

1. Information Related to Course Content

- a. Menstrual & ovarian cycles
- b. Spermatogenesis, ejaculation & spermatozoa
- c. Embryology
- d. Uterine Receptivity
- e. Etiology of female infertility
- f. Evaluation of female factor
- g. Investigations in the female
- h. Evaluation of male factor
- i. Counseling infertile patients for various ART procedures
- j. Treatment of male factors
- k. Treatment of female factor
- l. Endometriosis – Diagnosis & management
- m. Polycystic ovarian disease – Evaluation & management
- n. Recurrent pregnancy loss – Evaluation & management
- o. Fibroids, adenomyosis , hydrosalpinx - Evaluation & management
- p. Intrauterine Insemination(IUI)
- q. Stimulation protocols, OPU ,IVF, ICSI, embryo transfer, embryo freezing, thawing
- r. Oocyte donation
- s. Sperm Donation
- t. Embryo donation
- u. Surrogacy
- v. Setting up of an ART Lab & Endoscopy centre
- w. Equipments required for setting an ART Lab
- x. Quality Assurance & quality control in ART laboratory
- y. Monitoring & treatment of early pregnancy after ART treatment
- z. Management of ectopic pregnancy after ART
- aa. Complications of ART & its management(OHSS)
- bb. Genetics
- cc. Immunology in Infertility
- dd. Fertility enhancing surgeries
- ee. Ethical aspects of infertility management

2. Duration- 1 year

3. Training Facilities

Candidate will get exposure to OPD patients, Examination, History taking, USG, OPD Basis procedures- Follicular Monitoring, IUI, PRP. IPD patients in OT assistance, Pre OP and Post OP patients management, IVF Lab procedures- CASA, ICSI, IMSI. Also hands on surgical cases.

4. Teaching faculty Details(Along with active registration no.)

- i. Dr. Sunita Tandulwadkar, MD,FICS,FICOG. Reg No. 57381
- ii) Dr Rajendra Shitole, MBBS/DGO/DNB/DMAS/FMAS/ Fellowship In Reproductive Medicine. Reg No. 2008/03/0562

iii) Dr Bushra Khan, MBBS/MS/Fellowship In Reproductive Medicine
Reg No. 2007/10/3720

iv) Mr Pawan Kulkani, M.Sc Clinical Embryology

v) Mr Abhishek Takwane, M.Sc Clinical Embryology

5. Infrastructure Facilities

- a. Infertility Consultation & Workshop
- b. 3D/4D Ultrasonography
- c. Hormonal Assays
- d. CASA(computer assisted semen analysis)
- e. Sperm DNA Fragmentation Test
- f. IUI
- g. IVF
- h. Closed Chamber ICSI
- i. IMSI
- j. Time Elapse Embryoscope
- k. Laser Assisted Hatching
- l. Spindle Imaging
- m. PGT-A/ PGT-M
- n. Surgical Sperm Extraction(TESA/PESA/TESE)
- o. Cryopreservation Program(Sperms/Oocytes/Embryos)
- p. Endometria Receptivity Array(ERA)
- q. Advanced 3D Laparoscopic Surgeries
- r. Advanced Robotic Surgeries
- s. Fertility Enhancing Endoscopic Surgeries
- t. Diagnostic and Operative Hysteroscopy
- u. High-Risk Obstetrical Care

6. Fees- 3,60,000/- (Rupees Three Lakh Sixty Thousand Rupees Only)