

# Ritobrato Chatterjee

Int. PhD, Biological science

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## Education

2020 - present	IISER Thiruvananthapuram	8.50/10
2017 - 20	Ramakrishna Mission Vidyamandira (University of Calcutta) Bachelor of science, Zoology (major) with chemistry & microbiology.	8.93/10
2016	12 <sup>th</sup> (Senior Secondary Examination) West Bengal Board of Higher Secondary Education	82.8%
2014	10 <sup>th</sup> (Secondary Examination) Council of Indian School Certificate Examination.	91.6%

## Internships & Trainings

Sept'23-Oct'4, 2019	<b>Proteomics conference &amp; workshop, IIT Bombay, Mumbai, India</b> <ul style="list-style-type: none"><li>• Protein extraction (FFPE sample) and quantification processes.</li><li>• Various high throughput proteomics technique, including mass spectroscopy and 2D PAGE.</li><li>• Data analysis techniques.</li></ul>
May'29-July'15, 2019	<b>Research intern, RKM Vivekananda University, Kolkata, India</b> <ul style="list-style-type: none"><li>• Worked on project for cloning the upstream &amp; downstream region of <i>CpCse4</i> ORF for <i>CpCse4</i> gene deletion studies in <i>Candida parapsilosis</i>.</li></ul>
Feb-Apr, 2019	<b>Completed a twelve weeks course: "applications of interactomics using genomics &amp; proteomics" &amp; certification, NPTEL, IIT Bombay</b>
Sept, 2018	<b>Participated in exploration &amp; biodiversity study of mangrove ecosystem, Sundarbans, India</b>

## Projects

Jan, 2021	<b>Developed the website for Proteus, biology club of IISER Thiruvananthapuram.</b> ( <a href="https://proteusiisertvm.github.io/Proteus/">https://proteusiisertvm.github.io/Proteus/</a> )
2020	<b>Completed a review article on the evolution &amp; regulation of meiotic recombination hotspots (unpublished).</b>

## Technical Skills

Languages:	Python, JavaScript, html, CSS
Computer app:	Proficient in MS Office, PowerPoint & Excel.
Technologies:	Gene cloning techniques, RNA isolation and cDNA prep, Microbiological techniques, Bioinformatics, Web development.

## Additional Information

2020 - present	Developer and writer at Proteus. Networking team member in placement cell, IISER TVM.
2018 - 19	Editor for wall magazine "ZOOLOGIC", Dept. of zoology, RKM Vidyamandira.
2017	Stood 4 <sup>th</sup> (3-member team) in "ZOOQUESTS" quiz competition held by University of Calcutta.
2017 - 2020	"Blood donors' motivation" movement campaigner. Hobbies include reading fictions, trekking and music.