

Institute of Translational Health Science

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**SCOPE GLOBAL
SKILLS UNIVERSITY**

CENTRAL INDIA'S 1st SKILLS UNIVERSITY

TRANSFORM YOUR FUTURE IN HEALTH SCIENCE

BHOPAL, MADHYA PRADESH

**ITHSet
2026**

Secure Up to **1,00,000** Scholarship
on Course Fees
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Affordable Excellence at ITHS !*

Pursue your career as **PROFESSIONAL**
EMBRYOLOGIST

B.Sc. / M.Sc./ PGD/ Ph.D.
CLINICAL EMBRYOLOGY

(Under the aegis of ITHS)

SCOPE GLOBAL SKILLS UNIVERSITY

PROSPECTUS
2026-2027

HELPLINE :

+91 - 9815692195

+91 - 9929515472

www.translationalhealthscience.in



ABOUT SGSU & ITHS

Welcome to Scope Global Skill University

Scope Global Skills University (SGSU) is Central India's pioneering skills-focused institution, established in 2023 in Bhopal, Madhya Pradesh. Part of the AISECT Group with over four decades in skill-based education, it aligns with NEP 2020, NSQF, and UGC standards to deliver industry-ready training through practical curricula and apprenticeships. SGSU emphasizes "Education with Skill," blending 70% hands-on learning across sectors like health sciences, technology, and management to foster job-ready professionals. Its 26-acre AI-first campus features state-of-the-art labs and global partnerships, promoting innovation and holistic development.

Institute of Translational Health Science (ITHS): Leading Translational Health Education

India's premier institute for advanced health science programs, ITHS specializes in clinical embryology, stem cell technology, cancer biology, nutrigenetics, and more, delivering UGC-approved degrees with hands-on lab training. Affiliated with NAAC-accredited universities across multiple North India campuses, it emphasizes real-world skills, research opportunities, and industry collaborations like EmbryoGenesis for ART expertise, INNRR for Nutrigenetics expertise. ITHS, a unit of Dakshin Kosal Education & Health Foundation, founded by Ms. Jyoti Garhewal & Prof. Pulakes Purkait in 2023.

Pioneering Clinical Embryology in Partnership with ITHS

Institute of Translational Health Science (ITHS) a visionary institution committed to bridging academia and industry, proudly offers the Clinical Embryology course in strategic association with the Scope Global Skill University. Nestled at the forefront of skill-based education in India, we empower aspiring professionals with cutting-edge training in assisted reproductive technologies, fertility diagnostics, and embryology protocols. This collaboration leverages ITHS's expertise in translational health sciences to deliver hands-on, industry-aligned curriculum, state-of-the-art labs, and real-world exposure—preparing graduates to excel in IVF clinics, research labs, and reproductive health startups. Join us to shape the future of reproductive medicine.

SCOPE GLOBAL SKILLS UNIVERSITY



Dr. Siddharth Chaturvedi
Chancellor, SGSU



Dr. Vijay Singh
Vice Chancellor, SGSU



Dr. Sitesh Kumar Sinha
Registrar, SGSU

INSTITUTE OF TRANSLATIONAL HEALTH SCIENCE



Ms. Jyoti Garhewal
Founder & Director, INNRR & ITHS
Co-Founder & Director, EMBRYOGENESIS



Prof. Pulakes Purkait
Director, ITHS & INNRR
Founder, EMBRYOGENESIS

MESSAGE FROM THE **FOUNDER, ITHS**



JYOTI GARHEWAL

M.Sc., Ph.D.

Patent: 8
Publication: 2

National Diagnostics & Innovation Award 2026,
by Voice of Healthcare, Mumbai
for "Excellence in Reproductive
Diagnostics",

Dear Future Pioneers in Health Sciences,

Welcome to the Institute of Translational Health Science (ITHS), where we bridge the gap between groundbreaking research and real-world healthcare impact. As Founder, I am thrilled to invite you to join our vibrant community dedicated to advancing translational health sciences, paramedical excellence, and innovative biomedical solutions. At ITHS, we empower students like you with cutting-edge curricula in molecular diagnostics, laboratory protocols, and startup incubation—equipping you to lead in India's evolving healthcare landscape. Our state-of-the-art facilities, expert faculty, and industry collaborations ensure you graduate not just with knowledge, but with the skills to transform lives.

Embrace the opportunity to innovate, collaborate, and excel. ITHS is more than an institute; it's your launchpad to a fulfilling career in health sciences.

With best wishes for your bright future,

Jyoti Garhewal
Founder, ITHS

MESSAGE FROM THE **DIRECTOR, ITHS**



Prof. Pulakes Purkait

M.Sc., Ph.D., Post Doc,
JRF, SRF, PDF

Patent: 15+
Publication: 30+

Best Innovator Award, 2025,
at IIT Delhi, by Govt. of India

Dear Aspiring Health Science Leaders,

It is my privilege, as Director of ITHS, to welcome you to an institution at the forefront of translational health sciences and paramedical education. We are committed to nurturing the next generation of innovators who turn scientific discoveries into tangible healthcare solutions.

Our programs in biomedical research, advanced diagnostics, and clinical protocols blend rigorous academics with hands-on training in world-class labs. Through strategic partnerships and startup incubation support, we prepare you for dynamic roles in research, policy, and entrepreneurship.

Join us to unlock your potential and contribute to India's health revolution. At ITHS, your journey to excellence begins today.

Warm regards,

Prof. Pulakes Purkait
Director, ITHS
+91 9599877196

WHAT IS CLINICAL EMBRYOLOGY?

Embryology is the science that deals with the development and growth of an individual before birth. It begins with fertilization of an oocyte (ovum) by a sperm and culminates with the birth of the baby.

Clinical Embryology is a stream of biology which mainly focuses on the study of fertilisation of eggs and the healthy development of the embryos. Specialised persons working in the field of Clinical Embryology are known as embryologists. An embryologist focuses on the creation of embryos outside the mother's womb (Embryology Laboratory) with the help of sperm and eggs. Therefore, they play a very critical role in the lives of couples devoid with naturally conceiving abilities. In a country, like India, where a massive population has been facing issues like infertility, embryologists are often considered as life-savers for families and couples. Eminent medical institutions and organisations have been offering multiple courses in Clinical Embryology course to help raise exceptional medical practitioners for the future.



COURSE AND ITS SCOPE

Since the birth of the first test-tube baby (Louise Brown born in Manchester, England on 25th July 1978) and the first test tube baby of India "Durga" born in Calcutta, West Bengal on 3rd October 1978) through In-Vitro Fertilization (IVF), IVF centers have mushroomed around the world. Although, infertility affects about 15-20% of married couples and it is a huge social problem in many countries. In India alone, there are more than 2000 IVF centers to treat infertile couples and this number would increase multiple folds in coming years.

At the moment, there is a huge shortage of in-house embryologists. The exponential growth of IVF centers has necessitated the need for qualified embryologists. The course "Clinical Embryology" has been designed to meet the shortage of qualified embryologists and proposed regulatory requirements of ART Bill 2022 of Govt. of India and Indian Council of Medical research (ICMR). The course offers theoretical as well as Hands-on practical knowledge in Reproductive biology, Andrology, basic and advanced embryology, reproductive genetics & Counselling, infertility management and ART techniques at the master's as well as PG Diploma level. After completing the course students will be equipped with sound technical knowledge of embryology & genetics and they will be ready to work in any advanced IVF center.



Patrick Steptoe and Robert G Edwards pioneered the development of the technique of in vitro fertilization. Louise Brown is the first test tube baby born in 25th July, 1978., in Manchester, England, UK.



Dr. Subhash Mukherjee
'Creator of Durga'



Born
Navratri - 3rd Oct 1978



Prof. Sunit Kumar Mukherjee
Embryologist



Durga: India's 1st Test-Tube Baby

Dr. Subhas Mukhopadhyay and "Durga" the first Test Tube baby in India, born in 3rd October 1978, in Calcutta, West Bengal.

PROGRAMS OFFERED

B.Sc. (Hons / Research)

CLINICAL EMBRYOLOGY & Assisted Reproductive Technology

Eligibility : 12th Pass (Physics, Chemistry, Biology)

Duration : 3 Years / 4 Years

Course Fee : INR 40,000/- / Sem + Registration Fee



M.Sc.

CLINICAL EMBRYOLOGY & Assisted Reproductive Technology

Eligibility : B.Sc. in any Life science , Allied Health Science or any other equivalent degree

Duration : 2 Years Course Fee : INR 1,00,000/- / Sem + Registration Fee



PG Diploma

CLINICAL EMBRYOLOGY & Assisted Reproductive Technology

Eligibility : B.Sc. in any Life science , Allied Health Science or any other equivalent degree

Duration : 1 Year

Course Fee : INR 1,00,000/- Sem + Registration Fee



Ph.D. in Science **(CLINICAL EMBRYOLOGY)**

Eligibility : Post Graduation and as UGC norms

Duration : 3-4 Years

CAREER **OPPORTUNITIES**

- Embryologist
- Lab Director
- ART quality manager
- Professor
- Researcher
- Academician

INTERNSHIP & RESEARCH



Realtime IVF Hands-on Training & Internship at



The Hub of Game - Changing Healthcare Research collaborators -



MOU between ITHS & SGSU



MENTORS



University Partner of ITHS

Transform Your Future in Health Science



Bhopal, Madhya Pradesh



SCOPE GLOBAL SKILLS UNIVERSITY
CENTRAL INDIA'S 1st SKILLS UNIVERSITY

Shimla, Himachal Pradesh



BAHRA UNIVERSITY
ASPIRATIONS TO REALITY

Hoshiarpur, Punjab



RAYAT BAHRA
PROFESSIONAL UNIVERSITY
ASPIRATIONS TO REALITY

Chandigarh



RAYAT BAHRA
UNIVERSITY
ASPIRATIONS TO REALITY

WHY YOU JOIN ITHS-SGSU ?

- More than 200+ Industrial Collaboration for Internship & Research
- 100% support for Entrepreneurship & Placement
- Scholarship on Course fees*
- Internationally recognized faculty
- Personalised training by Industry experts
- Curriculum as per National Education Policy (NEP 2020)
- Course completion Certificate from ITHS
- Novel Research & Development



**Think
Research
Think
ITHS** #

SCHOLARSHIP

Unlock Up to **₹1,00,000** Scholarship on Embryology Course Fees

- Empower Your Future in Embryology at ITHS!*



**ITHSet
2026**



ADMISSION HELPLINE:

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Prof. Pulakes Purkait :

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CONTACT US

CLINICAL EMBRYOLOGY

(Under the aegis of ITHS)

School of Modern Science

SCOPE GLOBAL SKILL UNIVERSITY

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