

LITTLE FLOWER COLLEGE, GURUVAYOOR

DEPT. OF CHEMISTRY OFFERED CERTIFICATE COURSE 2020=2021

INSTRUMENTATION FOR ANALYSIS

SYLLABUS

TOTAL hrs: 30

MODULE I (4 hrs)

Theory, instrumentation and applications of UV – VISIBLE spectroscopic technique

MODULE II (5 hrs)

Theory, instrumentation and applications of Infra- Red spectroscopic technique

MODULE III (6 hrs)

Theory, instrumentation and applications of NMR spectroscopic technique

MODULE IV (6 hrs)

Theory, instrumentation and applications of Mass spectroscopic technique

MODULE V (4 hrs)

Theory, instrumentation and applications of SEM analysis technique

MODULE VI (5 hrs)

Theory, instrumentation and applications of TEM analysis technique