

Integrated B.Sc- M.Sc Programme Structure

Semester I

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Human Anatomy & Physiology-I	2	2	-	50	50	4
2	CC	Pathology & Microbiology- I	4	-	-	50	50	4
3	CC	Reproductive Anatomy	4	-	-	50	50	4
4	AEC	English	4	-	-	50	50	4
5	VAC	Constitution of India	2	-	-	50	50	2
6	MDE	Multi Disciplinary Elective	3					3
Total								21

Semester II

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Human Anatomy & Physiology-II	2	2	-	50	50	4
2	CC	Pathology & Microbiology- II	4	-	-	50	50	4
3	CC	Biochemistry	4	-	-	50	50	4
4	CC	Reproductive Physiology	4	-	-	50	50	4
5	AEC	Kannada	2	-	-	50	50	2
6	MDE	Multi Disciplinary Elective	3			50	50	3
Total								21

Semester III

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Developmental Biology	4	-	-	50	50	4
2	CC	Reproductive Biology	4	-	-	50	50	4
3	CC	Reproductive Endocrinology	4	-	-	50	50	4
4	CC	Infertility & Reproductive Disorders	4	-	-	50	50	4
5	VAC	Environmental studies	2	-	-	50	50	2
6	MDE	Multi Disciplinary Elective	3					3
Total								21

Semester IV

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Clinical Management of Infertility	4	-	-	50	50	4
2	CC	QA/QC/QM in ART	4	-	-	50	50	4

3	CC	Good Laboratory Practices	4	-	-	50	50	4
4	SEC	Good Laboratory Practices (Practical)	-	-	8	50	50	4
5	AEC	Hindi	2	-	-	50	50	2
6	VAC	Human Rights & Gender Equity	2	-	-	50	50	2
Total								20

Semester V

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Management of Male Infertility	4	-	-	50	50	4
2	CC	Surgical Aspects of Infertility	4	-	-	50	50	4
3	CC	Andrology Laboratory Techniques	4	-	-	50	50	4
4	SEC	Basic Andrology (Practical)	-	-	8	50	50	4
5	SEC	Advanced Andrology (Practical)	-	-	8	50	50	4
6	VAC	Psychology	2	-	-	50	50	2
Total								22

Semester VI

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Cryobiology	4	-	-	50	50	4
2	CC	Clinical Embryology	4	-	-	50	50	4
3	CC	Counseling in Infertility	4	-	-	50	50	4
4	SEC	Cryopreservation (Practical)	-	-	8	50	50	4
5	SEC	Clinical Embryology (Practical)	-	-	8	50	50	4
6	VAC	Medical Ethics	2	-	-	50	50	2
Total								22

Semester VII

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	In-Vitro Fertilization	3	-	-	50	50	3
2	CC	Micromanipulation in ART	3	-	-	50	50	3
3	CC	Risk Management in ART	3	-	-	50	50	3
4	SEC	In-Vitro Fertilization (Practical)	-	-	8	50	50	4
5	SEC	Micromanipulation in ART (Practical)	-	-	8	50	50	4
6	MDE	Multidisciplinary Elective	3	-	-	50	50	3
Total								23

Semester VIII

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Assisted Reproductive Technology	3	-	-	50	50	3
2	CC	Advances in ART	3	-	-	50	50	3
3	CC	Ethics & Regulations in ART	3	-	-	50	50	3

4	SEC	ART (Practical)	-	-	8	50	50	4
5	SEC	Advanced ART (Practical)	-	-	8	50	50	4
6	MDE	Multidisciplinary Elective	3	-	-	50	50	3
Total								23

Semester IX

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	P	CIA	SEE	
1	CC	Reproductive Genetics	3	-	-	50	50	3
2	CC	Pre-implantation Genetic Screening	3	-	-	50	50	3
3	CC	Third Party Reproduction	3	-	-	50	50	3
4	CC	Health Care Management	3	-	-	50	50	3
5	SEC	Biopsy Techniques (Practical)	-	-	16	50	50	8
6	MDE	Multidisciplinary Elective	3	-	-	50	50	3
Total							700	23

Semester X

Sl. No	Course Type	Course Title	Hours Per week			Max. Marks		Credits
			L	T	Experiential Learning	CIA	SEE	
1	SEC	Internship	-	-	40	100	100	12
2	RP	Dissertation	-	-	-	100	100	12
Total							400	24