

DEBESH HARH

Research Scholar | PhD (Tissue Engineering) | IIT Kharagpur

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PROFESSIONAL SUMMARY

Currently Pursuing PhD in **tissue engineering & biomaterials** under Dr. Santanu Dhara at IIT Kharagpur. **M.Tech Biotechnology (CGPA 8.23, 2022). GATE 2024 AIR 45 (Biotech)**. Expertise in **3D printing/bioprinting**, molecular biology, SDS-PAGE, Western blotting, PCR, ELISA, biomaterials characterization.

EDUCATION

PhD in Tissue Engineering (2024–Present)

School of Medical Science & Technology, **Indian Institute of Technology Kharagpur**
Supervisor: Dr. Santanu Dhara (Biomaterials & Tissue Engineering Lab)

Integrated B.Tech-M.Tech Biotechnology, CGPA 8.23 (2017-2022)

KIIT School of Biotechnology, Bhubaneswar

Higher Secondary (WBCHSE), 86% (2017) · Matriculation (WBBSE), 88% (2015)

Ghatal Vidyasagar High School

KEY ACHIEVEMENTS

- GATE 2024:** All India Rank **45** in Biotechnology
- Conferences:** RADMED 2026, STEP-in 2026
- Leadership:** Captain, U-16 District Cricket Team (West Midnapore)
- Sports:** Best Batsman Award, Kinesis-2017
- Arts:** 2nd Runner-up, Inter-District Fine Arts (2013)

RESEARCH & TECHNICAL EXPERTISE

Core Research: Tissue engineering biomaterials (PhD, IIT Kharagpur)

3D Printing & Bioprinting

Molecular Biology: SDS-PAGE, Western Blotting, PCR

Immunology: ELISA

Biomaterials: Hemocompatibility testing, Dermal irritation studies

PERSONAL INFORMATION

Languages: English, Bengali, Hindi

Hobbies: Cricket, Drawing