

RAYAT-BAHRA UNIVERSITY
Department of Clinical Embryology & Reproductive Genetics
B.Sc. (Hons) Clinical Embryology & Reproductive Genetics
[Course Curriculum]

Semester-I (Year-I)
Cell biology
Reproductive biology
Microbiology
Introduction to Clinical Embryology
Basics of Computers Science
Semester-II (Year-I)
Biochemistry
Human Reproductive Biology
Principles of Immunology
Infertility & Assisted Conception
Environment Studies
Semester-III (Year-II)
Fundamentals of clinical andrology
Animal Biotechnology
Basics of Genetics
Leadership & Entrepreneurship
Semester-IV (Year-II)
Basics of IVF & ICSI
Andrology Laboratory Techniques
Assisted Reproductive Technology
Counseling & Negotiation Skills for management
Semester-V (Year-III)
Reproductive physiology & Endocrinology
Research Methodology
Reproductive Genetics & Counseling
Students Mentoring & Counseling
Semester-VI (Year-III)
Basics of Medical lab techniques
Reproductive Cytogenetics
Biostatistics
Infertility: Male & female
Journal Club & Group Discussions
Semester-VII (Year-IV)
Fundamentals of IVF Lab Techniques
Microscopy in ART
Cryobiology & Micromanipulation
ART guidelines & Ethics
Seminar-I
Semester-VIII (Year-IV)
Internship at clinical IVF or Hospital
Report on IVF lab visit
Seminar-II