



M.Sc. Anesthesia and Operation Theatre Technology (Yearly pattern)

Note: A credit is a unit by which the coursework is measured. It determines the number of hours of instruction required per week over the duration of a semester of minimum 15 weeks or 90 days which will be doubled for the yearly program i.e. 30 weeks or 180 days.

1. 1 theory credit = 15 hours of academic activity engagement in a semester, which is 1 credit = 1 hour of theory in a semester that will be doubled in the yearly program, which is 2 credit = 1 hours of academic engagement.

2. 1 credit of (practical/internship/workshop-based activity/self-learning-online/offline) = 30 hours of engagement in a semester, which is 1 credit = 2 hours of practical in the semester that will be halved in the yearly program, which is 1 credit = 1 hour of practical engagement.

3. Research Project/Dissertation: Entire second year (12 credits)

Credits distribution scheme:

Component	Credit	Lectures (hrs.)	Lab (hrs.)	Tutorial
Theory	2	1	-	-
Practical	1	-	1	-
Dissertation	1	-	1	-

Year - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
19200101	Research Methodology and Biostatistics (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19200102	Research Methodology and Biostatistics (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208101	Pre-Anesthetic Patient Assessment, Fitness Criteria & Pre-Surgery Checklist (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208102	Pre-Anesthetic Patient assessment, Fitness Criteria & Pre-Surgery Checklist (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208103	Anesthetic Agents & Techniques in various Procedures (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208104	Anesthetic Agents & Techniques in various Procedures (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208105	CSSD Procedures, Safety Measures & Infection control in OT (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208106	CSSD Procedures, Safety Measures & Infection control in OT (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
	Total	48.00	16	16	-								800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical

Theory Passing % : 50 Practical Passing % : 50



Year - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
19208201	Bio -Medical Instrumentation in OT & Anesthetic Unit (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208202	Bio -Medical Instrumentation in OT & Anesthetic Unit (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208203	Critical Care Services & Procedures (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208204	Critical Care Services & Procedures (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208205	Preparation & Assistance for various Surgeries (T)	8.00	4	-	-	20	-	20	60	-	50	-	100
19208206	Preparation & Assistance for various Surgeries (P)	4.00	-	4	-	-	20	20	-	60	-	50	100
19208207	Dissertation	12.00	-	12	-	-	-	100	-	100	-	100	200
	Total	48.00	12	24									800

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing % : 50 Practical Passing % : 50