

Course Title	PROJECT PHASE – 2	Semester	VIII
Course Code	MVJ19EEP81	CIE	50
Total No. of Contact Hours	L : T : P :: 0 : 0 : 14	SEE	50
No. of Contact Hours/week	-	Total	100
Credits	07	Exam. Duration	3 Hours

**Course Objective:** This course will enable the students to

- Develop interactive, communication, organization, time management, and presentation skills.
- Impart flexibility and adaptability.
- Inspire independent and team working.
- Expand intellectual capacity, credibility, judgment, intuition.
- Adhere to punctuality, setting and meeting deadlines.
- Instill responsibilities to oneself and others.
- Train students to present the topic of project work in a seminar without any fear, face audience confidently, enhance communication skill, involve in group discussion to present and exchange ideas.

**Project Work Phase - II:** Each student of the project batch shall involve in carrying out the project work jointly in constant consultation with internal guide, co-guide, and external guide and prepare the project report as per the norms avoiding plagiarism.

**Course outcomes:** At the end of the course the student will be able to:

C409.1	Describe the project and be able to defend it. Develop critical thinking and problem-solving skills.
C409.2	Learn to use modern tools and techniques. Communicate effectively and to present ideas clearly and coherently both in written and oral forms.
C409.3	Develop skills to work in a team to achieve a common goal. Develop skills of project management and finance.
C409.4	Develop skills of self-learning, evaluate their learning and take appropriate actions to improve it.
C409.5	Prepare them for life-long learning to face the challenges and support the technological changes to meet societal needs.

**Scheme of Evaluation:**

Continuous Internal Evaluation: The CIE (50 marks) evaluation shall be based on Phase

wise completion of the project work, Project report, Presentation and Demonstration of the actual/model/prototype of the project.

Semester End Examination: SEE marks for the project (50 marks) shall be based on Project report, Presentation and Demonstration of the actual/model/prototype of the project, as per the norms by the examiners appointed

**CO-PO Mapping**

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C409.1	2	2	2	3	3	2	1	1	2	1	1	2
C409.2	2	2	2	3	3	2	1	1	2	1	2	2
C409.3	2	2	2	3	3	2	1	1	2	1	2	2
C409.4	2	2	2	3	3	2	1	1	2	1	2	2
C409.5	2	2	2	3	3	2	1	1	2	1	2	2

High-3, Medium-2, Low-1

Course Title	INTERNSHIP	Semester	VIII
Course Code	MVJ19EEI82	CIE	-
Total No. of Contact Hours	Industrial Oriented	SEE	-
No. of Contact Hours/week	-	Total	100
Credits	3	Exam. Duration	-

**Course Objective:**

- To get the field exposure and experience
- To apply the theoretical concept in field application
- To prepare the comparison statement of difference activities

**Internship:** This shall be carried out by students in industry set-up related to the construction/ materials testing laboratories/research organizations/project management consulting firms/QS and QA organizations/ planning and design offices/Professional organizations and other avenues related to the civil engineering domain in consultation and approval of internship guide/HOD /internship committees of the institutions.

**Course outcomes:** At the end of the course the student will be able to:

C410.1	Develop skills to work in a team to achieve common goal.
C410.2	Develop skills of self-learning, evaluate their learning and take appropriate actions to improve it.
C410.3	Prepare them for life-long learning to face the challenges and support the technological changes to meet the societal needs.
C410.4	Develop skills of project management and finance.
C410.5	Understand work ethics and culture of industry.

**Scheme of Evaluation:**

Evaluation of the field training/industrial internship shall be conducted during VIII semester by internal and external examiners for 100 marks. The external examiner shall be from the industry, where the student carried out the field training/Industrial internship. In case of non-availability of external examiner, the concerned head of the department shall appoint an external examiner from the near by college or a senior faculty member from outside the department in consultation with respective BOE and approved by Principal. The field training/industrial internship carries two credits. A student has to get a minimum of 40% marks for a pass. If a student fails to complete the same, then the field training/Industrial internship has to be repeated in its entirety.

**CO-PO Mapping**

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C410.1	2	2	2	3	3	2	1	1	2	1	1	2
C410.2	2	2	2	3	3	2	1	1	2	1	2	2
C410.3	2	2	2	3	3	2	1	1	2	1	2	2
C410.4	2	2	2	3	3	2	1	1	2	1	2	2
C410.5	2	2	2	3	3	2	1	1	2	1	2	2

High-3, Medium-2, Low-1

Course Title	SEMINAR	Semester	VIII
Course Code	MVJ19EES83	CIE	-
Total No. of Contact Hours	15	SEE	-
No. of Contact Hours/week	2 L: T: P :: 0: 0: 2	Total	100
Credits	1	Exam. Duration	-

**Course Objective:**

- To inculcate self-learning, face audience confidently, enhance communication skill, involve in group discussion and present and exchange ideas.

**Seminar:** Each student, under the guidance of a faculty, is required to choose, preferably, a recent topic of his/her interest relevant to the course of specialization. Carryout literature survey; organize the Course topics in a systematic order.

- Conduct literature survey in the domain area to find appropriate topic.
- Prepare the synopsis report with own sentences in a standard format.
- Learn to use MS word, MS power point, MS equation and Drawing tools or any such facilities in the preparation of report and presentation.
- Present the seminar topic orally and/or through power point slides.
- Communicate effectively to answer the queries and involve in debate/discussion.
- The participants shall take part in discussion to foster friendly and stimulating environment in which the students are motivated to reach high standards and become self-confident.

**Course outcomes:** At the end of the course the student will be able to:

C411.1	Develop knowledge in the field of Civil Engineering and other disciplines through independent learning and collaborative study.
C411.2	Identify and discuss the current, real-time issues and challenges in engineering & technology. Develop written and oral communication skills.
C411.3	Explore concepts in larger diverse social and academic contexts.
C411.4	Apply principles of ethics and respect in interaction with others.
C411.5	Develop the skills to enable life-long learning.

**Scheme of Evaluation:**

The evaluation shall be based on presentation, to a panel comprising seminar guide, a senior faculty from the department and head of the department. Each student should submit the Seminar report at the end of semester.

CO-PO Mapping												
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C411.1	2	2	2	3	3	2	1	1	2	1	1	2
C411.2	2	2	2	3	3	2	1	1	2	1	2	2
C411.3	2	2	2	3	3	2	1	1	2	1	2	2
C411.4	2	2	2	3	3	2	1	1	2	1	2	2
C411.5	2	2	2	3	3	2	1	1	2	1	2	2

High-3, Medium-2, Low-1

Course Title	CERTIFICATION	Semester	VIII
Course Code	MVJ19EEC84	CIE	-
Total No. of Contact Hours	-	SEE	-
No. of Contact Hours/week	-	Total	-
Credits	2	Exam. Duration	-

**Course Objective:**

- To inculcate self-learning, enhance the skill in different field of Engineering

**Certification:** Each student, under the guidance of a faculty, is required to undergo online certification course minimum of 30 hours (number of courses is not limited) preferably, a recent topic of his/her interest. Each student should submit the Course details and Qualification Certificates at the end of semester.

**Course outcomes:** At the end of the course the student will be able to:

C412.1	Develop knowledge in different fields of Engineering
C412.2	Develop the skills to enable life-long learning.