CURRICULUM VITAE

Dr. Islam Uddin
Assistant Professor
Department of Applied Sciences and Humanities, Faculty of Engineering and Technology
Jamia Millia Islamia, New Delhi

Curriculum Vitae

I am Islam Uddin, an Assistant Professor at Jamia Millia Islamia, where I specialize in teaching Engineering Physics. My passion for education and research has driven my career, and I take great pride in fostering the growth of aspiring engineers. I hold a Master of Science (MSc) degree from Aligarh Muslim University (AMU) and have earned a Doctor of Philosophy (PhD) from Jamia Millia Islamia (JMI). These educational milestones have equipped me with the knowledge and expertise necessary to contribute meaningfully to the academic community.

Name:	Dr. Islam Uddin
Designation:	Assistant Professor
Gender:	Male
Social Category:	General
Office Address:	Department of Applied Sciences and Humanities, Faculty of Engineering and Technology Jamia Millia Islamia, New Delhi-110025, India
Mobile:	+91 9810567930
Email (Primary): Email (Secondary):	islamftp@gmail.com iuddin@jmi.ac.in
Field(s) of Specialization:	Material Science, Nanoscience & Nanotechnology
Date of Birth:	4th December, 1967

Educational Qualifications

Name of the Examination	Board/ University	Subjects	Year of passing	Division
Ph. D.	Jamia Millia Islamia (Central University), New Delhi, INDIA	Investigation of Electrical and Optical Properties of novel ZnO Nano structures	2011	Awarded
P.G.D.C.A.	Aligarh Muslim University	Computer Science	1990	1st
M.Sc.	Aligarh Muslim University	Physics (Electronics)	1989	1st
B.Sc.	Agra University	Physics, Chemistry and Mathematics	1987	1st
High School	UP Board Allahabad, UP.	English, Mathematics, Science, Hindi & Urdu.	1983	1st

Teaching Experience

Name of the institute	Position	Teaching Responsibilities	from	To
Department of Applied Sciences and Humanities, Jamia Millia Islamia (Central University), New Delhi	Assistant Professor	B.Tech. (Semester I and II): Engineering Physics (Theory and Lab	July 2023	Till date
Department of Applied Sciences and Humanities, Jamia Millia Islamia (Central University), New Delhi.	Assistant Professor (Contractual)	B.Tech. (Semester I and II): Engineering Physics (Theory and Lab) M.Tech (Semester I and II): Fundamentals of Energy science; Physics and Chemistry of materials (Theory and Lab)	July 2018	June 2023
Department of Physics, Qassim University, (KSA)	Assistant Professor	Engineering Physics and biological Physics	September 2012	September 2017
Department of Applied Sciences and Humanities, Jamia Millia Islamia	Assistant Professor (Guest Faculty)	B.Tech (Semester I and II): Engineering Physics (Theory and Lab)	August 2007	August 2010

Scholarship /award

1. Post Graduate merit Scholarship for two years in M.Sc. from 1987 to 1989 in Aligarh Muslim University (AMU).
2. First prize on National Science Day in 1987 in A.M.U. Aligarh, U.P.

Publications

In International Journals

1. Electrical Transport Properties of ZnO nanostructures. Islam Uddin et al. International Journal of Nanoparticles 2(6) 2009 102-109.
2. Synthesis and Characterization of ZnO nanoparticles. Islam Uddin et al International Journal of Nanoparticles 2 (6) 2009 150-157
3. Optical and Electrical Characterizations of ZnO Thin Film Islam Uddin et al .Int. J. of Nano Science, Oct 2010, vol 9, No, 5, p. 423-429.
4. Laser Irradiation Effect on the Optical Properties of Se88Te10 Al2 Thin Films Islam Uddin et al., American Scientific Research Journal for Engineering, Technology, and Sciences Vol 15, No.1 (2016).
5. Effect on the Optical Properties of a-Se88Te12-xAlx thin Films. IslamUddin et al., Chalcogenide Letters Vol. 13, No. 3, March2016, p. 17-125
6. Laser Irradiation Effect on the Optical Band Gap of Se96-xTe4Hgx Thin Films Islam Uddin et al Journal of modern materials Vol. 1 Issue 1, pp: 17-23, July 2016,
7. Variations in Optical Properties of ZnS/Cu/ZnS Nanostructures Due to Thickness Change of ZnS Cap Layer , Islam Uddin et al., Journal of Modern Materials 2 (1), 25-30, October 2016.
8. Laser Irradiation Effect on the Optical Band Gap of Se-Te-Al Thin Films Islam Uddin et al., International Annals of Science 1 (1), 8-14 October 2016
9. Electrical Transport Properties of Thin Film Composed of a-ZnO Nanorods Islam Uddin et al., Current Nanomaterials 1 (3), 190 to 194 , 2017
10. Optical properties of pure and PbSe doped TiS2 nanodiscs IslamUddin et al Published 6 June 2018, Materials Research Express, Volume 5, Number 6.
11. An Overview of Photoconductivity in Zn-based Nanomaterials, Advanced Nano Research, Islam Uddin Vol 3 no.1,p 46,Oct 2020. .
12. Critical Review on Recent developments in Conducting Polymer Nanocomposites For Supercapacitors Islam UddinVolume 295,Synthetic Metals(11326) -2023.
13. Growth of MWCNTs with composite catalyst: synergistic enhancement of field emission and gas sensing properties at room temperature. Mohd Sarvar, Mohd Yaseen Lone, Shah Masheerul Aalam, Md Faiz Akram, Islam Uddin, Mohammad Shahid Khan, Javid Ali. J. Nanoparticle Research, Vol. 25 (7), pp 1-7 (2023).
14. The effect of CuO concentration on the dc conductivity of ternary metal oxide nanocomposite, Vol. Uddin, I., Sarvar, M., Khan, F. et al, Indian J Phys (2023).

In Conference: National

1. Synthesis and characterization of ZnO nanostructures. Islam Uddin et al IEEEDOI:10.1109/IWPSD.2007.4472673
2. Hydrothermal synthesis of poly (3,4-ethylenedioxythiophene) for high- rate performance super capacitor ,Islam Uddin et al AIP Conference proceeding 1953,030072 (2018).

Conference/Seminar Attended

1. Two Day National Conference on Recent Trends in Synthesis and Applications of Advanced Materials, 5-6 December, 2011 at Maharaja Agrasen Institute of Technology, Rohini, Delhi.
2. International workshop on the Physics of Semiconductor Devices, December 15-19, 2009, JMI/SSPL, New Delhi, India
3. National Seminar on Condensed Matter, High Energy and Nuclear Physics, 23-24 March, 2009, Jamia Millia Islamia, New Delhi.
4. Fourteenth APAM Conference on State of Materials Research and New Trends in Materials Science, ILTP Workshop on Problems of Nano Science & Technology and APAM General Assembly 18-20 November 2008, National Physical Laboratory, New Delhi.
5. Nanotechnology: The Science of Future, September 05, 2008, FICCI, Federation House, Tansen Marg, New Delhi.
6. International Conference on Nanotechnology: Opportunities and Challenges ICON008, 17-19 June 2008, Center of Nanotechnology, King Abdul Aziz University, Jeddah, Saudi Arabia.
7. Pre Conference Tutorial entitled Nanotechnology: Towards Future Horizons, 4- 16 June 2008, Center of Nanotechnology, King Abdul Aziz University, Saudi Arabia.
8. Natural Science Info Fest NSIF-08, March 4-6, 2008, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi-110025.
9. Non Equilibrium Phenomena in Condensed Matter, 21-23 February 2008,Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002.
10. Seminar on Development in Materials, High Energy and Nuclear Physics, February 20-21, 2008, Jamia Millia Islamia, New Delhi 110025.
11. National Seminar on Nano Materials & Devices, January 30, 2008, Jamia Millia Islamia, New Delhi-110025.
12. 14th International Workshop on the Physics of Semiconductor Devices, December 16-20, 2007, IIT/TIFR, Mumbai, India.
13. Sixth Abdus Salam Memorial Lecture 2007-08 by Prof. Douglas D. Osheroff (Noble Laureate), Stanford University, Stanford, California, U.S.A. on “How Advances in Science are made”, 24th November 2007 at Jamia Millia Islamia, New Delhi-110025.

Foreign Visit

1. Pre Conference Tutorial entitled “Nanotechnology: Towards Future Horizons”, 14- 16 June 2008, Center of Nanotechnology, King Abdul Aziz University, Jeddah, Saudi Arabia.
2. International Conference on “Nanotechnology: Opportunities and Challenges ICON008”, 17-19 June 2008, Center of Nanotechnology, King Abdul Aziz University, Jeddah, Saudi.