SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL

SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION
(DEEMED TO BE UNIVERSITY)
IN COLLABORATION WITH MOMSOON ACADEMY



CERTIFICATE PROGRAM

IN INFERTILITY & REPRODUCTIVE MEDICINE

2022-2023

DURATION: 6 MONTHS

ELIGIBILITY: GYNAECOLOGISTS

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With the increase in the incidence of infertility around the globe,

there is a huge dearth of infertility specialists thus making it one of the highly sought after career option for gynaecologists.

Due to the high percentage of people who are experiencing infertility issues, it is expected that infertility is a field that is going to continue to see career growth in the future.

The skills involved in the treatment of infertility are complex delicate, and require adequate hands-on practice.

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The know-how of an expert infertility specialist is crucial for the success of IVF treatments and the proficiency of an infertility specialist contributes a great deal for the success of infertility treatment.

THUS THE "CERTIFICATE PROGRAM IN INFERTILITY & REPRODUCTIVE MEDICINE"

BY SRI SIDDHARTHA MEDICAL COLLEGE & HOSPITAL IS DESIGNED KEEPING IN MIND THE SUBJECT SPECIFIC ACADEMIC NEEDS AND INDUSTRY REQUIREMENTS, WITH THE HELP OF SUBJECT EXPERTS.

This course is for clinicians with an interest in infertility and who wish to improve their understanding of the principles and practices of Assisted Reproductive Technology.

The course will provide an understanding of the complex issues surrounding infertility treatments and the techniques to perform procedures.

To make this course more holistic, stress is also given to the existing guidelines, regulations and protocols that enable the candidates to perform ethically as well as accurately.

CURRICULUM

PART 1A: IUI TECHNIQUE

- o Intra Uterine Insemination: Selection & steps
 - o Stimulation Protocols for IUI
 - o Optimizing IUI results

PART 1B: SEMEN ANALYSIS

- o Semen collection
 - o Measurement of volume and pH
 - o Manual sperm count and motility using sperm counting chambers

PART 1C: SEMEN PREPARATION FOR ART PROCEDURES

- o Sperm wash and re-suspend technique
 - o Double density gradient technique
 - o Swim-up technique

PART 2: BASIC INFERTILITY TRAINING

- o Investigation of an infertile couple
 - o Polycystic Ovarian Disease
 - o Induction of Ovulation
 - o Ovarian Hyper Stimulation Syndrome
 - o Management of Endometriosis with infertility
 - o Management of Fibroids with infertility

CALENDER

AUGUST 2022 - JANUARY 2023

Online learning - 2 months	August 2022 - September 2022
Classroom learning (Part 1) - 1 month	October 2022
Practical training (Part 1) - 1 month	November 2022 - December 2022
Assessments	January 2023

FEBRUARY 2023 - JULY 2023

Online learning - 2 months	February 2023 - March 2023
Classroom learning (Part 1) - 1 month	April 2023
Practical training (Part 1) - 1 month	May 2023 - June 2023
Assessments	July 2023



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