

DEPARTMENT OF INFORMATION TECHNOLOGY

R 20 REGULATION LABORATORIES

I-I SEM

S.No	Name of the Laboratory	Credits
1	English Communication Skills Laboratory	1.5
2	Applied Physics Lab	1.5
3	Programming for Problem Solving using C Lab	1.5

I-II SEM

S.No	Name of the Laboratory	Credits
1	Applied Chemistry Lab	1.5
2	Python Programming Lab	1.5
3	Data Structures Lab	1.5

II-I SEM

S.No	Name of the Laboratory	Credits
1	Object Oriented Programming through C++ Lab	1.5
2	Operating Systems Lab	1.5
3	Database Management Systems Lab	1.5
4	Skill Oriented Course I 1) Animations- 2D Animation 2) Distributed Technologies- NoSQL	2

II-II SEM

S.No	Name of the Laboratory	Credits
1	UML Lab	1.5
2	FOSS Lab	1.5
3	Java Programming Lab	1.5
4	Skill Oriented Course II 1) Animations- 3D Animation OR 2) Distributed Technologies- MongoDB	2

III-I SEM

S.No	Name of the Laboratory	Credits
1	Data Mining Techniques with R Lab	1.5
2	Computer Networks Lab	1.5
3	Skill Oriented Course - III 1.Animation course: Animation Design OR Continuous Integration and Continuous Delivery using DevOps	2

III-II SEM

S.No	Name of the Laboratory	Credits
1	Big Data Analytics lab	1.5
2	Machine Learning using Python Lab	1.5
3	Cryptography and Network Security Lab	1.5
4	Skill Oriented Course - IV 1.Data Science: Natural Language Processing OR 2.Video Analytics	2

IV-I SEM

S.No	Name of the Laboratory	Credits
1	PYTHON: Deep Learning OR Secure Coding Techniques OR APSSDC offered Courses	2

IV-II SEM

S.No	Name of the Laboratory	Credits
1	Major Project Work, Seminar Internship	12