

CURRICULUM VITAE



OBJECTIVE

Regarding the desired subject, I hereby declare my intent to work in a competitive environment, pledge to make my best contribution to the development of an institute and laboratory fully utilizes my academic and interpersonal skills. By doing so, I will continue to learn in order to pursue a demanding and fulfilling career.

PERSONAL INTRODUCTION

I am named by	Dr. TARIQ AHMAD LONE
Son of	Mr. AB. AZIZ LONE
Residing on Permanent Address	R/o BADRAN, P/o MAGAM, T/o MAGAM D/o BUDGAM Pin-193401 KASHMIR
Regarding Educational qualification	BSc., MSc., (Micro.) MSc., (Biotech)., M.Phil., Ph.D., (Biotech.), M.A (Eng.), D.M.L.T., P.G.D.C.A., C.E.S., B.Ed., F.E.A.L.S., NPTEL Courses : 5
Having Teaching Experience in	A. Higher Secondary School (3years+5 months+20 days) B. Post Graduate College (4years+ 9 month+11 days) C. Kashmir division Government Colleges (6years+ 9days) Total : A+B+C=14 Years + 3Months + 9days
Non-Teaching	1 year and Six months
Award	Excellence in Teaching Award (Biotechnology)
Published Papers	45 International level and National Level Journals
Genomic Sequences	13 Genomic Sequences
Published Book /Chapter	1 book International level and 1 Book Chapter
Oral presentations	21 presentations
Poster presentations	09 presentations
Participations	14 Participations
Online seminar/webinar	10 presentations
Sex/ Marital Status	Male / Married
Nationality	Indian
E-mail	tariqtasin@gmail.com
Mobile Number	08491821821,7006370640
Languages known	English (RWS), Urdu (RWS), Kashmiri (RWS), Hindi (S), Arabic (R), Tamil (S).

EDUCATIONAL QUALIFICATIONS

NPTEL ONLINE CERTIFICATE COURSE

July-October 2023

Subject: Biotechnology
Category: Environmental Biotechnology
Institute: Indian Institute of Technology Kharangpur
Roll NO. : NPTEL23BT60S747200066

NPTEL ONLINE CERTIFICATE COURSE

January-April 2023

Subject: Biotechnology
Category: Enzyme Science and Technology
Institute: Indian Institute of Technology Guwahati
Roll NO. : NPTEL23BT05S34680086

NPTEL ONLINE CERTIFICATE COURSE

July-October 2022

Subject: Biotechnology
Category: Genetic Engineering: Theory and Application
Institute: Indian Institute of Technology Guwahati
Roll NO. : NPTEL22BT59S34720072

NPTEL ONLINE CERTIFICATE COURSE

January-April 2022

Subject: Basics of Biology
Category: Biological Sciences & Bioengineering Bioprocess Biosciences
Institute: Indian Institute of Technology Guwahati
Roll NO. : NPTEL22BT17S14250062

NPTEL ONLINE CERTIFICATE COURSE

July-October 2021

Subject: Experimental Biotechnology
Category: Biological Sciences & Bioengineering Bioprocess Biosciences
Institute: Indian Institute of Technology Guwahati
Roll NO. : NPTEL21BT36S34400217

NPTEL ONLINE CERTIFICATE COURSE

February-April 2021

Subject: Cell Biology: Cellular Organization, Division and Process
Category: Biological Sciences & Bioengineering Bioprocess Biosciences
Institute: Indian Institute of Science Bangalore
Roll NO. : NPTEL21CY15S24380240

NPTEL ONLINE CERTIFICATE COURSE

September -December 2020

Subject: Immunology
Category: Biological Sciences & Bioengineering Bioprocess Biosciences
Institute: Indian Institute of Technology Kharangpur
Roll NO. : NPTEL20BT43S82330025

SUMMER RESEARCH FELLOWSHIP

June 2013

Awarded: Jointly by IASC (Bangalore), INSA (New Delhi) and NASI (Allahabad)
Host Institute: International Centre for Genetic Engineering and Biotechnology, New Delhi, India

Mentor: Dr. Ranjan Nanda, Staff Research Scientist, Immunological Groups

Title of Research: An Alternative Non-Invasive Diagnostic Tests for Pulmonary Tuberculosis

Ph.D., BIOTECHNOLOGY

April 2012

University: Periyar University Salem, Tamil Nadu India

Mentor: Professor Dr. J John Prabakaran

Title of Thesis: “Molecular Characterization of *Serratia marcescens*; Isolation of Various Origins Pertaining Protease, Enzyme Production and Study on its Therapeutic and Industrial Applications”

M.Phil., MICROBIOLOGY

May 2006

University: Annamalia University Chidambaram, Tamil Nadu India

Mentor: Dr. A. Mohan Kumar

Topic of thesis: Purification and Characterization of Lipase from *Bacillus species* and its animal toxicity

M.Sc., BIOTECHNOLOGY

February 2015

University: Periyar University Salem, Tamil Nadu India

Mentor: Dr. M. Sivasankari

Title of thesis: Isolation Of Dye Degrading *Bacillus* Sp and *Pseudomonas* Sp From Soil Near Dyeing Industry and Their Potential Application in Dye Effluent Treatment

M.A, ENGLISH

December 2009

University: Annamalia University Chidambaram, Tamil Nadu India

M.Sc, APPLIED MICROBIOLOGY

April 2004

University: Periyar University Salem, Tamil Nadu India

Mentor: Dr. V. Thanagapandiyan

Title of thesis: Screening of Multi-drug Resistant *M. tuberculosis* from suspected tuberculosis patients

B.Ed., BIOLOGICAL SCIENCE

February 2014

University: University of Kashmir Hazratbal Srinagar, Kashmir

B.Sc. MICROBIOLOGY

April 2002

University: Periyar University Salem, Tamil Nadu India

CERTIFICATE IN ENVIRONMENTAL SCIENCE

February 2005

University: Tamil Nadu Open University, Tamil Nadu India

Mentor: Dr. A. Mohan Kumar

Topic of thesis: Isolation of coliforms from various water Bodies an indicator of water pollution

POST GRADUATE DIPLOMA COMPUTER APPLICATION

April 2002

Tamil Nadu Computer Development Education Centre, Tamil Nadu India

PROFESSIONAL TEACHING EXPERIENCE

- 1. Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 17.04.2023 to till date

- 2. Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Handwara-
193211, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 28.03.2023 to 17.04.2023 (F.N)
Total: 21 Days

- 3. Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 28.04.2022 to 26.12.2022
Total: 8 month

- 4. Position:** Lecturer in Biology
Employer: Syed Ali Memorial Institutional Education Beerwah 193411, Budgam,
Kashmir, India.
Institution: Department of Biology, Affiliated to JKBOSE Srinagar
Duration: 02.03.2022 to 27.4.2022
Total: 2 Months

- 5. Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 05.03.2020 to 31.12.2020
Total: 9 Months 25 days

- 6. Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 02.04.2019 to 31.07.2019
Total: 4 Months

7. **Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 04.04.2018 to 31.03.2019
Total: 1 year and 2 Months

8. **Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 15.04.2017 to 31.03.2018.
Total: 11 Months & 15 days

9. **Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Government Degree College Beerwah
College Road-193411, Affiliated to Kashmir University Hazratbal Srinagar
Duration: 09.04.2016 to 31.03.2017
Total: 11 Months & 21 days

10. **Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Sri Pratap College (Govt), M.A Road
Srinagar Kashmir-190001, Affiliated to Kashmir University Hazratbal
Duration: 16.03.2016 to 07.04.2016
Total: 23 Days

11. **Position:** Assistant Professor on contract basis in Biotechnology
Employer: Higher Education Department Govt. of Jammu and Kashmir, India.
Institution: Department of Biotechnology, Sri Pratap College (Govt), M.A Road
Srinagar Kashmir-190001, Affiliated to Kashmir University Hazratbal
Duration: 14.09.2015 to 29.02.2016
Total: 5 month & 15 days

ROLE IN TEACHING

- Subjects that are taught --Molecular Biology and Genetic Engineering, Enzymology and Metabolism, Fundamentals of Biochemistry, Biotechnology, Biomolecules and Cell Structure, Biotechniques, Biostatics, Bioinformatics, Cell Biology, Microbiology, Immunology, Animal Cell Science, Plant Biotechnology and Bioprocessing Engineering, and related Practical's
- Student Councilor, NSS member
- University Examination Superintend, University Examination Invigilator, University paper evaluator, University paper Setter.

12. **Position:** Assistant Professor and Head
Institution: Department of Microbiology Sree Amman, Arts and Science College

Erode-638102, Affiliated to Bharathiar University Coimbatore

Duration: 01/11/2010 to 11/09/2015

Total: 4 years, 9 month & 11 days

ROLE IN TEACHING

- Subjects that are taught –General Microbiology, Medical Microbiology, Bacteriology, Mycology, Parasitology, Virology, Food Microbiology, Dairy Microbiology, Industrial Microbiology, Pharmaceutical Microbiology, Bioprocessing Engineering, Biotechniques, Biostatistics and Computer, Bioinformatics, Immuno-technology, Recombinant DNA Technology, Molecular Biology, Health care community, Environmental Microbiology, Microbial Physiology, Diagnostic Microbiology and related Practical's
- Guided the Post Graduate students in research projects, Student Councilor, NSS member
- Organized the seminars, conferences, campus interviews, Blood Grouping Campus in various Schools
- University Examination Invigilator, University paper evaluator, University paper Setter.

13. Position: Lecturer and Head

Institution: Department of Microbiology Vidhya Vikas Higher Secondary School
Tiruchengode-637211(TN)

Duration: 11/10/2004 to 31/01/2008

Total: 3 years, 3 months & 20 days

ROLE IN TEACHING

- Subjects that are taught-General Microbiology, Applied Microbiology and Respective Practicals, Student Councilor, School Board Examination paper Setter, School Board Examination Invigilator, School Board Examination paper evaluator

PROFESSIONAL KEY SKILLS

1. Isolation Techniques of Bacterial and Fungal Isolates
2. Identification Techniques- Morphologically, Biochemically and Genetically
3. Sub Culturing Techniques to Preserve Bacterial cultures
4. Electrophoresis Techniques –DNA, Plasmid Isolation, Identification, Quantification
5. Amplification Techniques-PCR
6. Restriction Fragmentation DNA Techniques
7. SDS-PAGE Techniques-Protein identification, Quantification
8. Enzyme Techniques-Isolation, Purification and Production
9. Molecular Blotting Techniques-DNA (Southern), RNA (Northern) and Protein (Western)
10. Biopharmaceuticals Techniques-Antimicrobial activities, Antibiotic susceptibilities
11. Immuno Diffusion Techniques- Gel Immune electrophoresis

12. Immunological Techniques-Blood Grouping, Typing, Cross matching, Serum compatibility, Screening and Quantifications of WIDAL, ASO, RA, VDRL, Pregnancy, Thick and Thin Blood Smears,
13. Computer skills-MS Word, Excel, Adobe Photoshop, Installing and Uninstalling Application Software, Coral Draw Design, Video Editing skills, Formatting the Systems
14. Bioinformatics Techniques-BLAST Nucleotide and Protein Sequences

PROFESSIONAL NON-TEACHING EXPERIENCE

1. **Position:** Laboratory Incharge
Institution: Sri Kumaran multi-specialist Hospital Medical Centre Tirupur-641602(TN)
Duration: 02/06/2004 to 05/10/2004
Total: 4 months

2. **Position:** Laboratory Technician
Institution: Kalpana Microbiology Lab Tiruchengode-637211,Tamil Nadu-India
Duration: 11/5/2002 to 27/7/2003
Total: 1 year 2 months & 16 days

RESEARCH EXPERIENCES

- **S.R.F.** : “An Alternate Non-Invasive Diagnostic Tests for Pulmonary Tuberculosis”
- **Ph.D.** : “Molecular Characterization of *Serratia marcescens*; Isolation of Various Origins Pertaining Protease, Enzyme Production and Study on its Therapeutic and Industrial Applications.”
- **M.Phil.** : “Purification and Characterization Of Lipase from *Bacillus species* and its animal toxicity”
- **M.Sc., Biotechnology:** “Isolation Of Dye Degrading *Bacillus Sp* and *Pseudomonas Sp* From Soil Near Dyeing Industry and Their Potential Application in Dye Effluent Treatment”
- **M.Sc., Applied Microbiology:** “Screening of Multi-drug Resistant *Mycobacterium tuberculosis* from suspected tuberculosis patients”.
- **C.E.S.** : “Isolation of coliforms from various water Bodies an indicator of water pollution”.

AREA OF EXPERTISE AND RESEARCH OF INTEREST

- Bacteriology, Molecular Biology, Protein Purification, Immunology, Antimicrobial activity, Plant Biology, Enzymology, Cancer biology, Environmental Biology.

PUBLISHED RESEARCH PAPER IN INTERNATIONAL AND NATIONAL JOURNALS

1. **Tariq A.L. (2023).** Biosafety Measures to Prevention Foot and Mouth Disease on

the Live Stock. International Conference on Current Advanced in Agriculture, Animal Husbandry and Allied Science (CAAAAS-2023)

2. **Tariq A.L (2019)**. Significance, Production, Physiochemical Characters, Mode of Action and Application of Microbial Laccase. Online International Interdisciplinary Research Journal. 9(2):1-8.
3. **Sivasankari M, Tariq A.L. and Amutha R (2018)**. Roll of Asparaginase Enzyme in Food Processing Industry to Reduce the Acrylamide Level-A Review. International Journal of Recent Scientific Research. 9(6):27660-27664. IF 7.383
4. **Tariq Ahmad Lone and Reyaz Ahmad Lone (2018)**. Effects of Physiochemical Parameters on Production and Activity of Laccase Enzyme from *Bacillus subtilis*. International Journal of Advanced Research in Science and Engineering. 7(4):192-203. IF 6.1
5. **Tariq Ahmad Lone (2018)**. Modern Approach of Transgenic Animals and their Applications in Prospect of Biotechnology- A Review. International Journal of Recent Scientific Research. 9(2): 24593-24598. IF 7.383
6. **Tariq Ahmad Lone, Sarath Chandran R and Reyaz Ahmad Lone (2017)**. Molecular Characterization and Antifungal Activity of Extracellular Chitinolytic Enzyme Producing *Paenibacillus elgii* TS33 isolated from Shrimp Shell Waste. International Journal of Pharma Research and Health Sciences. 5(6):2064-2069.
7. **Tariq A.L., (2017)**. Evaluation of Antimicrobial Activity of *Cymbopogon Citratus* Against Clinically Burn Wound Associated Selected Gram Positive and Gram Negative Bacteria. European Journal of Biomedical and Pharmaceutical Sciences. 4(10):710-714. IF 4.382
8. **Tariq A.L., (2017)**. Isolation and Molecular Characterization Urinopathogenic Associated *Klebsiella pneumoniae* from Urinary Tract Infected Patients. World Journal of Pharmaceutical Science. 5(6): 264-270. IF 1.381
9. **Tariq A.L., Reyaz A.L and Sathiamoorthi T (2016)**. Isolation and Identification of Antibiotic Mediated Resistant Bactera Production *Escherichia coli* from Urinary Tract Infected Patients in Erode District Tamil Nadu India. International Journal of Drug Development and Research. 8(3): 038-042. IF 1.95
10. **Tariq A.L., (2016)**. Preliminary Phytochemical Screening and Anti angiogenesis Studies of Different Extracts of *Curcuma amada*. International Journal of Current Microbiology and Applied Science. 5(10):109-117. IF 2.015

11. **Tariq A.L.,** Priya U and Reyaz A.L (2016). ‘Antifungal in Vitro Screening of Plant *Acalypha indica* Against Opportunist Clinical Pathogen *Candida albicans*. World Journal of Zoology. 11(3): 141-147.
12. **Tariq A.L.,** Sudha S and Reyaz A.L (2016). ‘Isolation and Screening of *Bacillus* from Sediments and Application in Bioremediation. International Journal of Current Microbiology and Applied Science. 5(6): 916-924. IF 2.015
13. Sivasankari M, **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2016). ‘Biofilm, Surface Hydrophobicity, Siderophore and Haemolytic Characterization of *Campylobacter jejuni* isolated from Raw Duck Meat. Global Veterinaria. 16(3):231-237.
14. **Tariq A.L** and Reyaz A.L (2015). Characterization of An Indigenous *Serratia marcescens* Strain TRL Isolated From Fish Market Soil and Cloning of its ChiA Gene. World Journal of Fish and Marine Sciences. 7 (6): 428-434.
15. Menaka S., **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2015). “Cloning of Laccase Gene from a Newly Isolated 2, 4-Dichlorophenol Degrading *Bacillus subtilis* from Dyeing Industry Sites”. American Eurasian Journal of Agricultural and Environmental Sciences. 15(8):1602-1608.
16. **Tariq A.L,** U. Priya and Reyaz Ahmad Lone (2015). Medicinal Plants *Acalypha indica* and *Prosopis glandulosa* Alternative Medication. International Journal of Current Microbiology and Applied Science. 4(8): 343-351. IF 2.015
17. **Tariq Ahmad Lone,** C. Revathi and Reyaz Ahmad Lone (2015). Isolation of Dye Degrading Bacillus Species from the Soil near Dyeing Industry and Its Potential Application in Dye Effluent Treatment. American Eurasian Journal of Toxicological Sciences. 7 (3): 129-135.
18. **Tariq Ahmad Lone,** U. Priya, S. Menaka, M. Sivasankari and Reyaz Ahmad Lone (2015). *Prosopis glandulosa* Medicinal Plant An Alternative Medication Against Clinical Pathogen *Candida albicans*. International Journal Of Pure & Applied Bioscience. 3 (3): 254-261. IF 4.37
19. **Tariq Ahmad Lone,** C. Revathi and Reyaz Ahmad Lone (2015). Isolation of Dye Degrading *Pseudomonas* Species from the Soil Near Dyeing Industry And Its Potential Application In Dye Effluent Treatment. World Journal of Pharmacy and Pharmaceutical Sciences. 4(7):1220-1232. IF 7.632
20. Sivasankari M, **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2015). Prevalence, Antibiotic Resistance and Molecular Characterization of *Campylobacter jejuni* Isolated from Raw Duck Meat in Erode District. American-Eurasian Journal of

21. **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2015). Prevalence of multidrug resistant *Salmonella* from chicken retail in Erode District. Journal of Global Bioscience. 4(4):2052-2059.
22. **Tariq Ahmad Lone**, Rahul. M and Reyaz Ahmad Lone (2014). *In Vitro* Anti-Oxidant Studies by Using Different Methods and Evaluation of Anti-Microbial Potential of *Coptis teeta*. Global Journal of Biotechnology and Biochemistry. 9(4):99-104. IF 1.115
23. **Tariq Ahmad Lone and** Reyaz Ahmad Lone (2014). Isolation of Iron Bacterium, *Gallionella ferruginea* from the soil samples Adherent to Rusted Iron Pipes and its Role in Coliform and Dye Reduction. International Journal of Current Research in Bioscience and Plant Biology. 1(3):75-79. IF 0.417
24. **Tariq Ahmad Lone and** Reyaz Ahmad Lone (2014). Pervasiveness of multi drug resistance asymptomatic bacteriuria from pregnant and non- pregnant women in erode district. International Journal of Biotechnology Research. 2(5):065-069. IF 0.7658
25. **Tariq Ahmad Lone**, E.M. Mohamed Younis and Reyaz Ahmad Lone. (2014). Invitro susceptibility of gram negative bacilli to the newer anti-microbial agents. International Journal of Current Microbiology and Applied Science. 3(5):402-409. IF 2.015
26. **Tariq, A.L. and** Reyaz A.L. (2014). Study on medicinal plant *Terminalia chebula* collected from the Sathyamangalam wildlife sanctuary. International Journal of Current Microbiology and Applied Science. 3(2):505-512. IF 2.015
27. **Tariq Ahmad Lone**, Sarath Chandran R and Reyaz Ahmad Lone (2013). Molecular study on the extracellular chitinolytic activity and antifungal activity of *bacillus subtilis* ts22. International Journal of Current Research. 5(11):3305-3309. IF 3.52
28. **Tariq, A.L. and** Reyaz A.L. (2013). Significance and Importance of Phytochemical Present in *Terminalia chebula*. International Journal of Drug Development and Research. 5(3):556-562. IF 0.003
29. **Tariq, A.L.,** Nirjantha D. and Reyaz, A.L. (2013) "Antimicrobial activity of *Camellia sinensis* leaves against gram positive and gram negative bacteria. World Research Journal of Pharmaceutical Research 1(1):1-4.
30. **Tariq, A.L., and** Reyaz A.L. (2013). *Terminalia Chebula* A Treatment Against

pathogenic *Proteus Vulgaris* strains Associated With Urinary Tract Infection. International Journal of Research in Ayurveda and Pharmacy. 4(4): 560–563.

31. **Tariq, A.L. and** Reyaz A.L. (2013). Quantitative Phytochemical Analysis of traditionally used medicinal fruit *Terminalia Chebula*. International Research Journal of Biotechnology. 4(5):101-105. IF 2.89
32. Reyaz Ahmad Lone, **Tariq Ahmad Lone**, G. Ranandkumar Sharma, S. Govindaraju, P. Indra Arulselvi (2013). Cry1 holotype toxins of *Bacillus thuringiensis*. Journal of Pharmacy Research. 6: 481-487.
33. **Tariq, A.L.,** Reyaz A.L. (2013). Antioxidant activity of *Camellia sinensis* leaves. International Journal of Current Microbiology and Applied Sciences. 2(5):40-46. IF 2.015
34. **Tariq, A.L.,** Reyaz A.L. (2013). *Camellia Sinensis* Leaves A New Treatment Against Urinary Tract Infection Caused By *Pseudomonas Fluorescens* And *Serratia* Sp. International Journal of Pharmaceutical Sciences and Research. 4(3): 1546-1550. IF 3.226
35. **Tariq, A.L.,** Reyaz A.L. (2012). Antibacterial activity of *camellia sinensis* leaves against *Staphylococcus aureus* and *Escherichia coli*. International Journal of Advance Pharmaceutical and Biological Sciences. 3(1):1-7.
36. **Tariq, A.L.,** Reyaz A.L. (2012). Phytochemical Analysis of *Camellia Sinensis* Leaves. International Journal of Drug Development and Research. 4(4):259-262. IF 0.003
37. **Tariq, A. L.,** Reyaz, A. L. (2012). Therapeutic role of *Terminalia Chebula* against Uropathogenic *Escherichia Coli* (UPEC). Global Journal of Pharmacology. 6 (3): 160-165.
38. **TARIQ, A.L.** Reyaz, A.L. (2012). “Efficiency Of Natural Herbal Products Used As Antimicrobial Agents Against Ornamental Fish Pathogens. International Journal of Biochemistry and Biotechnology .1(6):119-123. IF 0.88
39. **Tariq, A. L.,** Reyaz, A. L. (2012). Characterization of UTI associated Protease from *Serratia marcescens* Strain TW1 and its immunogenic properties. International Research Journal of Biotechnology. 3(6): 88-95.
40. **Tariq, A. L.,** Reyaz, A. L. (2012). The Influence of Carbon and Nitrogen Sources on Pectinase Productivity of *Pencillium chrysogenum* in Solid State Fermentation. International Research Journal of Microbiology. 3(5):202-207.

41. **Tariq, A. L.,** Reyaz, A. L. (2012). Extraction of Cannabinoids from Cannabis sativa L Plant and its Potential Antimicrobial Activity. Universal Journal of Medicine and Dentistry. 1(4): 051-055.
42. **Tariq, A.L.,** Reyaz, A.L. (2012). Isolation of Cannabinoids from the Plant *Cannabis sativa* and its Potential anticancer Activity. International Journal of Drug Development and Research. 4(1):241-246. IF 0.003
43. **Tariq, A.L.,** Reyaz, A.L. and John Prabakaran J. (2011). Purification and Characterization of 56 KDa Cold Active Protease from *Serratia marcescens*. African Journal of Research Microbiology. 5(32):5841-5847. IF 0.0540
44. **Tariq, A.L.** and John Prabakaran J (2011). Isolation and Molecular Characterization of UTI Associated *Serratia marcescens* TW1 from Urine Specimens. Journal of Microbiology and Antimicrobials .3(6):130-135.
45. **Tariq, A.L.** and John Prabakaran J. (2010). Molecular Characterization of Psychotropic *Serratia marcescens* TS1 Isolated from Apple Garden at Badran Kashmir. Research Journal of Agriculture and Biological Sciences. 6(3): 364-369.

DOPOSITION OF GENOMICS SEQUENCES

Locus Accession Numbers GU046543, GU046544, GU046545, JQ735954, JQ735955, JQ727435, JQ727436, KM044037, KM044038, KM044039, KM044040, KM088070 and KM088071.

PUBLISHED BOOK /BOOK CHAPTER

1. **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2015). *Serratia marcescens* A Handy Bacterium book chapter published in “New Dimensions in Microbiology (ISBN 978-93-85160-84-4) publisher Lenin Media, Delhi, India (Book Chapter).
2. **Tariq Ahmad Lone** and Reyaz Ahmad Lone (2015). *Serratia marcescens*: Isolation and Identification. ISBN 978-3-659-75940-6. Lambert Academic Publication Germany (Book).

AWARDS

- Excellence in Teaching Award For outstanding contribution in the field of Biotechnology On the occasion of 2 Days International Conference “Current Advances in Agriculture, Animal Husbandry and Allied Sciences” (CAAAAS-2023) Jointly organized by Agricultural Research Council of Nigeria, Mabushi, Abuja, Nigeria and National Agriculture Development Cooperative Ltd. Baramulla, India,
- Summer Research Fellow ship, awarded by Indian Academy of Sciences Bangalore, New Delhi, Allahabad hosted by the International Centre for Genetic Engineering and Biotechnology, New Delhi under the Guidance of Dr. Ranjan Nanda Staff Research Scientist, Immunological Groups, New Delhi from 15.04. 2013 to 14.06. 2013.

REFRESHER COURSE

- UGC-NRCBS-34th Winter School on Contemporary Ecological Issues, conducted by the School of Biological Sciences, Madurai Kamraj University, Tamil Nadu from 15.02.2017 to 29.02.2017.

MEMBERSHIP IN THE LEARNED SOCIETIES

- Fellow Membership of Academy for Environment and Life Sciences (Membership ID: FAELS-21)
- Member of Editorial Board in SAMANM Group of Research Publications
- SAS Young Research Fellow Membership (SAS/SYRFM/086/2023)

PEER REVIEWER IN JOURNALS

- British Journal of Medicine and Medical Research
- Oriental Journal Of Chemistry

WORKSHOP PARTICIPIATED

1. 5 days Virtual Faculty Development Program (FDP) On Advancements and Innovations in Cellular Communication and Signal Transduction (17th 21st July, 2023) organized by Department of Biotechnology, Jaypee Institute of Information Technology, Noida, India (Declared Deemed to be University u/s Sec3 of UGC Act 1956).
2. 21 days (16 June to 6 July 2013) International Training Cum Certificate Course on Technology Innovation in Agriculture, Horticulture, Animal Husbandry, Fisheries, Sericulture and Allied Sectors for Sustainable Entrepreneurship organized by College of Horticulture and Forestry, Central Agricultural University Pasighat-Arunachal Pradesh, Agro Environmental Development Society (AEDS) Majhra Ghat, Rampur, U.P, India, Tribhuvan University Research Centre for Applied Science and Technology (RECAST), Kathmandu, Nepal, University of Debrecen, Faculty of Agricultural and Food Sciences and Environment Management, Institute of Plant Protection, Debrecen, Hungary.
3. Participated in Three days Regional Workshop on Research Based Pedagogical Tools Development in Biotechnology on 16.07.2019 to 18.07.2019 organized by the Department of Biotechnology and Bioinformatics Sri Pratap Govt College Srinagar Kashmir.
4. Participated in Two days National Seminar-Cum-Workshop on Skill Development in Biotechnology on 20 & 21 November 2017 organized by the Department of Biotechnology and Bioinformatics Sri Pratap Govt College Srinagar Kashmir.
5. Participated in Two days National Workshop on Advances in Cell and Molecular Biology on 27 & 28 September 2017 organized by the Department of Biochemistry and Biotechnology, Govt College for Women Srinagar Kashmir.
6. Participated in one day workshop programme was conducted on “Protein purification” dated 16.09.2010 organized by the “Esma Biotech Company” Karur Tamil Nadu.

UNIVERSITY REPRESENTATIVE

1. University paper evaluator, University paper Setter University of Kashmir for valuing U.G degree answer scripts in the central valuation
2. Recognized guide for M.Phil Degree in Microbiology under Bharathiar University (No.: 8301-12332/2014)
3. External examiner for central valuations under Bharathiar University for valuing U.G/P.G degree answer scripts in the central valuation (No.:200062).
4. External practical examiner under Bharathiar University for U.G/P.G degree practical examination (No.:200062).
5. Qualified Assistant Professor in Microbiology for U.G/P.G level teaching under Bharathiar University (No.:19512/A2/2013)

NATIONAL SOCIAL SERVICE TO SOCIETY

1. Participated and Coordinated in the free medical camp organized by Sri Kumaran Hospital collaboration with Department of Commerce with computer application Tirupur Kumaran College for Women's on 29-08-2004.
2. Participated in One day Health awareness program organized by Department of Microbiology, Sengunthar College of Arts and Science Tiruchengode on 07-02-2004.
3. Participated in voluntary Blood Donation camp organized by Pee Gee College of Arts and Science Dharamapuri at Government Hospital Dharamapuri On 13-07-2001.
4. Participated in National Service camp organized by Pee Gee College of Arts and Science Dharamapuri hold at Chelliampatty Palacode from 04-08-2001 to 13-08-2001.
5. Participated in National Service camp organized by Pee Gee College of Arts and Science Dharamapuri hold at Penneswaram Kaveripattanam union from 09-04-2000 to 18-04-2000.