
Hrushikesh Sunil Gore

BIOLOGY UNDERGRADUATE

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Summary & Objective

Science student returning to the university due to difficult prior education & life; Science Undergraduate focused on Biology, especially Origins of Life, Evolution & Ecology;
Research Interests: - Aesthesis Themed Integrative Theoretical Origins of Life, Evolutionary Biology, Ecology & Environmental Sciences,

Education

2022-present	Indira Gandhi National Open University, New Delhi, India Bachelor of Sciences General (BSCG) in Botany, Chemistry, Zoology
2014-2015	Queen Mary, University of London, Post-Graduate Certificate in Ecology & Evolutionary Biology, With Merit Research on Computational Genomics Advisor: Prof. Richard Buggs
2010-2012	North Bengal University, Siliguri, India MSc Biotechnology With Distinction Thesis on Microbial Bioinformatics Advisor: Prof. Ranadhir Chakraborty
2006-2010	Pravara Institute of Medical Sciences, Loni, India BSc Life Science (Medical Biotechnology) With First Class

Honors and awards

International Travel Grants -Society for Mathematical Biology availed to Attend INI Workshop; Gordon Research Conference & Seminar- unavailed, unattended; KVPY Fellowship, DBT MSc & QMUL MSc Scholarships, CSIR-UGC NET LS Life Sciences Certification);

Research experience

Used Bioinformatic Tools for genomics of bacteria at NBU (2012) & Primates at QMUL (2015); Developed a theoretical Evolutionary Framework (2014-present) with focus on Aesthesis Themed Integrative Theoretical Origins of Life, Evolutionary Biology, Ecology & Environmental Sciences;

Teaching experience

Interned to conduct workshops on Biotechnology (while at PIMS) & Ecology & Evolutionary Biology (After QMUL), specifically including theoretical evolutionary biology topics at Learning Centre, Nasik, Maharashtra, India; Briefly taught MSc Bioinformatics Students at MGM IBT, Aurangabad, Maharashtra, topics- Phylogenetics, Classification & Computational Biology;

Publications

- 2018 **The Evolutionary Framework September 2018**
Draft of Independent Research,
- Posters:**
- 2016 **Random for a Reason: How Stochasticity is Fitter**, Stochastic Dynamical Systems in Biology Opening Workshop, Isaac Newton Institute for Mathematical Sciences, Cambridge University,
- 2018 The Origins Gordon Research Seminar & Conference, with travel grant (unavailed & unattended)
1. Mathematical Locus of The Origins of Life
2. Quantization and Atomization in the Origins of Life
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Conferences & Seminars

- 2016 **Opening workshop in Stochastic Dynamical Systems in Biology Program**,
at the Isaac Newton Institute for Mathematical Sciences, Cambridge University, United Kingdom,
Attended Various Regional & National Conferences
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Professional training & Computer Skills

- SciWrite: Writing in the Sciences**,
Massive Open Online Course from Stanford University
- Aim to Gain** Academic & Research skills relevant to Aesthesis Themed Integrative Theoretical Origins of Life, Evolutionary Biology, Ecology & Environmental Sciences
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Professional affiliations

- (past) American Society of Naturalists**
- (past) Society for Mathematical Biology**
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