



RAYAT-BAHRA
UNIVERSITY
Chandigarh



NAAC
ACCREDITED

Origin
LIFE

Regenerating Fertility Delivering Happiness



PROSPECTUS

2025-26

Department of Clinical Embryology & Reproductive Genetics
University School of Allied Health Sciences
Rayat-Bahra University

ABOUT THE UNIVERSITY

Rayat-Bahra University (RBU) is NAAC accredited, established under Punjab act no. 16 of 2014 vide notification no. 17-leg/2014 dated 13th August 2014 and notified by UGC under section 22 of the UGC act 1956, is empowered to award degree vide letter No. 8-23/2014 (CPP-I/PU Dated 26th Sept 2014 by University Grant Commission (UGC). Just within the vicinity of the city beautiful Chandigarh, and well within the reach of the facilities of the city stands the thriving campus of Rayat-Bahra University (RBU).

The university is providing quality education in the field of Reproductive Science, Genetics, Clinical Embryology, Health, Allied Sciences, Agriculture, Nursing, Engineering, Pharmaceutical Sciences, Dentistry,

Management, Hospitality, Education, Sciences, and Law Schools of Excellence. The university offers a choice based flexible learning system, enabling interdisciplinary approach for learners to learn at their own pace and choose electives from other available courses as well as to take up some additional/value-added courses to increase their employability skills.

To emerge as the top education institute and to reduce industry-academic gap RBU has entered into partnership with numerous companies and research institutes including Origin LIFE, IBM, Wipro, Zscaler, Mahindra, ITC, Infosys and Royal Enfield etc. RBU has extended its presence into medical field by establishing Bahra Hospital to provide medical services to the society.



UNIVERSITY CAMPUS



S. Gurvinder Singh Bahra
Chancellor, RBU



Prof. (Dr.) Parvinder Singh
Vice Chancellor, RBU



Mr. Gurinder Singh Bahra
Vice Chairman, RBGI



Mr. Pankaj Kumar Verma
Vice President - Marketing & Admissions, RBGI



Prof. (Dr.) Dinesh Sharma
Registrar, RBU



Dr. Satish Kumar Bansal
(Dean, Academic Affairs, RBU)



Dr. Pankaj Kaul
(Dean, USAHS, RBU)



Ms. Dipneet Kaur - HOD
Department of Clinical Embryology & Reproductive Genetics
Director, Origin LIFE

ABOUT THE DEPARTMENT

RBU values the importance of new-age curriculum and keeps adding an industrial blend with academics as per future trends in emerging medical sciences. Origin LIFE, Chandigarh in association with Rayat-Bahra University introduced "Department of Clinical Embryology & Reproductive Genetics (CERG)" under the guidance of Dr. S. S. Gill Founded by Ms. Dipneet Kaur in 2022, Under the University School of Allied Health Sciences, RBU.

Department of Clinical Embryology & Reproductive Genetics is offering Doctorate, Post-graduation, under graduation, diploma, Value added Courses & short-term certification courses. We believe that practical exposure is indispensable for industry-level proficiency, complementing theoretical knowledge. Hands-on practical training will give extra mileage to the students as well as professionals in the Assisted Reproductive Technology (Embryology), Molecular Genetics and IVF field.

Origin LIFE Healthcare Solutions & Research Centre LLP stands as a leading institute specializing in infertility/subfertility diagnostics and research, working since year 2019 in the heart of city beautiful Chandigarh, India. Origin LIFE has been conducting training courses in Biochemistry, Molecular Genetics and Bioinformatics techniques for the past several years. Origin LIFE also conducts symposiums and workshops for subfertility specialists and the general community. For trainings and placements, Origin LIFE is having tie-ups with country's leading companies and hospitals working in the field of ART.

On completion of course, students would acquire skills to perform routine andrology, embryology, micromanipulation of gametes and embryos, cryopreservation of gametes, embryos and ovarian tissue and embryo culture that are performed in an IVF Centre & IVF research centre.



OUR TEAM

OUR FACULTY



MS. DIPNEET KAUR
HOD/Director



DR. SURJEET KUMAR
Professor,
Senior Embryologist



DR. SUNIL KUMAR
Associate Professor &
Research Scientist



EMB. PRIYANKA SHARMA
Assistant Professor,
Senior Embryologist



DR. RAJWINDER KAUR
Assistant Professor



MRS. KANISHKA
Assistant Professor



MS. TANU
Assistant Professor



EMB. PALLAVI SHARMA
Assistant Professor,
Junior Embryologist



DR. SUNAINA JASWAL
Junior Scientist &
Assistant Professor



DR. PREETI JINDAL
Visiting Professor,
Gynaecologist



DR. SUMITU SAHDEV
Visiting Professor,
Senior Embryologist



DR. ASIF MUHAMMED
Visiting Professor,
Senior Embryologist

Current practices and Hands-on practical exposure by Industry experts:

Dr. Preeti Jindal - Having 20+ years of experience as a Gynecologist and IVF Expert with more than 50 National & International publications, winner of Most influential women, winner of "Women of Substance" award and many more.

Dr. Surjeet Kumar - With over two decades of experience as an embryologist, Dr. Surjeet Kumar imparts his invaluable practical knowledge to our students, offering guidance that will prove beneficial throughout their careers.

Dr. Muhammed Asif - Having 10+ years of experience as a clinical embryologist with India's leading IVF centres.

Dr. Priyanka Sharma - Leveraging her extensive 10+ years of experience, she is imparting her expertise of embryology to our students, empowering them to become the best versions of themselves.

MISSION AND VISION

Mission: Enabling a new generation of highly skilled embryologists, our mission is to provide an exceptional educational experience that blends theoretical knowledge with hands-on expertise. We strive to prepare students for impactful career in Embryology, fostering a deep understanding of assisted reproductive technologies (ART), reproductive medicine and research challenges.

Vision: Our vision is to be a distinguished hub for excellence in embryology & reproductive genetics, shaping future leaders who will advance the frontiers of reproductive science. We aim to reduce industry-academic gap & create an environment that promotes entrepreneurship, innovation, research, and ethical practices contributing to breakthroughs in fertility treatments and reproductive health.



PROGRAM HIGHLIGHTS

- ▶ International standards of Technology & Infrastructure
- ▶ Interdisciplinary approach
- ▶ Faculty with exceptional expertise
- ▶ Trainings by industry experts at different centres across the country
- ▶ Best in the industry scholarship program
- ▶ **100% job placements guaranteed**

COURSE AND ITS SCOPE

The ART Act 2021 passed by the Govt of India mandates that embryologists working in an embryology/IVF laboratory should hold a master's degree. The below-mentioned courses fulfil this requirement, focusing specifically on clinical embryology and genetics, providing an advantage for those aspiring to pursue a career in embryology. Career prospects for embryologists include various opportunities in the field of reproductive medicine and assisted reproductive technologies (ART). Some potential career paths for embryologists are:

1. Entrepreneurship
2. IVF lab Director
3. IVF lab Manager
4. Clinical Embryologist - Senior/Junior
5. Geneticist
6. Genetic Counsellor
7. Research Scientist
8. Cryobiologist
9. Academician

**100%
PLACEMENTS**

**M.Sc. Batch
2022-24**

**OUR HIGHEST
PACKAGE**

48 LPA

Embryologists can find opportunities in various settings, including fertility clinics, hospitals, research institutions, and academic organizations. The field continues to evolve, creating new avenues for professionals to contribute to advancements in reproductive health and Technology.



Well Equipped Lab for Hands-on Experience



**Clinical Embryology students in Lab
with professors**



**The esteemed Chancellor sir presenting
award to 'Student of the year 2024'**

COURSE STRUCTURE AND FEES

Courses	Duration	Annual Fee (INR)	Total Fee (INR)	Eligibility	Seats
Ph.D. in Clinical Embryology	3-5 Years	1,50,000	4,50,000	M.Sc. in Embryology, Life Sciences & Research Field	30
M. Sc. (Hons.) in CERG	2 Years (4 Semesters)	2,95,000	5,90,000	B.Sc. in Life Science & Related Field	30
B.Sc. (Hons.) in CERG	4 Years (8 Semesters)	1,00,000	4,00,000	10+2/12th boards with Physics, Chemistry, Biology, Bio+Math	30
PG Diploma in CERG	1 Year (2 Semesters)	3,00,000	3,00,000	M.Sc. in Life Science & Related Field	20

CERG- Clinical Embryology & Reproductive Genetics

FOR INTERNATIONAL STUDENTS

Course	Total Fee	Annual Fee
PG Diploma in CERG 1 Year	5,420 US\$	5,420 US\$
M.Sc. (Hons.) In CERG 2 Year	9,000 US\$	4,500 US\$
B.Sc. (Hons.) in CERG 4 Year	6,720 US\$	1,680 US\$

SCHOLARSHIP UPTO 40% ON TOTAL COURSE FEE FOR ELIGIBLE CANDIDATES *

AFTER COMPLETION OF M.Sc. (Hons.)

STUDENTS WILL:

- Develop expertise in micromanipulation techniques (IVF, ICSI) and microsurgical procedures (TESE, MESA, PESA).
- Gain competence in cryopreservation of gametes, embryos, and reproductive tissues.
- Acquire skills in embryo biopsy and pre-genetic screening.
- Attain a thorough understanding of quality control and risk management in Assisted Reproductive Technology (ART).
- Acquire knowledge in research methodology and techniques, enabling independent project work in ART.
- Attain in-depth knowledge about legal and ethical aspects related to ART practice.
- Upon completion of MSc in Clinical Embryology & Reproductive Genetics, students will be well-prepared to engage in clinical embryology & research. Students can further Enroll in our Ph.D. Embryology program to pursue advanced research opportunities.

AFTER COMPLETION OF B.Sc. (Hons.)

STUDENTS WILL:

- Acquire understanding of cellular biology and biophysical techniques.
- Attain comprehensive knowledge of human reproductive biology and genetics.
- Receive training in infertility counselling.
- Establish proficiency in setting up an andrology lab and familiarity with andrology techniques.
- Attain a thorough understanding of quality control and risk management in Assisted Reproductive Technology (ART).
- Attain in-depth knowledge about legal and ethical aspects related to ART practice.

CERTIFICATE PROGRAMS

Course	Duration	Fee (INR)	Eligibility
Certificate Course in Andrology (BASIC)	1 Week	15000/-	B.Sc., M.Sc. Embryology), Other Life Sciences
Certificate Course in Andrology (ADVANCED)	2 Weeks	30,000/-	B.Sc., M.Sc. (Embryology), Other Life Sciences
Certificate Course in Andrology & Embryology	3 Months	60,000/-	B.Sc., M.Sc. (Embryology), Other Life Sciences
Certificate Course in IUI (Ovulation Induction Included)	2 Weeks	30,000/-	M.Sc. Embryology, MD Gynaecology, Junior/Senior Embryologist
Certificate Course on Setting up & Controlling an IVF Laboratory to maximize results	3 Weeks	70,000/-	M.Sc. Embryology, MD Gynaecology, Junior/Senior Embryologist, ANM, GNM
Expert Training in IVF & ART - BASIC	3 Months	3,00,000/-	M.Sc. Embryology, MD Gynaecology, Junior/Senior Embryologist
Expert Training in IVF & ART – ADVANCED	6 Months	6,00,000/-	M.Sc. Embryology, MD Gynaecology, Junior/Senior Embryologist

OUR INDUSTRIAL COLLABORATIONS FOR TRAINING & PLACEMENTS:

- Cloudnine Hospital
- Indira IVF
- IRCC Hospital, Panchkula
- Jawaharlal Nehru Medical College, Wardha
- Momsoon Fertility and IVF Centre, Bangalore
- Govt. P G College, Nahan
- Embrion IVF Centre, Ahmedabad
- Sparsh Women's Hospital, Udaipur
- Crysta IVF, Delhi
- Matritava Advanced IVF & Training Centre, Delhi
- Advance Fertility Services & IVF Centre, Jalandhar
- The Bliss IVF and Gynae Care, Noida
- Iqbal Nursing Home & Hospital, Ludhiana
- Wings IVF Hospital, Gujrat

KEY HIGHLIGHTS OF YEAR 2024-25



Industrial Visit at NDRI, Karnal



Students freshers party of Batch 2024



Respectable chancellor sir interacting with students and addressing the issues



Final Year Students With Thesis

HOW TO APPLY FOR ADMISSION

Completed application form along with a scanned copy of documents must be sent to the below address, E-mail or WhatsApp.

DEPARTMENT OF CLINICAL EMBRYOLOGY & REPRODUCTIVE GENETICS

2nd Floor, Rayat-Bahra Dental College & Hospital, Rayat-Bahra University
Chandigarh-Ropar NH 205, Greater Mohali, Punjab, India-140103
(VPO Sahauran, Tehsil Kharar, Distt. Kharar, Punjab)

Contact: + 91 7888546127

Email: embryology@rayatbahrauniversity.edu.in

SCAN FOR MORE DETAILS

