



مولانا آزاد نیشنل اردو یونیورسٹی

MAULANA AZAD NATIONAL URDU UNIVERSITY

(A Central University established by an Act of Parliament in 1998)

(Accredited with "A+" Grade by NAAC)

مولانا آزاد نیشنل اردو یونیورسٹی

CURRICULUM VITAE

Dr. Mohd. Abdul. Mujeeb

Post graduate Teacher in physics MANUU, Polytechnic, Hyderabad

Maulana Azad National Urdu University, Gachibowli, Hyderabad. Telangana 500032

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,Contact No.:9849619804, 9618538163



CAREER OBJECTIVE

To contribute to academic excellence, research innovation, and character development of students through quality teaching, scientific research, and disciplined training in NCC.

EDUCATIONAL QUALIFICATIONS

- **Ph.D. in Physics** – Maulana Azad National Urdu University
Research Area: Synthesis, Photophysical and Third-Order Nonlinear Optical Properties of Chromophores
- **M.Sc. Physics** – Osmania University
- **B.Ed.** – Osmania University

ACADEMIC EXPERIENCE (23+ Years)

Period	Position	Organization
2002–2011	Lecturer in Physics	Sultan-ul-Uloom Jr. College, Banjara Hills, Hyderabad
2002–2003	Assistant Professor	MJCET, Sultan UI Uloom Educational Society, Banjara Hills, Hyderabad
2003–2014	Resource Person	CEDM, Nizam College, Osmania University Hyderabad
2014– Present	Post Graduate Teacher in Physics	POLYTECHNIC, Maulana Azad National Urdu University, Hyderabad

RESEARCH PUBLICATIONS

International Journals (Springer / Elsevier)

1. Abdul Mujeeb, Md. Zafer Alam, Sultan, H. Aleem Basha, Salman A. Khan, S. M. Afzal, Synthesis, Physicochemical and third order nonlinear optical properties of Bis-Chalcone (BBDP) as Donor-pi Acceptor Chromophore in organize medium Paper Published in Journal of Fluorescence of impact factor 2.5 paper link <https://doi.org/10.1007/s10895-024-03593-0>. CITATION 24
2. Mohd Abdul Mujeeb, Sultan, Zafer Alam, H.Aleem Basha, Salman A Khan, S.M.Afzal Synthesis physicochemical, and third order nonlinear optical properties of imidazole (DPBI) as Donor-Pi-Acceptor Chromophore in organized medium Paper published in the Journal of Molecular Liquids (Publisher ELESIEVER) <https://doi.org/10.1016/j.molstruc.2025.142517>
3. Asha Siddikha Mohd Abdul Mujeeb K. Swetha Boodida Sathyanarayana Muga Vithal Synthesis of novel Ag/AgBr/K0.4Y0.7Sb2O6.25 nano composite with enhanced photo catalytic properties paper published in Optik an international journal for light and electron optic (publisher ELSEVIER) 303 (2024) 171745

4. Asha Siddikha ,Boodida Sathyanarayana , Vithal Muga, Mohd Abdul Mujeeb, Preparation, characterization and photo catalytic studies of defect pyrochlore, $\text{KMnO}_3\text{Te1}\cdot 67\text{O}_6$ and its composite with $\text{g-C}_3\text{N}_4$ Paper published in *Chemistry of Inorganic Materials*(publisher ELSEVIER)
5. Mohd Abdul MUJEEB, Zafer Alam, Aleem Basha, Salman A Khan, Rizwan ul Haq Ansari Recent Advances in the Third Order Nonlinear Optical Properties of Chalcone Derivatives: a Review A paper published in *Journal of fluorescence* (Springer) <https://doi.org/10.1007/s10895-025-04576-5>
6. **Review Article** Md. Shahbaz , Umme Salma , Md. Zafar Alam, **Mohd Abdul Mujeeb**, Rizwan ul Haq Ansari, H. Aleem Basha, Alimuddin, Salman A. Khan Fluorescent/ Photo luminescent Carbon Dots as a Sensor for the Selective and Sensitive Detection of $\text{Fe}^{3+}/\text{Fe}^{2+}$ Metal Ions. A Review of the Last Decade. A paper published in the *Journal of fluorescence*
7. Auto-catalytic Ion Efflux Constant of Seeds MOHAMMAD ABDUL MUJEEB¹,S.VENKATESWARA RAO², M.K.M.ZAFAR³, Adeel Ahmed⁴, *International Journal of Scientific Engineering and Technology Research* Volume.05, IssueNo.07, March-2016, Pages: 1244-1245
8. FTIR Spectroscopic Analysis on Human Hair, Mohd Abdul Mujeeb¹,M.K.M Zafar, *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 6, Issue 5, May 2017
9. SEM Analysis of Human Hair, ¹Mohammed Abdul Mujeeb and ²Mohd Khalid Mubashir Uz Zafar, *INTERNATIONAL JOURNAL OF RESEARCH CULTURE SOCIETY*, Available online on -WWW. IJRCS. ORG Page 19
10. ENERGY DISPERSIVE X-RAY ANALYSIS OF HUMAN HAIR, Mohd Abdul Mujeeb¹ and Kahlid M Zafar, *International Journal of Science, Environment ISSN 2278-3687(O) and Technology*,Vol.6,No3,2017, 2036 – 2040
11. U – Shaped glass rod based Optical Fiber Sensor – distribution of power between evanescent waves and meridional waves during transmission of light, S.VenkateswaraRao¹, Mohammad Abdul Mujeeb², M.K. M.Zafar³, Adeel Ahmad⁴,*International Journal of Advance Research in Science and Engineering* Vol No. 6 Issue No. 09, September 2017.

BOOK CHAPTER

- Mohd Abdul Mujeeb, H. Aleem Basha, Salman A. Khan, D–A Chromophore used as Smart OLED – Published by Taylor & Francis Group

CONFERENCES & PAPER PRESENTATIONS

1. Participated in National Seminar on Teaching & Research in Biophysics held on 28th Feb 2011 Dept of physics Nizam College Osmania University, Hyderabad.
2. Participated in National conference on Environmental Radiation and Functional Materials held from February 28 - 1st March, 2015 at Dept of physics University College of Science, Osmania University, Hyderabad
3. Participated in National Seminar on Recent Advances in Applied Nano Materials held from 04-05 March, 2016 at Dept of physics University College of Science, Osmania University, Hyderabad.
4. Attended physics Olympiad programme from November 28 to December 1, 2017 at Homi Bhabha Centre for Science Education (TIFR), Mumbai.
5. Participated in the second National conference on Recent Advances in Applied Nano Materials held from 16-17 February, 2018 at Dept of physics University College of Science, Saifabad Osmania University, Hyderabad.
6. Synthesis physic chemical and Third order non linear optical properties of Bis Chalcone Presented a paper in the International Science Conference on Sustainable Development Through Science and Technology held on 27th Feb to 28thFebruary 2023 at MANUU.
7. Presented a paper in the International Urdu Science Conference-2024(IUSC-2024) Vision India@2047 March4-5,2024 on “Science for a Sustainable Future”
8. Synthesis, physic chemical & third order non linear optical properties of chromospheres Presented a paper in National Symposium, Current Advances in Applied Physics(NSCAAP-2024)28-29 February 2024 Maulana Azad

9. Synthesis, physic chemical & third order non linear optical properties of thio semi carbazone Presented a paper in Inter National conference on Current Advances in Applied Physics(INSCAAP-2025)20-21 February 2025 Maulana Azad National Urdu University (MANUU), Hyderabad
10. Synthesis, spectroscopic studies & third order non linear optical properties of IMIDAZOLE as Donor-Pi-Acceptor type organic chromospheres Presented a paper in second Inter National conference on Current and Applied Physics 7th January 2026 at Maulana Azad National Urdu University (MANUU), Hyderabad.

TEACHING EXPERIENCE

Academic Session	Program Level	Program	Course Name
2014-2015	Diploma	Diploma in CSE	Applied Physics
2014-2015	Diploma	Diploma in IT	Applied Physics
2015-2016	Diploma	Diploma in ECE	Applied Physics
2015-2016	Diploma	Diploma in CSE	Applied Physics
2016-2017	Diploma	Diploma in IT	Applied Physics
2017-2018	Diploma	Diploma in IT	Applied Physics
2017-2018	Diploma	Diploma in ECE	Applied Physics
2018-2019	Diploma	Diploma in IT	Applied Physics
2018-2019	Diploma	Diploma in ECE	Applied Physics
2019-2020	Diploma	Diploma in IT	Applied Physics
2019-2020	Diploma	Diploma in ECE	Applied Physics
2021-2022	Diploma	Diploma in IT	Applied Physics
2021-2022	Diploma	Diploma in ECE	Applied Physics
2022-2023	Diploma	Diploma in IT	Applied Physics
2022-2023	Diploma	Diploma in ECE	Applied Physics
2023-2024	Diploma	Diploma in IT	Applied Physics
2023-2024	Diploma	Diploma in ECE	Applied Physics
2024-2025	Diploma	Diploma in IT	Applied Physics
2024-2025	Diploma	Diploma in ECE	Applied Physics
2025-2026	Diploma	Diploma in IT	Applied Physics
2025-2026	Diploma	Diploma in ECE	Applied Physics
2025-2026	B. Tech	Civil	Applied Physics

CURRICULUM DEVELOPMENT

- Contributed to syllabus development of Applied Physics
- Diploma in Engineering (CSE/IT/ECE/Civil)
- Board of Studies Approved: 07 Feb 2022
- Board of School Approved: 24 Feb 2022

ADMINISTRATIVE RESPONSIBILITIES-MANUU

- Associate NCC Officer – MANUU NCC Sub Unit, 1 Telangana ARTY BTY NCC Unit, Secunderabad
- Coordinator – Technical Fest
- Committee Member – National Festivals
- Organized Guard of Honour for National Dignitaries
- Camp Adjutant – NCC Camps

NCC & DEFENCE SERVICE

Associate NCC Officer (Lieutenant – Commissioned Officer)

MANUU NCC Sub Unit, 1 Telangana Arty Bty NCC, Secunderabad.

- Commissioned as Lieutenant (2020) by Ministry of Defence
- Completed **Pre-Commission Refresher Course (PRCN)** – 3 Months at Officers Training Academy Nagpur
- participated in:
 - Army Attachment Camp
 - Annual Training Camp (ATC)
 - All India Trekking Camp, Nagaland
- Served as **Camp Adjutant**
- Led NCC Cadets in Guard of Honour presentations to:
 - R. Venkataramani Attorney General of India,
 - Dr. Subhas Sarkar Central Minister
 - M. Jagadesh Kumar UGC Chairman
 - AICTE Chairman
 - NCTE Chairman
 - NAAC Peer Team

I hereby declare that the above mentioned information is true to the best of my knowledge and belief.

Date:

Place :

Dr. MOHD ABDUL MUJEEB