

# Sammohan Krishna Das

(Pursuing Ph,D, School of Medical Science & Technology, Indian Institute of Technology, Kharagpur.  
M.Sc, Life Sciences, Presidency University, Kolkata)

---

## CONTACT

**Email:** [skdas.research@gmail.com](mailto:skdas.research@gmail.com)

**Phone:**  
(+91) 9903597162

## CURRENT AFFILIATION

Research Scholar at Biomaterials and Tissue Engineering laboratory, School of Medical Science & Technology, Indian Institute of Technology, Kharagpur.

From 2024

P.I. – Prof. Santanu Dhara  
Co. P.I. – Dr. P. C. Shukla

## EDUCATION

**Master of Science in Life Sciences**  
Presidency University, Kolkata, West Bengal  
CGPA: 9.25

October 2021-July 2023

**Bachelor of Science (Hons.) in Life Sciences**  
Presidency University, Kolkata, West Bengal  
CGPA: 9.19

August 2018 – July 2021

**Higher Secondary Examination (90.8%)**

2017

**Madhyamik Examination (92.86%)**

2015

-Both from Sarisha Ramakrishna Mission Siksha Mandir, Sarisha, South 24 PGS, West Bengal

## PREVIOUS RESEARCH EXPERIENCE

M.Sc Dissertation under Dr. Santanu Chakraborty, Heart Development and Diseases Laboratory, Presidency University, Kolkata.  
Topic: Generation of adult cardiac fibrotic rat model using chronic dosage of isoproterenol.  
Duration: Jan-May 2023

## TECHNICAL EXPERTISE

- Animal Handling
- RT-PCR
- RNA/Protein isolation
- Histology
- IHC staining and analysis
- Bioinformatics tools and websites (ImageJ, NCBI, PDB, UniProt, DDBJ, STRING etc.)
- Fabrication Techniques [Electrospinning, mold-casting etc.]

## CERTIFICATION COURSES

- Smart Professional MIS (from Aptech, Behala, Kolkata)
- NPTEL Bioreactor Design and Analysis course (Jan-March 2023)
- NPTEL Introductory Mathematical Methods for Biologists (Jan – March 2024)

**FIELD EXPOSURE**

- Field trip to Sunderbans in account to understand wildlife and ecosystem (2019) in academic curriculum.
- Field trip to Dooars in account to wildlife and ecosystem (2022) in academic curriculum.

**CLEARED NATIONAL EXAMS:**

1. GATE 2024 LIFE SCIENCES (XL) (AIR: 13)
2. DBT BET (2025) JRF Category – I
3. CSIR UGC-NET 2024 (JUNE) Lectureship in Life Sciences (LS RANK: 35)
4. CSIR UGC-NET 2022 (JUNE) Lectureship in Life Sciences (LS RANK: 42)
5. GATE 2022 LIFE SCIENCES (XL) (AIR: 448)
6. GATE 2022 BIOTECHNOLOGY (BT) (AIR: 687)
7. TIFR GS 2024 (JGEEBILS)