

CURRICULUM VITAE

Name **Dr. Nadeem Ahmad**
Father's name Late Shameem Ahmad
Date of birth 2nd September 1974
Teaching experience 22-years
Qualifications **Ph. D., M. Sc., P.G.D.C.A. & B.Sc. (Pass)**
[From Jamia Millia Islamia, New Delhi-110025]



Official Address Department of Biosciences
Faculty of Natural Sciences
Jamia Millia Islamia, New Delhi-110025

Residential Address R-48A, 3rd floor, Sir Syed Road
Joga Bai Extension, Okhla
New Delhi 110025

Phone No. 9818355665

Educational/Professional qualification

Ph. D. (Mathematics).

M.Sc (Mathematics and Computer Science) with First division in 1999.

Post Graduate Diploma in Computer Application with First division 1995.

B.Sc(Pass) Phy/Chem./Maths with First division in 1994.

Intermediate Phy/Chem./Maths with First division in 1991.

High School Phy/Chem./Maths with First division in 1989.

Teaching Experience:

1. Working as an Assistant Professor in Mathematics since 12th December 2008 to till date in Department of Bio Sciences, Faculty of Natural Science, Jamia Millia Islamia, New Delhi.
2. Worked as a Guest Lecturer since 12th September 2000 to 30th November 2008 (*Eight years*) for Mathematics in the Department of Applied Sciences & Humanities, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi.
3. Worked as a Guest Lecturer since 1st August 2004 to 31st March 2005 (*One year*) and 16th July 2007 to 11th December 2008 (*One & half year*) for Mathematics in the Department of Bio Sciences, Faculty of Natural Science, Jamia Millia Islamia, New Delhi.
4. Worked as Professor in Charge since 1st August 2004 to 15th January 2005 (*One semester*) for Mathematics in University of Petroleum and Energy Studies, Greater Kailash, New Delhi.

5. Worked as a Guest Lecturer since 16th July 2005 to April 2009 (*Four years*) for Computer in the Faculty of Law, Jamia Millia Islamia, New Delhi.
6. Worked as a Guest Lecturer since 16th January 2006 to 30th April 2007 (*One year*) for Computer in the Deptt. of Computer Engineering, Faculty of Engg. & Tech., Jamia Millia Islamia, New Delhi.
7. Worked as a Guest Lecturer (**Part Time**) since January 2000 to December 2000 (*One year*) for Numerical Analysis and Computer Programming in the Department of Electronics and Communication, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi.
8. Worked as a Guest Lecturer (**Part Time**) since January 2003 to December 2007 (*Five years*) for Mathematics in the Department of Civil Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi.
9. Worked as a Guest Lecturer (**Part Time**) since January 2002 to December 2009 (*Eight years*) for Mathematics and Numerical Analysis & Computer Programming in the Department of Mechanical Engineering, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi.
10. Worked as a Guest Lecturer (**Part Time**) since January 2006 to December 2009 (*Four years*) for, Computers for Manager in M.B.A. programme, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi.
11. Worked as a Guest Lecturer since August 2006 to January 2007 (*One semester*) for Mathematics in the Centre of Interdisciplinary Research and Basic Sciences, Jamia Millia Islamia, New Delhi.

Papers Taught :

Mathematical & Computational Method of Electronics.	:	Postgraduate level course in M.Sc. (Electronics)
Biostatistics and Computer Applications	:	Postgraduate level course in M.Sc. (Biotechnology)
Mathematics	:	Graduate level Mathematics in B.E/B. Tech (All Branch) 1 st and 2 nd year. Graduate level Mathematics in B.Sc. (Bio. Tech) & B.Sc. (Bio-Science) 1 st year & 2 nd year. Postgraduate level course in MBA programme.
Essential Mathematics	:	B.Sc. (Bio-Science) 1st semester
Biomathematics & Biostatistics	:	B.Sc. (Bio-Science) 2nd semester
N.A.C.P.	:	Postgraduate/Graduate level Numerical Analysis and Computer Programming in M. Sc/B. Tech (3 rd year)/B.E(Mechanical)-Part-III.
Computer Programming and Applications	:	Graduate level course in LLB – 2 nd year, 3 rd year and B. Tech. 2 nd year.
Computers for Managers	:	Postgraduate level course in MBA programme.

Fundamentals of Mathematics	: A Graduate level course in Integrated M.Sc. (Bio informatics & Biosciences)
Fundamentals of Computing	: A Graduate level course in B. Tech. (all branches)
Information Technology & Bioinformatics	: A Graduate level course in B. Sc.(Biosciences) 3 rd year.
Research Methodology and Biostatistics	: M.PT. (Ortho & Sports) 1 st and 2 nd Semester.
Biophysics & Biostatistics	: Postgraduate level course in M.Sc. (Biosciences)
Biostatistics & Bioinformatics	: Postgraduate level course in M.Sc. (Biosciences/Biochemistry/Microbiology)
Biostatistics	: Ph.D. Course Work.

Lab Experience:

1. Practical lab of N.A.C.P for M.Sc.(Electronics)
2. Practical lab of N.A.C.P for B. Tech (3rd year)
3. Practical lab of Computer Programming for B. Tech (2nd year)
4. Computer Practice in B.A. LL.B. (H) 2nd & 3rd year
5. Computer Programming Lab. for M.B.A.

Research & Published Work:

S.No	Title	Auther Name	Journal Name	Year
1	Linear generating relations associated with Konhauser Madhekar – Thakare, Jacobi and generalized Laguerre polynomial.	Nadeem Ahmad And M.I.Qureshi	<i>South-East Asian Journal of Mathematics and Mathematical Sciences.</i> ISSN 0972-7752 (Print) Vol.4, No.3(2006), pp.43-53.	2006
2	Some Well Known Elliptic Type Integrals and their Hypergeometric forms.	Nadeem Ahmad	<i>International Transactions in Mathematical Sciences and Computers.</i> ISSN: 0974-5068 (Print), 0975-3753 (On line) Vol. 5, No. 2(2012), pp.145-152.	2012
3	A Note on Some Mellin – Barnes type Contour integrals of L.J. Slater.	Nadeem ahmad	<i>International Transactions in Mathematical Sciences and Computers.</i> ISSN: 0974-5068 (Print), 0975-3753 (On line) Vol. 6, No. 1(2013), pp.113-120.	2013
4	Generalized Hypergeometric forms of Some Elliptic Type Integrals.	Nadeem Ahmad	<i>Journal of Pure and Applied Sciences & Technology.</i> ISSN: 2249-9970 (On line) 2231-4202 (Print) Vol.5, No. 1(2015), pp.1-13.	2015
5	Next Generation Sequencing: A New Platform for disease	Almas Jabeen, Nikhat, Nadeem	<i>JMI International Journal of Mathematical Sciences</i>	2016

	Study.	Ahmad and Khalid Raza	ISSN: 0976-5913 Vol:7, pp:50-61, (2016)	
6	A novel multicopper oxidase (laccase) from cyanobacteria: Purification, characterization with potential in the decolorization of anthraquinonic dye.	Sumbul Afreen, Tooba Naz Shamsi, Mohd Affan Baig, Nadeem Ahmad, Sadaf Fatima, M. Irfan Qureshi, Md. Imtaiyaz Hassan, Tasneem Fatma	PLOS One https://doi.org/10.1371/journal.pone.0175144	April 6, 2017
7	Screening and optimization of laccase from cyanobacteria with its potential in decolorization of anthraquinonic dye Remazol Brilliant Blue R	Sumbul Afreen, Fareha Bano, Nadeem Ahmad, Tasneem Fatma	<i>Biocatalysis and Agricultural Biotechnology</i> , <i>ScienceDirect, Elsevier</i> Volume 10, Pages 403–410 https://doi.org/10.1016/j.bcab.2017.05.004	April 2017
8	Mathematical Model for Managing the Renewable Resources.	Nadeem Ahmad	<i>International Journal of Theoretical and Applied Sciences</i> . ISSN: 2249-3247 (On line) Vol: 9(1), pp:28-34	(2017)
9	Some Hypergeometric Generalizations of Question-700 of S. Ramanujan, K.R. Rama Aiyar and K. Appukuttan Erady	Nadeem Ahmad	<i>International Journal of Theoretical and Applied Sciences</i> . ISSN: 2249-3247 (On line) Vol: 9(2), pp:320-326	(2017)
10	Some Theorems Associated with Finite Difference Calculus and its Applications in Hypergeometric Reduction Formulae	Nadeem Ahmad	<i>International Journal on Emerging Technologies</i> . ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255. 10(4): pp.249-256	(2019)
11.	Certain Hypergeometric Summation Theorems Motivated by the works of B.C. Berndt	Nadeem Ahmad	<i>International Journal of Advanced Research in Engineering and Technology (IJARET)</i> ISSN Print: 0976-6480 ISSN Online: 0976-6499 Volume 11, Issue 12, pp.3267-3274	(2020)

Chapters published in Books:

S.No	Title	Auther Name	Book Title editor & publisher	Year
1	Machine Learning-Based State-of-the-Art Methods for the Classification of RNA-Seq Data. pp:133-172	Almas Jabeen, Nadeem Ahmad and Khalid Raza	Springer International Publishing AG 2018 N. Dey et al. (eds.), Classification in BioApps, Lecture Notes in Computational Vision and Biomechanics 26,	2018

			https://doi.org/10.1007/978-3-319-65981-7_6	
			Print ISBN 978-3-319-65980-0	
2	Differential Expression Analysis of ZIKV Infected Human RNA Sequence Reveals Potential Genetic Biomarkers. pp. 283–294	Almas Jabeen, Nadeem Ahmad and Khalid Raza	Springer Nature Switzerland AG 2019 I. Rojas et al. (Eds.): IWBBIO 2019, LNBI 11465, https://doi.org/10.1007/978-3-030-17938-0_26 Print ISBN 978-3-030-17937-3	2019
3	Machine Learning Based Outlook for the Analysis of SNP-SNP Interaction for Biomedical Big Data	Almas Jabeen, Nadeem Ahmad and Khalid Raza	Springer Nature Singapore Pte Ltd. 2020 A. Kumar et al. (eds.), ICDSMLA 2019, Lecture Notes in Electrical Engineering 601, https://doi.org/10.1007/978-981-15-1420-3_2 Print ISBN 978-981-15-1419-7	2020
4	Biosynthesis of gold nanoparticle and their potential application: with special reference to algae and Cynobacteria.	Shezadi, nafe aziz, Nadeem Ahmad, Tasneem Fatma	Taylor & Francis Group, U.S.A. Chapter-10 Algae and Sustainable Technologies. First edition, CRC Press. https://doi.org/10.1201/9781003001911 eBook ISBN:9781003001911	2020

Training Programs /Conferences/Seminar:

1. Participate in 96th four week Orientation Programme from 14th April to 13th May, 2011 organised by the UGC-ASC, Jamia Millia Islamia, New Delhi.
2. Participate in the 2nd week Refresher Course in Basic Sciences (Interdisciplinary) from 03rd May 2012 to 23rd May, 2012 organised by the UGC-ASC, Jamia Millia Islamia, New Delhi.
3. Participate in the 4th three week Refresher Course in Basic Sciences (Interdisciplinary) from 12th May 2014 to 02nd June, 2014 organised by the UGC-ASC, Jamia Millia Islamia, New Delhi.
4. Participate a National Seminar on Metal Toxicity and Oxidative Stress held at Department of Biosciences, Jamia Millia Islamia, New Delhi-25 during September 23-24, 2014.
5. Participate a National Seminar on Recent Advances in Environmental Toxicology held at Department of Biosciences, Jamia Millia Islamia, New Delhi-25 during Feb 13-14, 2017.

6. Participate a National Seminar on Biophysics (BIOPHYSICA-2017) held at Canter for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-25 on March 16, 2017.
7. Participate in the three week Refresher Course in Mathematical Sciences and Computer Application from 29th August 2018 to 19th September 2018 organised by the UGC-ASC, Jamia Millia Islamia, New Delhi.
8. Participate a National Conference on Complex System in Interdisciplinary Sciences, held at Canter for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-25 during March 11-12, 2019.
9. Participate a National Seminar on Biophysics (BIOPHYSICA-2019) held at Canter for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-25 on October 4th, 2019.
10. Participate in Interdisciplinary Sciences Conference on Big data, held at Canter for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-25 on October 21-22, 2019.
11. Participate and Chair in JTA Multidisciplinary International Conference, held at JTA, Jamia Millia Islamia, New Delhi-25 during February 16-18, 2020.
12. Participate a National Conference on Recent Advances in Biological Sciences, held at Department of Biosciences, Jamia Millia Islamia, New Delhi-25 on March 5, 2020.

Project Experience:

1. Developed software in Management Information System (MIS) using FoxPro (LAN 1.02 version) from Central Road Research Institute, New Delhi.
2. Developed Application Software of Inventory Control System for HRD Group in Council of Scientific & Industrial Research, New Delhi.

(Dr. Nadeem Ahmad)

