b>	<b>950</b>	<b>Total</b>	<b>750</b>

Total Marks	:3300
Total Number of theory paper	:28
Total Number of Skills development workshop	:3
Total Number of Lab	:3
Number of Projects	:2

  
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**PONDICHERRY UNIVERSITY**  
**(A CENTRAL UNIVERSITY)**

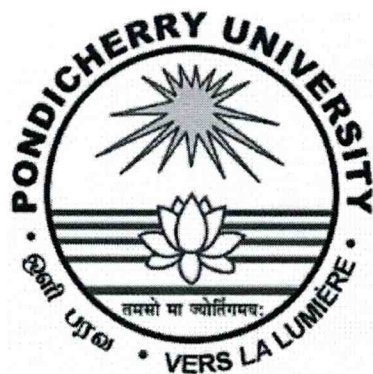
**SCHOOL OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**

**REGULATIONS, CURRICULUM & SYLLABUS**  
**FOR**

**MASTER OF COMPUTER APPLICATIONS**  
**(M.C.A.)**

**(For CBCS System in Affiliated Colleges)**  
**(Effective from the Academic Year 2020 - 2021)**



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**PONDICHERRY UNIVERSITY (A CENTRAL UNIVERSITY), PUDUCHERRY MASTER  
OF COMPUTER APPLICATIONS (MCA)  
(For CBCS System in Pondicherry University)**

(Effective from the Academic Year 2020 - 21)

**COURSE STRUCTURE**

<b>Course Category</b>	<b>Number of Credits</b>
Core Courses	<b>55 Credits</b> [49 Compulsory + 6 Supportive]
Elective Courses	<b>12Credits</b> [9 Domain Specific + 3 Open Elective]
Skill Enhancement Courses	<b>04Credits</b> [2 x 2 Credits]
Out Reach Programme: (Conferences/Symposiums/Technical Meets/Workshops/Etc.,)	<b>01 Credit</b>
<b>Total</b>	<b>72 Credits</b>

  
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### THIRD SEMESTER

S. No.	Course Code	Course Title	H/S	L	T	P	Credits
1.	MCAP 511	Software Engineering	H	3	0	0	3
2.	MCAP 512	Internet and Web Technologies	H	3	0	0	3
3.		Supportive Core #2	H	3	0	0	3
4.		Domain Specific Elective # 3	S	3	0	0	3
5.		Skill Enhancement Programme #1	S	0	1	2	2
6.		Skill Enhancement Programme #2	S	0	1	2	2
7.		Academic Out-Reach Programme	H	-	-	-	1
8.	MCAP 513	Mini Project*	H	0	0	3	2
9.	MCAP 514	Internet and Web Technologies Lab	H	0	0	3	2
Total Credits							21

\* Mini project shall be in alignment with the Domain Specific Electives

### FOURTH SEMESTER

S. No.	Course Code	Course Title	H/S	Credits
1.	MCAP 521	Project Work	H	4
2.	MCAP 522	Project Seminar	H	4
3.	MCAP 523	Project Report And Viva-voce	H	4
Total Credits				12

  
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**ELECTRONICS AND COMMUNICATION ENGINEERING**

**M.TECH (WIRELESS COMMUNICATION)**

**(NON-CBCS)**

**REGULATIONS, CURRICULUM AND SYLLABUS**

**(With effect from the Academic Year 2013 – 14)**

**PONDICHERRY UNIVERSITY  
PUDUCHERRY – 605 014**

  
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Rajiv Gandhi College of Engineering & Technology  
Pondy - Addl. Old Mad. Road,  
Kirumampakkam, Puducherry 607 402

**SEMESTER – III**

Sl. No.	Code	Subject	Hours / Week			Credits	Evaluation (marks)		
			L	T	P		Internal	External	Total
1.	EC 919	Project Phase – I	-	-	16	9	150	150	300
2.		Elective – VII	3	0	0	3	40	60	100
						12	190	210	400

**SEMESTER – IV**

Sl. No.	Code	Subject	Hours / Week			Credits	Evaluation (marks)		
			L	T	P		Internal	External	Total
1.	EC 920	Project Phase – II	-	-	24	14	200	200	400
						14	200	200	400

  
**Dr. E. VIJAYAKRISHNA RAPAKA**

B.Tech (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)

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## Appreciation from Puducherry Governor for Innovative Project

**Dr. E. VIJAYAKRISHNA RAPAKA**

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)  
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**Dr Tamilisai Soundara** ✓  
@DrTamilisaiGuv

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## Solar Power Armed 'USV BOAT'

Empowering future engineers to harness the sun's energy, we proudly congratulate the brilliant minds from Rajiv Gandhi College of Engineering and Technology, #Puducherry.

Department of Electrical and Electronics Engineering for their groundbreaking creation - the Solar Power Armed 'USV BOAT'.

Witnessing innovation at its finest, this revolutionary project. Propels us into a brighter and sustainable future.



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*ma*  
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## Communication/ Permission Letter for Industrial Visit (Sample)

**Dr. E. VIJAYAKRISHNA RAPAKA**

B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)  
M.I.S.T.E., F.I.I.P.E., M.C.S.I.M.C.I.I.,

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Kiramampakkam, Puducherry - 607 402



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## permission for industrial visit

7 messages

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**HEAD OF THE DEPARTMENT MECH** <hodmech@rgcet.edu.in>  
To: admin@seablueshipyard.com <admin@seablueshipyard.com>

Tue 2 May, 2023 at 9:51 AM

Good morning sir,

Our students studying from III year mechanical Engineering in Rajiv Gandhi college of engineering and technology, kirumampakkam, puducherry are planning to visit(industrial visit) your company on 06-05-2023 at 2.00 Pm. Kindly provide permission to the same.

Thanking you  
HOD/MECH,  
RG CET,  
PUDUCHERRY.  
PH.NO. 9487777579

---

**Human Resources @seablue** <hr@seablueshipyard.com>  
To: HEAD OF THE DEPARTMENT MECH <hodmech@rgcet.edu.in>

Tue 2 May, 2023 at 10:16 AM

Dear Sir,

Attached please find the Application for IV in our shipyard. Kindly fill it and forward the same to us for the formal approval.

Regards,

E.D. Xavier  
**Human Resource Department**  
**Sea Blue Shipyard Ltd**  
**(An ISO 9001-2008 Certified Company)**  
**Azheekal (PO)**  
**Vypin- Cochin 682510\***

On Tue, May 2, 2023 at 9:53 AM Admin Sea Blue Shipyard <admin@seablueshipyard.com> wrote:  
[Quoted text hidden]

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**HEAD OF THE DEPARTMENT MECH** <hodmech@rgcet.edu.in>  
To: Human Resources @seablue <hr@seablueshipyard.com>

Tue 2 May, 2023 at 12:20 PM

Good Afternoon Sir  
I herewith attached a filled copy of application for industrial visit to your esteemed company.  
So kindly give the permission and do the needful  
Thank you  
HOD/MECH  
RG CET.  
[Quoted text hidden]

---

**Human Resources @seablue** <hr@seablueshipyard.com>  
To: HEAD OF THE DEPARTMENT MECH <hodmech@rgcet.edu.in>

Tue 2 May, 2023 at 1:43 PM

Dear Sir,

Permission is granted to visit our shipyard on 02.06.2023 at 2.00 PM. Entry Fee to be paid at the time of visit is Rs.100/- per student.

Regards,

  
**Dr. E. VIJAYAKRISHNA RAPA**  
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)  
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,  
**PRINCIPAL**  
Rajiv Gandhi College of Engineering & Technology  
Chidamballore Main Road,  
44 Puducherry - 605 002

E.D. Xavier  
**Human Resource Department**  
Sea Blue Shipyard Ltd  
(An ISO 9001-2008 Certified Company)  
Azheekal (PO)  
Vyppin- Cochin 682510\*

[Quoted text hidden]

HEAD OF THE DEPARTMENT MECH <hodmech@rgcet.edu.in>  
To: Human Resources @seablue <hr@seablueshipyard.com>

Tue 2 May, 2023 at 10:36 PM

Thanks for your kind permission granted to our students regarding Industrial visit at shipyard . We made the mistake in typing the Industrial visit date in the application format which was already sent to you . Sorry for the inconvenience but we need permission on **06-05-2023 (saturday) at 2.00pm**. Kindly consider this and do the needful sir.  
I am expecting positive consideration and eagerly waiting for your reply.

Now I am attached to you with a corrected application format.

We obey your rules and regulations.

Thanking you

HOD/Mech  
RG CET  
Puducherry.  
[Quoted text hidden]

HEAD OF THE DEPARTMENT MECH <hodmech@rgcet.edu.in>  
To: Human Resources @seablue <hr@seablueshipyard.com>

Fri 5 May, 2023 at 3:19 PM

Good afternoon sir.

I need permission to visit your company on 6-5-2023 (saturday) 2.00pm

thanking you

With regards

by

HOD / Mech  
[Quoted text hidden]

Human Resources @seablue <hr@seablueshipyard.com>  
To: HEAD OF THE DEPARTMENT MECH <hodmech@rgcet.edu.in>

Fri 5 May, 2023 at 3:24 PM

Dear Sir,

Permission is granted to visit our shipyard on 06.05.2023 at 02.00 PM. All the other terms and conditions remain the same.

Regards,

E.D. Xavier  
**Human Resource Department**  
Sea Blue Shipyard Ltd  
(An ISO 9001-2008 Certified Company)  
Azheekal (PO)  
Vyppin- Cochin 682510\*

[Quoted text hidden]

  
**Dr. E. VIJAYAKRISHNA RAPAKA**  
B.Tech. (Mech.), M.Tech.(Energy), Ph.D. (IIT Madras)  
M.I.S.T.E., F.I.I.P.E., M.C.S.I M.C.I.I.,  
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