

CURRICULUM VITAE

FAROOQE E AZAM

Address for Correspondence:

51- Kotla Pajawa,

Firozabad – 283 203, U.P., India.

Email: farooqemb@gmail.com

Phone: +91-72478-20696, +91-98974-74314

Present Status:

- Working as an **Assistant Professor** in Applied Science, Department of Botany, J.S. University, Shikohabad-Mainpuri Road, Shikohabad, District-Firozabad, Uttar Pradesh, India, from August 08, 2019.

Academic Qualifications:

- **Master of Science in Bio-Informatics** from University Institute of Engineering and Technology (UIET), Chhatrapati Shahu Ji Maharaj University, Kanpur, Uttar Pradesh, India in Second Division (55.75%) in 2007.
- **Bachelor of Science (Honours) in Chemistry** as a main subject, Botany and Zoology as subsidiary subjects from Aligarh Muslim University, Aligarh, Uttar Pradesh, India in Second Division (56.87%) in 2003.
- Intermediate (Gen. Hindi, English, Physics, Chemistry and Biology) from U.P. Board, Allahabad, India in Second Division (59.00%) in 1999.
- High School (Hindi, English, Mathematics Two, Science Two, Social Science, and Biology) from U.P. Board, Allahabad, India in Second Division (59.16%) in 1997.

Additional Qualification:

- Master of Science in Environment Science from Shobhit University, Shobhit Institute of Engineering and Technology, Established u/s 3 of UGC Act, 1956, Meerut, Uttar Pradesh, India in First Division (63.50%) in 2015.

Professional Qualification:

- **Bachelor of Education (B.Ed.)** from Shri Krishna College of Education, Shikohabad, Firozabad, Uttar Pradesh, India (Affiliated to Dr. B.R. Ambedkar University, Agra), with First Division (65.62%) session 2014-15.

ComputerCertifications:

- **Course on Computer Concepts (CCC)**, conducted by National Institute of Electronics and Information Technology (NIELIT) during April 2018.
- Certificate Course in JAVA from Rajeev Gandhi Computer Saksharata Mission, Associated with U.P. Electronics Corporation Limited (U.P. Govt. Undertaking), Firozabad, Uttar Pradesh, India from 1st August to 15th September 2006, with 'B' Grade.

Experience: (14+ years)

- Worked as a **Senior Lecturer in Science**, Department of D.El.Ed.(B.T.C.), Mahatma Gandhi Teacher's Training College, Firozabad, Uttar Pradesh, India (Approved by National Council of Teacher Education), from October 12, 2017 to December 29, 2018.
- Worked as an **Assistant Professor in Engineering Chemistry**, Department of Applied Science, Dr. Z.H. Institute of Technology & Management (Approved by AICTE & Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow), Agra, Uttar Pradesh, India, from January 27, 2017 to August 25, 2017.
- Worked as an **Assistant Professor** in Department of B.Sc. (Home Science), Mahatma Gandhi Balika Vidhyalaya (P.G.) College (A Government Aided Girls College Accredited B+ by NAAC), Firozabad, Uttar Pradesh, India (Affiliated to Dr. B.R. Ambedkar University, Agra), from July 23, 2012 to January 26, 2017.
- Worked as a **Lecturer in Department of Zoology**, Dr. V.P.S. College, Garhi Udi, Jalesar Road, Firozabad, Uttar Pradesh, India (Affiliated to Dr. B.R. Ambedkar University, Agra), for the academic sessions 2010-11 and 2011-12.
- Worked as a **Bioinformatics Trainer** in Advance Institute of Bio-Informatics, (AIBI) Firozabad-283203, Uttar Pradesh, India, from July 06, 2009 to June 30, 2010.
- Worked as a **Project Assistant at Bioinformatics Infrastructure Facility (BIF)**, National JALMA Institute for Leprosy & Other Mycobacterial Diseases, (ICMR), Agra, Uttar Pradesh, India, in the Department of Biotechnology funded project entitled "Bioinformatics Infrastructure Facility" from July 05, 2008 to July 05, 2009.
- Worked as a **Lecturer in Department of Botany**, Ram Singh Mahavidyalaya (P.G.) College, Nagla Sikandar, Tundla-Etah Road, Firozabad, Uttar Pradesh, India (Affiliated to Dr. B.R. Ambedkar University, Agra) for the academic session 2007-2008.

Description of Project done in M.Sc.:

- Worked on “Homology modeling of phosphomethyl pyrimidine kinase from *Leptospira interrogans*” under the supervision of Dr. Shilpa Kaistha, Head, Department of Bioinformatics, University Institute of Engineering & Technology (UIET), Chhatrapati Shahu Ji Maharaj University, Kanpur, Uttar Pradesh, India.

Research Publications/Scientific Achievements:

- Published Research Paper Entitled “Structural modeling and sequence analysis of nif-B protein in *Rhizobium leguminosarum*” in International Journal of Advance and Innovative Research, Volume 06 issue 04(IV) October-December 2019, ISSN: 2394-7780, weblink: <http://iaraedu.com/pdf/ijair-volume-6-issue-4-iv-october-december-2019.pdf>
- Published Research Paper Entitled “Primer design for amplification of genomic DNA of *Mycobacterium tuberculosis*” in Eduved International Journal of Interdisciplinary Research, Volume 03 issue 05 May 2016, ISSN: 2348-6775 (Online) and 2349-5480 (Print), weblink: <http://www.eduved.org/may16/AB0468.pdf>
- Published Research Paper Entitled “Homology modeling of phosphomethyl pyrimidine kinase from *Leptospira interrogans*” in Eduved International Journal of Interdisciplinary Research, Volume 03 issue 02 Feb. 2016, ISSN: 2348-6775 (Online) and 2349-5480 (Print), weblink: <http://www.eduved.org/feb16/Z0442.pdf>
- Published Research Paper Entitled “Synthesis and characterization of mutual prodrugs of ibuprofen with amino acid” in Eduved International Journal of Interdisciplinary Research, Volume 03 issue 02 Feb. 2016, ISSN: 2348-6775 (Online) and 2349-5480 (Print), weblink: <http://www.eduved.org/feb16/Z0445.pdf>

Seminars/Workshops/Symposium/Conferences Attended:

- Participated in the International Conference on “Multidisciplinary Research and Innovative Practices” organised by J.S. University, Shikohabad, Firozabad (U.P.), held on 26th - 27th November 2021.
- Participated in the National Seminar on “Recent Innovations in Teacher Education and Sports Sciences” organised by Adarsh Krishna (P.G.) College, Shikohabad (Firozabad), Uttar Pradesh (Aided by U.P. Govt., Recognised by N.C.T.E and Affiliated to Dr. B.R. Ambedkar University, Agra), held on 30th & 31th March 2021.
- Presented a Research Paper Entitled “Structural modeling and sequence analysis of nif-B protein in *Rhizobium leguminosarum*” in the International Conference on “Innovative and Practices in Research in Transdisciplinary Areas (IPRT-2019)” organised by J.S. University, Shikohabad, (Firozabad) U.P., held on October 15, 2019.

- Participated in the National Symposium on “Intellectual Property Rights & Its Protection” organised by Dr. B.R. Ambedkar University, Agra and Council of Science & Technology, Lucknow, U.P., held on September 23, 2017.
- Participated in the National Seminar on “Current Trends in Biological Sciences-Advances and Challenges” organised by Department of Zoology, Janta College, Bakewar, Etawah, U.P., Affiliated to C.S.J.M. University, Kanpur, Accredited B++ by NAAC and sponsored by U.G.C., held on December 13-14, 2014.
- Participated in 2 days National Workshop on “Cyber Security” organised by Appin Technology Lab, held at ACE College of Engineering and Management, Agra, U.P. Affiliated to Uttar Pradesh Technical University, Lucknow from 28th – 29th March 2014.
- Participated in the International Workshop on “Effective Marketing Strategy-National & International” organised by FICCI Ladies Organisation and supported by Hanns Seidel Foundation, Germany and National Chamber of Commerce & Industry, Agra, U.P. held on July 04, 2009.
- Participated in 2 days National Workshop on “Current Trends in Computing and Bioinformatics” Jointly organised by Department of Computer Science & Engineering and Department of Bioinformatics, held at University Institute of Engineering and Technology, Chattrapati Shahu Ji Maharaj University, Kanpur, U.P. from 23rd – 24th February 2007.
- Participated in the National Seminar on “Threats to Quality Concern in Higher Education & Strategy for Improvement” and presented a paper on “Globalization of Education” organised by Dau Dayal Mahila (P.G.) College, Firozabad, Affiliated to Dr. B.R. Ambedkar University, Agra, U.P. and sponsored by U.G.C., held on January 27, 2007.

Software Proficiency:

- **Languages** – C, JAVA, Python
- **Web Designing** – Wordpress
- **Database Designing** – MS Access, DBMS, Oracle 9i
- **Operating Systems** – MS-DOS, Windows XP/Win 7/Win 8.1/Win 10
- **Computer Hardware** - Major OS Architectures, Hardware and Software Installation, Hardware Troubleshooting, Installing and Upgrading the OS.

Bio-Informatics Tools:

- **Search Tools** – Pubmed, Basic Local Alignment Search Tools (BLAST), FASTA, ENTREZ, ExPaSy Proteomics Tools
- **Nucleotide Databases** – GenBank, European Molecular Biology Laboratory (EMBL), DNA Data Bank of Japan (DDBJ)
- **Protein Databases** – PROSITE, PIR, Pfam, Protein Data Bank (PDB), Protein Structure Server (PQS), SWISS-PROT

- **Biological Software's** – BioEdit, MEGA-X, Phylip, Cn3D, RASMOL, CHIME, WebMol, Jmol, Primer Premier 5, Primer3, HEX 8.0.0, AutoDock 4, PatchDock, TreeView, ChemSketch, Pymol, MedChem, JChem, MolEngine, 3D-eChem, Clustal Package, Jalview, Yasara, MATLAB, Simul8, Chimera, DNA STAR, MODELLER, Geno3D.
- **Reference Database** – National Center for Biotechnology Information (NCBI).

Personal Profile:

Father's Name	: Mr. Mohammad Naeem Khan
Mother's Name	: Mrs. Afroz Naeem
Date of Birth	: 12 th May 1984
Aadhar No.	: 5799 2379 6496
Gender	: Male
Nationality	: Indian
Languages Known	: Hindi, English, Urdu, Arabic
Hobbies	: Martial Arts, Cricket, Ghazals & Article Writing

References:

1. Prof. Hari Mohan,
Vice-Chancellor,
J.S. University,
Shikohabad, (Firozabad), India
Phone: +91-56762-35572
Email: profharimohan@gmail.com
2. Mrs. Mamta Sagar,
Head,
Department of Bio-Informatics,
University Institute of Engineering and Technology,
Chhatrapati Shahu Ji Maharaj University,
Kanpur – 208 024, India
Phone: +91-512-2570301
Email: mamta1060@yahoo.com
3. Er. Manavendra Singh,
Dean,
Dr. Z.H. Institute of Technology & Management,
(Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
NH-2, Agra- 282003, India
Phone: +91-562-3267959

4. Miss. Rita Dixit,
Assistant Professor,
Department of Chemistry,
Mahatma Gandhi Balika Vidhyalaya (P.G.) College,
(Affiliated to Dr. B.R. Ambedkar University, Agra)
Firozabad – 283 203, India
Phone: +91-98976-71214
Email: mnk.edu@gmail.com

Declaration:

I hereby declare that the facts given in this resume are correct to the best of my knowledge and belief.

PLACE:

DATE:

(FAROOQE E AZAM)