

Semester : IV

Programme : Information Science and Engineering

Course Name : Software Engineering principles and practices

Course Code :20IS44P

reg no :

CO-01 Explain the typical software development life cycle (SDLC), list and differentiate the various SDLC models along with identifying where each model could be beneficial when applied.

CO-02 Demonstrate the application of design thinking as a process, explain how it helps in requirement engineering and mitigate risks.

CO-03 Study a given application requirement, create user stories, draw the appropriate UML diagram and validate to ensure user story/UML diagram meet with the given requirement.

CO-04 Document standard test procedures and test cases for a given requirement to ensure the software gives the desired results for which it is built.

Semester : IV

Programme : Information Science and Engineering

Course Name : Indian Constitution

Course Code : 20IS45T

reg no :

CO-01 Understand Preamble, salient features and importance of Indian Constitution.

CO-02 Understand Fundamental rights, duties and Directive principles of state policy.

CO-03 Understand Parliamentary system of governance, Structure, Functions, Power of Central, state governments (Legislative, Executive) and Judiciary.

CO-04 Understand Panchayat Raj Institutions and Local self-governments, UPSC, KPSC, NHRC, Status of women, RTE etc.