



CHAITANYA

(Deemed to be University)

(Approved u/s. 3 of UGC act. 1956 by MHRD, Govt. of India)

Hyderabad, Telangana, India

M.Sc. Clinical Embryology

Department of Biochemistry

School of Sciences

POSTGRADUATE PROGRAMME Courses effective from Academic Year (2024-2025)

Semester –I

| S. No | Paper Code | Title of the paper | Instruction Hrs/ Week | No. of Credits | Marks | | Total marks |
|-------|------------|---|-----------------------|----------------|----------|----------|-------------|
| | | | | | External | Internal | |
| 1 | Core I | Cell and Molecular Biology | 4 | 4 | 70 | 30 | 100 |
| 2 | Core II | Biochemistry | 4 | 4 | 70 | 30 | 100 |
| 3 | Core III | Reproductive Anatomy and Physiology | 4 | 4 | 70 | 30 | 100 |
| 4 | Core IV | Human Genetics & Epigenetics and Assisted Reproductive Technology | 4 | 4 | 70 | 30 | 100 |
| 5 | Lab I | Cell and Molecular Biology | 2 | 2 | 15 | 35 | 50 |
| 6 | Lab II | Biochemistry | 2 | 2 | 15 | 35 | 50 |
| 7 | Lab III | Reproductive Anatomy and Physiology | 2 | 2 | 15 | 35 | 50 |
| 8 | Lab IV | Human Genetics & Epigenetics and Assisted Reproductive Technology | 2 | 2 | 15 | 35 | 50 |
| 9 | | Seminar | -- | 2 | 35 | 15 | 50 |
| | | TOTAL | | 26 | | | 650 |

Semester –II

| S. No | Paper Code | Title of the paper | Instruction Hrs/ Week | No. of Credits | Marks | | Total marks |
|-------|------------|--|-----------------------|----------------|----------|----------|-------------|
| | | | | | External | Internal | |
| 1 | Core I | Infertility & Ovulation induction methods | 4 | 4 | 70 | 30 | 100 |
| 2 | Core II | General & Systemic Embryology | 4 | 4 | 70 | 30 | 100 |
| 3 | Core III | Quality Assessment Statistics, ethics & legal laws | 4 | 4 | 70 | 30 | 100 |
| 4 | Core IV | Research Methodology & Biostatistics | 4 | 4 | 70 | 30 | 100 |
| 5 | Lab I | Infertility & Ovulation induction methods | 2 | 2 | 15 | 35 | 50 |
| 6 | Lab II | General & Systemic Embryology | 2 | 2 | 15 | 35 | 50 |
| 7 | Lab III | Quality Assessment Statistics, ethics & legal laws | 2 | 2 | 15 | 35 | 50 |
| 8 | Lab IV | | 2 | 2 | 15 | 35 | 50 |

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|---|--|---|----|----|----|----|-----|
| | | Research Methodology & Biostatistics | | | | | |
| 9 | | Seminar | -- | 2 | 35 | 15 | 50 |
| | | TOTAL | | 26 | | | 650 |