

CURRICULAM VITAE

Dr. Faiyaz Alam, Assistant Professor

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FACULTY DETAILS PROFORMA

Name: Dr. Faiyaz Alam

Designation: Assistant Professor

Department: Chemistry

College/University: Araria College, Araria (A Constituent unit of Purnea University, Purnia)

Date of Joining: May 03rd, 2025

ACADEMIC QUALIFICATIONS

S. No	Qualification	University/College/Board	Year of Passing
1.	Ph. D	Academy of Scientific and Innovative Research (AcSIR) Doctoral Research carried out at CSIR-Central Drug Research Institute, Lucknow, Uttar Pradesh, India	2020
2.	M. Sc (Biochemistry)	University of Hyderabad, Telangana, India	2012
3.	B. Sc (Biotechnology)	Patna Science College, Patna University, Bihar, India	2010
4.	I. Sc (Intermediate of Science)	Muslim +2 High School, Patna, Bihar, Inida	2002
5.	Matriculation	High School Malharia, Araria, Bihar, Inida	2000

RESEARCH EXPERIENCES

Position	Institute/University	Duration
Post-Doctoral Fellow	National Institute of Science Education and Research (NISER), Bhubaneswar, India. Unit of Department of Atomic Energy (DAE)	March 2022-June 2024
Junior Research Fellow	Mahila Mahavidyalaya, Zoology, Banaras Hindu University, Varanasi, India	October 2012-August 2013

PUBLICATIONS

1. Taran Khanam, Mohammad Afsar, Ankita Shukla, **Faiyaz Alam**, Sanjay Kumar Horam Soyar, Kunzes Dolma, Ashish, Mukesh Pasupuleti, Kishore Kumar Srivastava, Ravi Sankar Ampapathi & Ravishankar Ramachandran. *M. tuberculosis class II apurinic/aprimidinic-endonuclease/3'-5' exonuclease(XthA) engages with NAD⁺-dependent DNA ligase A (LigA) to counter futile cleavage and ligation cycles in Base Excision Repair.* **Nucleic Acids Research**, 2020 May 07; 48 (8): 4325- 4343.
2. Sudip Pal, Uttam Ghosh, Gajendra Singh, **Faiyaz Alam**, Shyam Singh, Sidharth Chopra, Sudhir Sinha, Ravi Sankar Ampapathi and Tushar Kanti Chakraborty. *Synthesis, Conformational Studies and Biological Profiles of Tetrahydrofuran Amino-Acid-Containing Cationic Antitubercular Peptides.* **Asian Journal of Organic Chemistry**, 2017 Sep; 6 (9):1240-1249.
3. Yashoda Krishna Sunkari, **Faiyaz Alam**, Pancham Singh Kandiyal, Siriwardena Aloysius, Ravi Sankar Ampapathi and Tushar Kanti Chakraborty. *Influence of Linker Length on Conformational Preferences of Glycosylated Sugar Amino Acid Foldamers.* **ChemBioChem**, 2016 Oct 04; 17 (19): 1839-184.
4. Sakti Ranjan Rout, **Faiyaz Alam**, Swapnil Sahoo, Kaustubh Prakash, Gargi Dey and Abdur Rahaman. *Self-assembly precedes target membrane recruitment of a nuclear dynamin-related protein.* **BIOCHEMISTRY, ACS Publication**, 2025 September 24; 64 (19): 4142-4154.
5. Md Athar Shadique, **Faiyaz Alam**, Shahnawaz Ali Bhat, Mohd Kamil Hussain and Shakir Ahamad Therapeutic Modulation of Wnt/ β -Catenin Pathway in Neurodegenerative Disorders. **ISBN: 978-93-6559-383-9, September 2025.**
6. **Faiyaz Alam**, Nishant Singh and Ravi Sankar Ampapathi. *Synthesis, Conformational Studies and Self-assembly profiles of Cyclic Homo-oligomers derived from furanoid sugar amino acids.* **Manuscript under preparation.**

DATABASE SUBMISSION

Biological Magnetic Resonance Data Bank (BMRB) Entry DOI: doi:10.13018/BMR28077

Title: *Backbone 1H, 13C, 15N chemical shift assignments for BRCT_S3R_V63A.*

Author: Ravi Ampapathi, Jayanti Vaishnav, **Faiyaz Alam.**

Deposition date: 2020-02-09 **Release date:** 2020-03-09

AWARDS/FELLOWSHIPS

1. **Postdoctoral Fellowship (PDF-2022):** Department of Atomic Energy (DAE), India.
2. **Junior Research Fellowship (JRF-2012):** Indian Council of Medical Research (ICMR)
3. **Senior Research Fellowship (SRF-2015):** Indian Council of Medical Research (ICMR)
4. **National Eligibility Test (NET-LS-2018) (Life Science):** Council of Scientific and Industrial Research (CSIR), India.
5. **Graduate Aptitude Test in Engineering (IIT-GATE, 2011):** Rank: 569, Score: 442
6. **Graduate Aptitude Test in Engineering (IIT-GATE, 2012):** Rank: 546, Score: 413
7. **Joint Admission Test for M. Sc (JAM):** Qualified JAM in 2010 conducted by Indian Institute of Technology, Madras.

RESEARCH GRANTS

1. Postdoctoral Fellowship Grant: File No: NISER/SBS-00/PDF-007 2016/002697

Funding agency: Homi Bhabha National Institute, Department of Atomic Energy (DAE), India.

Institution: National Institute of Science Education and Research (NISER), Bhubaneswar.

2. DST Sponsored Project No: SR/FT/LS/153-2009

Title of Project: "Modulation of the cytochrome P450 aromatase gene expression in cat fish (*Heteropneustes fossilis*): Involvement of endocrine disrupting chemicals".

Institution: Zoology Section, Mahila Mahavidyalaya, Banaras Hindu University, Varanasi.

CONFERENCES/SEMINARS/WORKSHOP

1. Poster presented in "National Magnetic Resonance Society" (NMRS-2016) at Department of Chemistry, IIT Kharagpur, India.
2. Participated in "Current Trends in Drug Discovery and Research" (CTDDR) 2016 at CSIR-Central Drug Research Institute, Lucknow.
3. Participated in "National Magnetic Resonance Society" (NMRS-2014) at Department of Chemistry, Tejpur University, India.

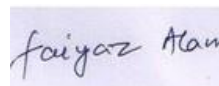
4. Participated in “**National Magnetic Resonance Society**” (NMRS-2015) at Department of Chemistry, Guru Nanak Dev University, Amritsar, India
5. Invited Lecture in International Conference “**Intellectual Property and Advances in Chemical Science (IPACS-2025)**” at Department of Chemistry, C. M Science College, LNMU.
6. Awarded Third prize in Faculty category in Invited Lecture at “**International e-Conference on Multifaceted Application in Biotechnology and Applied Sciences-2025**” (e-COMBAS 2.0) organized by **EduLeviat Pvt. Ltd.** (startupindia, Ministry of MSME, Govt. of India)
7. Participated in workshop sponsored by **UOH-DBT-CREBB, School of Life Science, University of Hyderabad** on “Genomics training workshop for quantitative PCR and microarray”, 2012.
8. Participated in “**Training Camp on Medicinal Plants**”, Department of Botany, Patna Science College, Patna University, 2008.

LANGUAGES KNOWN

Hindi, Urdu and English

DECLARATION

I hereby declare that the information above is true, and I am responsible for its authenticity.



Dr. Faiyaz Alam

Place: Araria
Date: 15-12-20