CURRICULUM VITAE

Dr. Mohd. Mubashshir Hasan Farooqi

Assistant Professor Department of Computer Science and Engineering School of Engineering Sciences and Technology (SEST) Jamia Hamdard University, Hamdard Nagar New Delhi -110062 (India) Emails: <u>farooqiauecjk@gmail.com</u>, farooqi.susee@gmail.com Contact no: +918595494985, +918800107405, Skype id: *farooqi.susee* Google Scholar: <u>https://scholar.google.com/citations?user=Zu7gUGkAAAAJ&hl=en</u> Scopus ID: 57132511100 Orcid ID: <u>https://orcid.org/0000-0001-8310-7046</u>



Professional Summary:

Experienced and dedicated Assistant Professor with a robust academic and research background in Electronics and Communication Engineering (ECE), along with integrated teaching experience in Computer Science and Engineering (CSE). Specialized in the synthesis and characterization of II-VI nanomaterials for optoelectronic device applications, with several impactful publications in reputed international journals. Demonstrates excellence in teaching both foundational and advanced subjects such as Artificial Intelligence, Computer Architecture, Microprocessors, Data Communication and Computer Networks, and ECE core areas including VLSI Design, Microwave Engineering, and Antenna & Wave Propagation.

Committed to delivering high-quality education, fostering student engagement, and guiding academic projects. Adept at designing effective curricula, developing lab-based learning experiences, and contributing to institutional growth through research and mentorship. Recognized for a student-centered teaching approach and a strong commitment to academic excellence.

Key Skills and Expertise:

- Extensive Teaching Experience across undergraduate and postgraduate programs in ECE and CSE domains.
- **Curriculum Design & Assessment**: Proficient in preparing lectures, lab modules, and customized assessments aligned with academic objectives.
- Research Proficiency: Expertise in II-VI nanomaterials synthesis and characterization for optoelectronic devices.

- **Experimental Skills**: Skilled in experimental setup, materials analysis, and interpreting research data.
- Technical Proficiency: Deep knowledge of VLSI Design, Antenna & Wave Propagation, Microwave Engineering, Embedded Systems, Artificial Intelligence, Computer System Architecture, Microprocessors, and Computer Networks.
- **Student Mentorship**: Experienced in guiding student research projects, internships, and providing academic counseling.
- **Publication & Peer Review**: Authored and reviewed several papers in international journals; active in academic conference engagement.
- **ECE/CSE Integrated Teaching**: Demonstrated ability to teach interdisciplinary subjects bridging ECE and CSE concepts.

Degrees	Name of University	Year of Passing/ Date of award	Subject/ Title of thesis
Doctor of Philosophy (D. Phil)	University of Allahabad, Allahabad (A Central University)	2017	Subject: Electronics and Communication Title of thesis: "Synthesis and Characterization of II-VI Nano and Bulk Materials for Optoelectronic Device Applications"
Master of Philosophy (M. Phil.)	The Global Open University, Nagaland	2010	Electronics
Master of Technology (M. Tech.)	JRN Rajasthan Vidyapeeth (Deemed) University, Udaipur	2006	Electronics and Telecommunication Engineering (Digital VLSI Design)
Master of Science (M. Sc.) equivalent to Bachelors degree in Engineering	Jamia Millia Islamia, New Delhi. (A Central University)	1998	Electronics Specialization: i. Computer Communication and Networking ii. Digital Signal Processing
Bachelor of Science (B. Sc.)	Rohilkhand University, Bareilly	1994	Physics, Mathematics and Chemistry

Education:

Professional Experience (Teaching):

- Presently working as Assistant Professor in the Department of Computer Science and Engineering, School of Engineering Sciences and Technology (SEST) Jamia Hamdard University (NAAC A+ Deemed University) Hamdard Nagar, New Delhi-110062 since 8th February 2024 to present.
- Conducting classes for B.Sc. Computer Science/ BCA and B.Tech (ECE) students in accordance with the designated timetable

Current Subjects teaching: (2024-25 even semesters):

- Introduction to Artificial Intelligence both theory and their lab
- Antenna and Wave Propagation
- Health and Nursing Informatics for B.Sc. Nursing
- Computer Education for DGNM program.

Subjects taught: (2024-25 odd semesters)

- Computer System Architecture theory and their lab
- Electromagnetic Field Theory (one month)

Subjects taught (2023-2024 even semesters)

- Data Communication and Computer Network Basics,
- Artificial Intelligence Lab
- Analog Circuit Lab
- **2. Founder and Academic Consultant,** *Online Scholarly Support Network* since from July 2023 Jan 2024.
- Established and managed an online scholarly support network offering comprehensive academic assistance, research guidance, and curriculum design services tailored to B.Sc, B.Tech, M.Sc, and M.Tech courses in accordance with the objectives outlined in the new education policy.
- Developed and implemented innovative strategies to enhance student learning outcomes and foster academic success.
- Designed syllabi and curriculum frameworks that integrated modern pedagogical approaches and interdisciplinary perspectives.
- Provided personalized guidance and mentorship to students and faculty members to support their academic and professional development.
- **3.** Worked as **Assistant Professor (contractual)** –**M.Sc. Electronics programme** in the Department of Applied Sciences and Humanities, Faculty of Engineering and Technology,

Jamia Millia Islamia (JMI) (A Central University) New Delhi-110025 since 6th September 2022 to 31st May 2023.

Main Subject Taught and Academic Activity:

- Conducted classes for M.Sc. Electronics students in accordance with the designated timetable. Subjects taught: Taught courses in Electronics Science including: Digital Logic and Computer Design, Computer Architecture, VLSI Circuit Design and Device Modeling, Microprocessors and Microcontrollers, Embedded Systems
- Monitored and facilitated Massive Open Online Courses (MOOC)
- Assisted students in navigating course materials, answering queries, and providing technical support.
- Organized and delivered seminars on relevant topics.
- Guided students in understanding complex concepts and fostering critical thinking.
- Provided guidance and support to students undertaking research projects. Assisted in project selection, research methodology, and project implementation.
- 4. Worked as Guest Faculty –M.Sc. Electronics programme in the Department of Applied Sciences and Humanities, Faculty of Engineering and Technology, Jamia Millia Islamia (JMI) (A Central University) New Delhi-110025 since 19th August 2019 to 25th May 2022. (03 Academic year)

Main Subject Taught and Academic Activity:

- Taught various courses in Electronics Science, including Analog and Circuit Electronics, Analog and Digital Electronics, Computer Architecture, VLSI Circuit Design and Device Modeling, Microprocessors and Microcontrollers, and Embedded Systems.
- Designed and implemented curriculum, assessments, and laboratory sessions.
- Prepared course files in compliance with the requirements of the National Assessment and Accreditation Council (NAAC).
- Monitored and facilitated Massive Open Online Courses (MOOC)
- Mentored and guided students in research projects.
- Actively participated in departmental meetings and committees.
- 5. Worked as Assistant Professor in the Department of Physics, MAS Degree College, Kunda (UP) (Affiliated to Allahabad State University) since 01st December 2017 to 31st May, 2019 (01 year 06 months)

Main Subject Taught and Academic Activity:

- Subjects taught (M.Sc. Physics programme): Electronics, Electronics-1 and Electronics-2, Physics of Electronics Material and Devices
- Tested students on knowledge of physics and retention of class lessons.

- Provided physics demonstrations to illustrate how coursework can be applied.
- Managed course grade book and schedule of activities to direct students' learning progress.
- Worked as Assistant Professor in the Faculty of Electronics, Informatics and Computer Engineering, Shobhit University, Meerut from 15th September 2006 to 11th July 2011. (4years & 9 Months)

Main Subject Taught and Academic Activity:

- Conducted classes for B. Tech (ECE) and B. Tech. (CSE) students in accordance with the designated timetable.
- Subjects taught: Digital Circuit and Logic Design, VLSI Design, VLSI Technology and Design, Semiconductor Material and Devices, Antenna & Wave Propagation, Microwave Engineering, Electromagnetic Field Theory, Fundamentals of Radar and Navigation
- Handled classroom administration for professors.
- Contributed to campus activities to promote positive university image.
- Applied innovative teaching methods to encourage student learning objectives.
- Contributed to planning appropriate and engaging lessons for classroom.
- Actively participated in departmental meetings and committees.
- Organized and supervised laboratory sessions.
- 7. Worked as Lecturer in Department of Electronics and Communication Engineering, College of Engineering &Technology, IILM Academy of Higher Learning, Greater Noida from 01-01-2006 to 14.09.2006. (08 Month and 14 days)

Main Subject Taught and Academic Activity:

- Taught the course "Digital Communication" to B. Tech ECE students.
- Prepared and delivered lectures, conducted interactive sessions, and facilitated discussions to enhance student understanding.
- Developed course materials, including lecture slides, assignments, and assessments.
- Evaluated student performance through assignments, quizzes, and examinations, providing feedback and grades
- Guided students in their supervised laboratory sessions related to Digital Communication. Performed exam invigilation duty, ensuring adherence to examination rules and maintaining a fair and secure testing environment.
- Assisted in academic administrative tasks, such as maintaining student records and organizing educational events.
- Worked as Demonstrator in Department of Physics, College of Engineering &Technology, IILM Academy of Higher Learning, Greater Noida from 14th August, 2003 to 31st December, 2005. (02 Years and 4.5 Month)

Main Subject Taught and Academic Activity:

- Assisted in the supervision and management of the B. Tech. Physics lab sessions. Demonstrated experimental procedures and techniques to students, ensuring their understanding and safety.
- Prepared laboratory equipment, materials, and samples for each experiment. Provided guidance and support to students during lab sessions, helping them perform experiments accurately and effectively.
- Assisted students in analyzing experimental data and interpreting results. Addressed student questions and concerns regarding the experiments and their underlying principles.
- Ensured adherence to lab safety protocols and maintained a safe working environment for students.
- Collaborated with faculty members in developing and updating lab manuals and experiment instructions.
- Assisted in the maintenance and calibration of lab equipment, troubleshooting issues as needed.
- **9.** Worked as Lecturer (contract) and part time lecturer (Physics) at the school and polytechnic level. (Approx: 05 years)

Professional Experience (Research):

- 10. Worked as Senior Research Fellow (SRF) in the Department of Electronics and Communication, University of Allahabad from 12th July 2013 to 11th July, 2015. (03 years) (under Maulana Azad National Fellowship scheme implemented by UGC, New Delhi)
- Conducted research on the Synthesis and Characterization of II-VI Nanomaterials for Optoelectronics Device Applications.
- Designed and conducted experiments, collected and analyzed data.
- Published research findings in reputable journals and presented at conferences.
- Collaborated with interdisciplinary teams to advance research objectives.
- 11. Worked as Junior Research Fellow (JRF) in the Department of Electronics and Communication, University of Allahabad from 12th July 2011 to 11th July, 2013. (02 years) (under Maulana Azad National Fellowship scheme implemented by UGC, New Delhi)
- Assisted in research activities under the guidance of senior researchers and research supervisor.

- Contributed to data collection, analysis, and interpretation for the research project. Conducted literature reviews to understand the current state of research in the field and identify research gaps.
- Assisted in designing experiments, developing research methodologies, and troubleshooting technical issues.
- Collected and organized research data, ensuring accuracy and compliance with research protocols.
- Assisted in the preparation of research reports, presentations, and manuscripts for publication.
- Participated in research meetings, seminars, and workshops to enhance knowledge and skills in the field.
- Demonstrated proficiency in using laboratory equipment, instruments, and software relevant to the research project.
- Maintained records of research activities, including protocols, data files, and experimental notes. Actively contributed to a positive and collaborative research environment by sharing ideas and insights.

Total Experience:

More than 15 years

Publications:

A. Journal Articles:

- Mohd. Mubashshir Hasan Farooqi and Rajneesh Kumar Srivastava," "Effect of Annealing Temperature on Structural, Photoluminscence and Photoconductivity Properties of ZnO Thin Film deposited on Glass Substrate by Sol-Gel Spin Coating Method", "Proceedings of the National Academy of Sciences, India A:Physical Sciences" 90, 845-859, (2020) (https://doi.org/10.1007/s40010-019-00648-x) (IF 1.544) (SCI and Scopus indexed –Q3)
- 2. Mohd. Mubashshir Hasan Farooqi and Rajneesh Kumar Srivastava, "Structural, optical and photoconducting properties of ZnO nanoparticles synthesized by annealing of ZnS nanoparticles" "Journal of Alloys and Compounds" 691, 275-286 (2017), (<u>https://doi.org/10.1016/j.jallcom.2016.08.245</u>) (I.F.5.316) (SCI and Scopus indexed-Q1)
- **3. Mohd. Mubashshir Hasan Farooqi** and Rajneesh Kumar Srivastava, "Enhanced UV-vis Photoconductivity and photoluminescence by doping of samarium in ZnO nanostructures synthesized by solid state reaction method", "Optik", 127, 3991-3998, (2016) (<u>https://doi.org/10.1016/j.ijleo.2016.01.074</u>) (**IF** = **2.443**) (SCI and Scopus indexed-Q2)

- Mohd. Mubashshir Hasan Farooqi and Rajneesh K. Srivastava, "Structural, Optical and Photoconductivity Study of ZnS Nanoparticles Synthesized by Low Temperature Solid State Reaction Method", "Materials Science in Semiconductor Processing", 20, 61–67 (2014), 2014, (<u>https://doi.org/10.1016/j.mssp.2013.12.028</u>) (IF=3.927) (SCI and Scopus indexed -Q2)
- **5. M. M. Hasan Farooqi**, Rajneesh K. Srivastava and S. G. Prakash, "Study of Photosensitive ZnO Thin film synthesized by Sol gel Method" "*International Journal of Electronics and Electrical Engineering*", 5(10) 967-970 (2012), ISSN 0974-2174.
- Mohd Mubashshir Hasan Farooqi, R. K. Srivastava, S. G. Prakash "Study of UV-vis Photo response of ZnO Nano-Particles Synthesized by Solid State Reaction Method in Presence of Triethanolamine (TEA)", "IJPAS, International Journal of Pure & Applied Sciences", 2 (1) 35-38 (2013) ISSN No. 2250- 2289
- Mohd Mubashshir Hasan Farooqi, R. K. Srivastava, and S. G. Prakash "Photoconductivity and Dark-Conductivity of ZnO Nanoparticles under UV Illumination by Solid State Reaction Method" "Journal of International Academy of Physical Sciences," 181-187, (2012) ISSN 0974-9373
- Syed Ghause Ibrahim, S. A.Waghuley, M. M. Hasan Farooqi, A.V. Kadu "Structural and Morphological Properties of Spray Deposited Lead Telluride Thin Films", "International Journal of Scientific Research in Science and Technology" 9(4), 100-103, (2021) ISSN: 2395-6011

B. Conference Papers:

1. Mohd Mubashshir Hasan Farooqi, R. K. Srivastava, S. G. Prakash "Study of Rise and Decay of ZnS Nanoparticles synthesized by Solid State Reaction Method under UV-vis Illumination", *AIP Conf. Proc.* 1536, 179 (2013); doi: 10.1063/1.4810159 (Scopus indexed)

C. Book Chapters:

 Syed Jafar Mustafa, Mohammad Mubashshir Hasan Farooqi, and M. Nizamuddin, "Memristor Based Devices For Hardware Security Applications" (chapter 3), "Nanoscale Memristor Device and Circuits Design" Balwinder Raj, Ahmed Hemani, Abusaleh M. Jabir, Saurabh Khandelwal, (Elsevier) 08th November 2023

- 2. Syed Jafar Mustafa, Mohd Mubashshir Hasan Farooqi, "Memristor-Based Nanoelectronic Circuits for Computational Applications" (chapter 6), "Advances in Electronics and Communication Engineering", Haung Xiao, Vol.3, AkiNik Publications, New Delhi, 2022
- **3. Mohd Mubashshir Hasan Farooqi,** Syed Jafar Mustafa, "Synthesis, Properties and Applications of Nano-Fluids" (chapter 2), "Research Trends in Multidisciplinary Research", R. Jaykumar, Raja Reddy.Duvvurv Volume 32 ,AkiNik Publications, New Delhi, 2022)
- 4. Mohd Mubashshir Hasan Farooqi, Monika Aggarwal, "Gas Sensing Properties and Applications of Metal Oxide Thin Film Transistors" (chapter 4), Nanomaterials for Sensors and Sustainable Energy Volume 2, Sadia Ameen · Shaheer M. Akhtar · Ing Kong Editors, Springer (17th April 2025 First Online)
- **5.** Syed Ghause Ibrahim, **M.M.Hasan Farooqi**, "Spray pyrolyzed prepared thin films of tetragonal indium sulphide" Futuristic Trends in Chemical, Material Science & Nano Technology IIP Series, Volume 3, Book, Part, (April 2024)

D. Conference Presentations:

- Mohd Mubashshir Hasan Farooqi, R. K. Srivastava, "Investigation of Photoconductivity in Sm-doped ZnO nanopowder", 18th International conference on Recent Trends in Physical Sciences organized by International Academy of Physical Sciences (CONIAPS XVIII), Faculty of Science, University of Allahabad, Allahabad and United Group of Institutions, Allahabad - India., Dec 22nd –24th, 2015,
- **2. Mohd Mubashshir Hasan Farooqi,** R. K. Srivastava, "Photoresponse of ZnS nanoparticles", National Conference on Chemistry and Life, CMP Degree College, University of Allahabad, Allahabad, 16-17 September, 2012
- 3. **Mohd Mubashshir Hasan Farooqi,** Syed Ghause Ibrahim, "Synthesis and Characterization of Indium Phosphide (InP): A Versatile Semiconductor Material", National virtual conference on popularity of Science Among the society, Department of Physics, Bundelkhand University (BU), Jhansi, 12- 14 October 2020

E. Invited Talks:

1. Mohd Mubashshir Hasan Farooqi, "Photoconductivity Properties of ZnO nanoparticles fabricated by ZnS nanoparticles", National Conference on Nanoscience & Technologies in

Digital India-2018 (**NANOTCON- 18**), Department of Electronics & Electrical Engineering, Shobhit Institute of Engineering & Technology, Meerut, 28th April 2018

Research Skills:

- Expertise in photoconductivity measurements, spin coating, and chemical synthesis.
- Skilled in XRD analysis for crystal structure and phase identification.
- Proficient in UV-vis, FTIR, and PL spectroscopy for optical and molecular characterization.
- Experienced in interpreting PL and FTIR spectra for bandgap, bonding, and structural analysis.
- Hands-on experience with SEM, HRSEM, TEM, and HRTEM imaging and sample preparation.
- Skilled in microstructural analysis, particle size distribution, and lattice imaging.
- Proficient in EDS for elemental analysis and SAED for crystallographic studies.

Research Areas / Future Directions (Brief):

- Thin-Film Optoelectronics & Photonics: Design, fabrication, and characterization of thin-film devices for optical sensing and communication; future focus on high-speed components for 5G/6G systems and AI-driven performance optimization.
- **Photovoltaic Devices**: Simulation, fabrication, and enhancement of solar cell technologies using diverse materials; future direction includes AI-optimized solar harvesting for self-powered IoT in smart infrastructure.
- **Photoconductive Microstrip Antennas**: Development of antennas for RF energy harvesting with photoconductive materials; future research targets mmWave/THz compatibility and ML-assisted tuning for next-gen wireless networks.
- **MEMS-Based Sensors**: Fabrication and experimental validation of MEMS sensors with advanced materials; future integration with AI for predictive analytics, signal processing, and edge computing in smart systems.
- Nanoelectronics Modeling & Simulation: Computational modeling of nanoscale devices for electronic applications; future research explores simulation-driven design for ultrafast 6G circuits and energy-efficient electronics.
- **Memristor-Based Circuits**: Design and simulation of memristor circuits for neuromorphic and intelligent computing; future focus on hybrid AI/ML-integrated architectures for real-time edge applications in 5G/6G networks.

Professional Development/Training Programs:

- 1. NPTEL-AICTE Faculty Development Programme on "Fabrication Techniques for MEMs- based Sensors: Clinical Perspective", July- October 2021 (12 weeks)
- 2. NPTEL-AICTE Faculty Development Programme on ""Microelectronics: Devices to Circuits"", September- December 2020 (12 weeks)
- MHRD sponsored Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0", Teaching Learning Centre, Ramanujan College University of Delhi., 25th July 2020-10.08.2020 (2 weeks)
- AICTE Recognized Refresher Course on "Application of Nanoscience in Modern Day Research and Technology", Applied Science Department NITTTR, Chandigarh, 19-06.2020-02.07.2020 (2 weeks)
- AICTE-ATAL Scheme Faculty Development Programme on "Nanotechnology for Electronic and Photonic Devices" (NanoDev 2021), Department of Electronics and Communication Engineering, Punjab Engineering College, Chandigarh, 12.07.2021-16.07.2021 (01 week)
- AICTE-ATAL Scheme Faculty Development Programme on "Electrets Applications in Sensors, Microelectronics and Actuators", Shree G.S. Institute of Technology and Science, Indore, 05.07.2021-09.07.2021 (01 week)
- AICTE-ATAL Scheme Faculty Development Programme on "Energy Engineering", School of Energy and Environment Management, RGPV Bhopal, 08.02.2021 -12.02.2021 (01 week)
- 8. AICTE-ATAL Scheme Faculty Development Programme on "Green energy and Sustainability Engineering", Department of Electrical Engineering, Gautam Buddha University (GBU), Greater Noida, 19.01.2021 23.01.2021 (01 week)
- AICTE recognized Faculty Development Programme on "Programming using MATLAB", Department of Electrical Engineering, NITTTR Chandigarh, 08.06.2020 - 12.06.2020 (01 week)
- AICTE recognized Faculty Development Programme on "Research Trends in VLSI Design", Department of Electronics and Communication Engineering, NITTTR Chandigarh, 25.05.2020 - 29.05.2020 (01 week)
- 11. AICTE recognized Faculty Development Programme on "Quantum and Energy Materials: Potential & Applications", Applied Science Department, NITTTR Chandigarh, 18.05.2020 22.05.2020 (01 week)
- 12. AICTE recognized Faculty Development Programme on ""Nanomaterials and Devices"", Applied Science Department, NITTTR Chandigarh, 11.05.2020 15.05.2020 (01 week)
- 13. AICTE sponsored short term training program (STTP) on "Role of Teacher in Creating Effective Learning Environment for Students", Department of Electronics and Communication Engineering, North Eastern Regional Institute of Science and Technology (NERIST), Nirjuli, Arunachal Pradesh, 25.10.2021-30.10.2021 (01 week)

- AICTE sponsored short term course on "Nanotechnology for Electronic and Photonic Devices" (NanoDev 2020), Department of Electronics and Communication Engineering, Punjab Engineering College, Chandigarh, 15.06.2020-19.06.2020 (01 week)
- MHRD sponsored short term course on "NANOTECHNOLOGY: OPPORTUNITY & CHALLENGES", Applied Science Department, NITTTR Chandigarh, 04.05.2009 -08.05.2009 (01 week)
- 16. Workshop on "Nano and Advanced Materials and their applications (WONAMA-2012)", Department of Physics, BHU Varanasi, 10.04.2012-16.04.2012 (01 week)
- 17. Workshop on **"Scientific/Research paper writing"** National Academy of Sciences, India at Allahabad., 08.11.2012-10.11.2012
- Workshop on "Chip Design Testing and Testability", School of Electronics Engineering & SCEIT, Shobhit University, Meerut, 23rd November 2010
- 19. Workshop on "**Recent Trends in Image Processing**", School of Electronics Engineering, Shobhit University, Meerut, 23rd October 2010
- 20. Workshop on "**Recent Trends in Biomedical Engineering**" Center for Biomedical Engineering, Shobhit University, Meerut, 11- 12th Feb. 2010
- 21. Workshop on "**Recent Trends in Nanoscience & Nanotechnology**" School of Basic & Applied Sciences, Shobhit University, Meerut, 3rd October 2009.
- 22. Participated in International webinar (e-conference) on "Recent Development in Material Science", Department of Physics, St. Andrew's College, Gorakhpur, UP n 02-03rd June 2020.
- Participated in National Conference on Nanoscience and Nanotechnology (Aligarh Nano-II), Department of Applied Physics, Z.H.College of Engineering and Technology, AMU, Aligarh, 10-12th March, 2012

Academic and Administrative Responsibilities at Jamia Hamdard:

- Admission Committee Member B.Tech ECE program (2024-25) Participated in student selection and counseling processes.
- Faculty Coordinator International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD 2025) Oversaw session planning, logistics coordination, and academic review facilitation.
- **Conference Reviewer/Repeater** *ICIDSSD* 2024 and 2025 Reviewed and evaluated research submissions for quality, originality, and relevance.
- Internal Examiner and Project Evaluator UG Programs Assessed student projects, lab work, and final evaluations.
- Question Paper Setter For university-level theory and lab examinations in ECE and BCA subjects.
- **Invigilation Duty** Regularly assigned examination supervision responsibilities to ensure academic integrity.

• **Result Tabulator** – Handled mark entry,

Professional Membership/ Activities:

- Senior Member "Universal Association of Computer and Electronics Engineers", 2012present
- Editorial Board Member-International Journal of Advancements in Electronics and Electrical Engineering Journal Code: IJAEEE *Electronic* ISSN: 2319-7498 (2012- present)
- Guest Editor for the Special Issue "Synthesis of Advanced Nanocomposites for Environmental Applications" in the journal "International Journal of Photochemistry and Photobiology (IJPP); ISSN: 2640-4281 (Print); ISSN: 2640-429X (Online) (2019)
- Editorial Board Member "Journal of Photonic Materials and Technology (JPMT); ISSN Print: 2469-8423 ISSN Online: 2469-8431 (2019)
- Editorial Board Member -"American Journal of Nano Research and Applications(NANO); ISSN Print: 2575-3754 ISSN Online: 2575-3738 (2020)
- Reviewer Material Science in Semiconductor Processing.
- Reviewer Journal of Material Science: Materials in Electronics
- Reviewer National Academy of Science Letters, India.

References:

Available upon request.

Declaration

I certify that above information is correct and complete to the best of my knowledge.

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(Dr. M. M. Hasan Farooqi)

30.04.2025