SUBJECT NO-RE60024, SUBJECT NAME- SOFTWARE RELIABILITY
LTP- 3-0-0,CRD- 3

SYLLABUS :-

Definition, errors-their cause and consequence, basic design principle of reliable software, requirements, objectives, and specifications, system architecture, program structure design, design practices, module design and coding, programming style. Software testing principles, module testing, functions and system testing, debugging, programming languages and reliability, computer architecture and reliability, proving program correctness, reliability models, software support systems.