

VIGNESHWARI VANNAMATHI T

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Passionate and detail-oriented recent graduate who is skilled in andrology and micromanipulation techniques. Committed to continuous learning and dedicated to providing exceptional care in assisted reproductive technology.

SKILLS:

Technical Skills:

Semen Analysis, sperm preparation techniques, sperm selection methods such as PICSI, MICROFLUIDICS, HBA, Cryopreservation of Gametes, Oocyte Handling and Pickup, Embryo Vitriification and Thawing, Oocyte Retrieval and Denudation, Laser Assisted Hatching, ICSI and Micromanipulation techniques, time lapse incubator handling, PGT, PGS, BIOPSY, PIEZO-ICSI & DNA isolation techniques.

Other skills :

Effective patient counselling, Cross - language communication, Multi-tasking, Confidentiality, Flexibility, decision making and time management.

EDUCATION

Master of science (M.Sc.) in clinical embryology

Saveetha medical college, Chennai.

2023-2025.

Bachelor of Science in Biotechnology

SRM institute of science and technology, Chennai

2020 –2023.

CERTIFICATIONS

Post-graduation :

- Hands on workshop on Physiological Sperm Selection at Sri Chakra Fertility and Cooper Surgicals.
- Hands on training on IVF - Time Lapse Incubator Technology by Esco Life Science Group.
- Hands on sperm and embryo cryopreservation by MMM and institute of reproductive medicine and women's health.
- Workshop on essentials of infertility for postgraduates by ACS medical college and hospital.
- Workshop on demo of PIEZO-ICSI, semen analysis by AI technology and microfluidics.
- Hands on training on Basics of R-SOFTWARE.
- Certification course on Physiological & Pathophysiological Aspects of Male Infertility.
- Certification course on basics of sexuality and examination.
- Certification course on Female Sexual Dysfunction.

Under-graduation :

- Workshop on cell culture techniques.
 - Training program on stress management for young adults.
 - Poster presentation in international conference **ICBEST**.
 - National conference on “ regulatory aspects in clinical trials”
 - Active member of **BIO-CONSORTIUM** club and attended over 10+ events.
 - Internship at **BIOLIM**, 2022.
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MAJOR PROJECTS

UNDER GRADUATION

Extraction of biofertilizer from cassava and evaluation of growth parameters.

POST GRADUATION

Role of DNA Fragmentation Index (DFI) and Acrosome Integrity in the Acrosome Reaction Using the Hyaluronan Binding Assay.
