

**IV/IV B. TECH. SECOND SEMESTER  
MAJOR PROJECT****Course Code : CS 8PW****Credits: 9****Lab: 9 periods/ week****Internal assessment: 100Marks****Tutorial: --****Semester end examination:200Marks**

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**Course Overview:**

This course is intended to implement an industry oriented project by applying the knowledge of Software Engineering, Programming language paradigms, Designing tools, Advanced Technologies and Tools including Testing and Deployment.

**Course Outcomes:**

At the end of this course student will:

- CO1) Apply Process of Project Development to Analyze and design the real world problem.
- CO2) Demonstrate the proficiency of Computer Programming Languages & Other Emerging technologies & Tools for Project Implementation.
- CO3) Apply various testing techniques and tools to debug the software.
- CO4) Deploy the software in the real environment to satisfying the functional and non functional requirements.
- CO5) Document the project report of various phases for future scope of the project Development.