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### **Educational Qualifications**

**Junior Research Fellow (UGC), Indian Institute of Science, Education and Research, Kolkata, West Bengal, India** 12/2017- Present

Area of research: Neuroimmunology, Neurovirology  
Guide: Prof. Jayasri Das Sarma

**University of Calicut, Kerala, India, M. Sc., Biotechnology,** 07/2017  
Division: First Class with Distinction

**R. P. Gogate College of Arts and Science and R. V. Jogalekar College of Commerce, University of Mumbai, Maharashtra, India, B. Sc., Biotechnology.** 07/2015  
Grade: O

**P. G. Abhyankar Junior College of Arts and Commerce and R. B. Kulkarni Junior College of Science, Ratnagiri, Maharashtra, India Higher Secondary (MSBSHSE),** 05/2012  
Subjects: English, Sanskrit, Mathematics and Statistics, Physics, Chemistry and Biology  
Percentage: 80.00

**Shreeman Gangadhar Govind Patwardhan English Medium School, Ratnagiri, Maharashtra, India Secondary (MSBSHSE),** 06/2010  
Subjects: English, Marathi, Sanskrit, Mathematics, Science and Technology and Social Sciences  
Percentage: 93.09

### **Additional Qualifications**

**R. P. Gogate College of Arts and Science and R. V. Jogalekar College of Commerce, University of Mumbai, Maharashtra, India, Add-On-Course Scheme of U. G. C., New Delhi, India** 2014  
Diploma Course in Tissue Culture  
Marks: 359/400  
Certificate Course in Tissue Culture 2013  
Marks: 362/400

**Maharashtra State Board of Technical Education, Mumbai, Maharashtra, India** 2013  
Maharashtra State Certificate in Information Technology (MS- CIT),  
Marks: 97/100

**Updated:** Date

**Research Experience**

- Junior Research Fellow, Indian Institute of Science, Education and Research, Kolkata, West Bengal, India** 12/2017- Present  
 Guide: Prof. Jayasri Das Sarma  
 Thesis title: *Understand the regulatory role of inducible nitric oxide synthase (iNOS) in neuroinflammation in experimental model of acute stage neuroinflammation and chronic stage inflammatory demyelination and axonal loss*
- Master's Project for partial fulfillment of award of Master's Degree University of Calicut, Kerala, India** 01/2017- 06/2017  
 Dissertation title: *Assessment of synergetic genotoxic potential of select plant extracts displaying anti- cancer properties (Part A) and whole genome shotgun cloning and transcriptome analysis of the South Indian Black Scorpion- Hetrometrus Scaber; a preliminary study (Part B)*

**Awards and Honors**

- Qualified the national level **Joint CSIR- UGC NET 2017** for the award of Junior Research Fellow under the UGC scheme 2017  
 Subject: Life Sciences, Rank: 119, Score: 91.5
- Qualified the national level **ICMR- JRF Examination 2017** for the award of Junior Research Fellow under the ICMR Fellowship Scheme 2017  
 Subject: Life Sciences, Percentage: 60
- Qualified the national level **Combined Entrance Examination for Biotechnology 2015** conducted by Jawaharlal Nehru University, New Delhi, India (JNU CEEB) for admission to post graduate Biotechnology programmes 2015
- Third Prize in Poster Competition** in the UG category in **National Seminar on Biotechnology for Better Tomorrow** organized by R. P. Gogate College of Arts and Science and R. V. Jogalekar College of Commerce, in collaboration with Microbiologist's Society of India, Maharashtra, India 26/02/2015

**Seminars and Workshops**

- Poster presentation** on "Microglial activation in MHV induced neuroinflammation: A cellular and molecular perspective" at **Frontiers in Modern Biology (FIMB) 2020** symposium organized by Department of Biological Sciences, IISER- Kolkata, West Bengal, India 28/02/2020-29/02/2020
- Poster presentation** on "Understanding the basis of neuronal dysfunction In Neuropsychiatric SLE" at the "New Insights into the Inflammation, Immunity and Pathobiology of Diseases" Indo US symposium organized by Department of Biological Sciences, IISER Kolkata, Andaman, India 3/12/2020-8/12/2020
- Poster presentation** on "Understanding the basis of neuronal dysfunction 5/11/2019-8/11/2019

**In Neuropsychiatric SLE” at the Young Scientists’ Conference** as a part of the **India International Science Festival 2019**, Biswa Bangla Convention Centre Kolkata, West Bengal, India

**Participated in XLII All India Cell Biology Conference and 2<sup>nd</sup> International Conference on Trends in Cell and Molecular Biology**, Bits Pilani, Goa, India 21/12/2018-23/12/2018

**Participated in Workshop on Advanced Bioanalytical Methods and Applications in Coordination with International Outreach Activities in Advanced Microbiology Education and Teaching** organized by Department of Biological Sciences, IISER Kolkata, Gangtok, Assam, India 24/02/2018-01/03/2018

**Participated in the In-Silico Crafts Innovations, National Workshop in Cheminformatics** conducted by Department of Biotechnology, University of Calicut, Kerala, India 06/12/2016-08/12/2016

**Participated in the National Conference on Mangroves of Konkan Coast** organized by Mangrove Society of India in collaboration with Gogate Jogalekar College, Ratnagiri, Maharashtra, India 02/02/2015-03/02/2015

**Participated in “Shodhvedh 2014”**, the Gogate Jogalekar College In- House Research Festival, Ratnagiri, Maharashtra, India 28/02/2014

**Selected for participation in the “DST Inspire Science Camp”** conducted by International Institute of Information Technology, I2IT, Pune, Maharashtra, India 18/06/2011-22/06/2011

### **Teaching Experience**

Teaching Assistant for the course titled **“Introduction to Biology II Theory”** offered by the Department of Biological Sciences, IISER Kolkata, West Bengal, India 2019