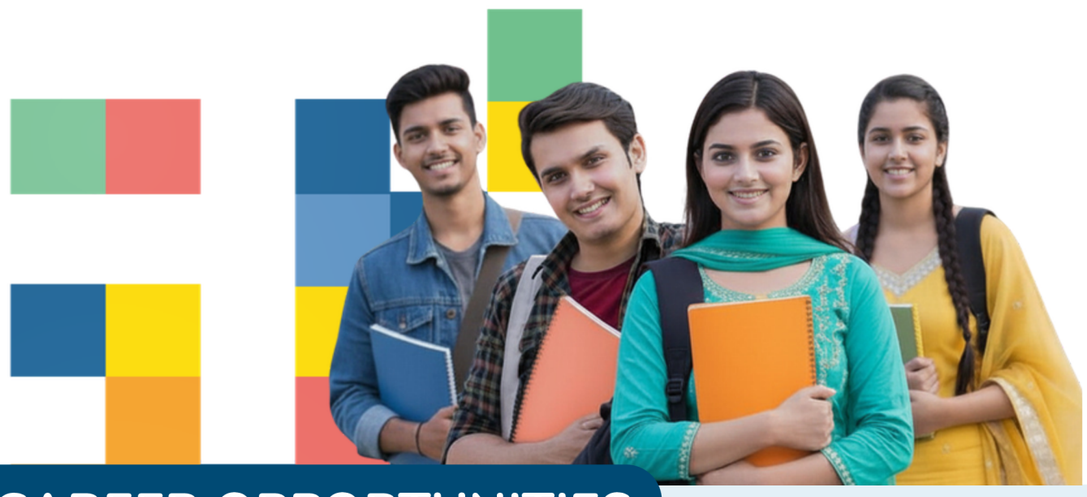
KVELL

COLLEGE OF EMERGING SCIENCES

B.Sc. (Hons.) in Nano Sciences and Regenerative Medicine

B.Sc. (Hons.) in Nano Sciences and Regenerative Medicine is a four-year undergraduate honours program that combines the principles of nanotechnology, biomedical sciences, biotechnology, and regenerative medicine to prepare students for careers in next-generation healthcare and medical innovation. The program focuses on developing advanced technologies for tissue repair, organ regeneration, targeted drug delivery, stem cell therapy, and nanomedicine.

The curriculum provides a strong foundation in biology, chemistry, physics, nanoscience, molecular biology, biomaterials, stem cell biology, tissue engineering, regenerative medicine, and biomedical research. Students gain hands-on experience through laboratory training, research projects, internships, and exposure to cutting-edge technologies used in healthcare, biotechnology, and pharmaceutical industries.



KEY HIGHLIGHTS

Duration: 4 Years (8 Semesters)

Eligibility: Bio Maths, Computer Science, Pure Science, Bio Computer Science, Vocational (only Engineering, Nursing, Agricultural).

Mode: Full-Time

Practical Exposure

Advanced laboratory training, nanotechnology applications, stem cell research, biomaterials development, tissue engineering, internships, and research projects.

Core Areas

Nanotechnology, Nanomedicine, Stem Cell Biology, Regenerative Medicine, Tissue Engineering, Biomaterials, Molecular Biology, Drug Delivery Systems, Biomedical Imaging, and Biomedical Research.

CAREER OPPORTUNITIES

- Nanotechnology Research Associate
- Regenerative Medicine Technologist
- Biomedical Research Assistant
- Tissue Engineering Specialist
- Stem Cell Laboratory Technologist
- Nanomedicine Scientist
- Clinical Research Associate
- Biomedical Product Development Executive
- Pharmaceutical Research Associate
- Biotechnology Analyst
- Quality Assurance Executive
- Academician or Research Assistant

ADMISSIONS OPEN 2026 -27

www.kvell.in 9842069933

FOUNDED BY KARPAGA VINAYAGA EDUCATIONAL TRUST

25 YEARS LEGACY OF EDUCATIONAL EXCELLENCE

KARPAGA VINAYAGA EDUCATIONAL LORE FOR LEARNING DEEMED TO BE UNIVERSITY

GST Road, Chinnakolampakkam, Madhuranthakam, Chengalpattu – 603 308