



**(Qazi Saeed Ahmad)**  
**Assistant Professor, Department of ECE, Faculty of Engineering,**  
**Integral University, Lucknow**  
**(8707674215, qsahmad@iul.ac.in)**  
**[Google Scholar Citation](#), [|Orcid Id](#) [|Scopus](#) [|Research gate](#) [|linked in](#)**

## PROFILE

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- Currently Working as Assistant Professor in the Department of Electronics and Communication Engineering.
- his research area includes Communication, VLSI Design and Electronics circuit and system.
- He is pursuing Ph.D.in communication from Integral University Lucknow
- He holds MBA with specialization in IT and Marketing from SRMCEM college Lucknow affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU) and M. Tech. with specialization in Electronics circuits & system from Integral University Lucknow
- He has teaching experience of AIET Lucknow, Moti Lal Rastogi School of Management (MLRSM) Lucknow and ACADEMICS a UPDESCO Franchise
- Having objective to achieve a challenging and co-operative work environment in a reputed organization, believing in mutual co-operation and co-existence, to seek further growth.
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- He has presented papers in many National and International conferences and published articles in Journals.

### **.RESEARCH INTEREST:**

- Cooperative Network Using NOMA
- PAPR Reduction for MIMO OFDM
- WCDMA
- Use of Quantum Technology for Optical Fiber
- LiFi Technology In Wireless
- Wireless Power Transmission

### **SUMMARY OF RESEARCH ACCOMPLISHMENT:**

- Number of publications in journals:06
- Number of publications in International Conferences: 03
- Number of publications in national Conferences: 04
- Number of Patents:02
- Book Chapters:01

### PROFESSIONAL MEMBERSHIP:

- IEEE Membership; Member Id.94419793
- International Association of Computer Science and Information Technology (IACSIT); Membership No. 80345077
- International Association of Engineers (IAENG); Membership No. 141004

### COURSE TAUGHT:

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- Digital Electronics
- Antenna & Wave Propagation
- Microwave Engineering
- Measurements & Instrumentation
- Computer Organization
- Microprocessor & Computer Architecture
- Information System Analysis and Design (SAD)
- Multimedia system and Data compression
- Information to IT Industry
- System Analysis and Design
- MIS
- E-Commerce
- Computer Organization & Architecture
- Multimedia system

### ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

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- DQAC Member of criteria VII from 2024 till date
- Accreditation & Ranking Committee (ARC) member from 2023 till date
- Disciplinary/ Anti Ragging Committee member from 2023 till date
- DQAC member of criteria Curriculum Delivery in 2022
- Student Welfare Committee member in the session 2020-21
- DQAC Member of NAAC criteria I from the session 2018-19
- DQAC Member of NAAC criteria II from the session 2017-18
- Faculty Coordinator of National Workshop Arm Controlled Robotics organized by dept of ECE, Integral University Lucknow conducted by Microbotric Technoligies Pvt. Ltd. From 11 to 13 February,2015
- Faculty Coordinator of National Workshop on Communication Engineering & Image Processing of IEEE Student Chapter UP section in association with Dept of ECE, Integral University Lucknow held on 2015

### STUDENTS SUPERVISION

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- B.Tech. 06 Groups
- M.Tech. 01 Group

## PUBLISHED/GRANT PATENTS

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- Wifi-based Smart Shopping Cart, Certificate of Registration for a UK Design, Design number: 6291024, Grant date: 27 June 2023
- SMART DENTAL MIRROR WITH CAMERA SENSOR AND WIPER, The Patent Office Government of India, Design No.: 389636-001, Date: 05/07/2023

## PAPER PUBLISHED IN NATIONAL/INTERNATIONAL CONFERENCES

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- 2022, IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22), IEEE Conference Record No.#56670 ISBN:978-1-6654-7436-8, AN OPTIMIZED WAVEFORM SYNTHESIS SCHEME TO RESOLVE HIGH PAPR IN MIMO OFDM SYSTEMS (A Review)
- " Future and Scope of Terahertz Waveguides "National Conference on Emerging Trends in Electrical & Electronics Engineering Lucknow, August 19-20, 2016
- 2015, 14-February, NATIONAL CONFERENCE ON "CHALLENGES OPPORTUNITIES FOR TECHNOLOGICAL INNOVATION IN INDIA" (COTII -2015), AMBALIKA INSTITUTE OF MANAGEMENT TECHNOLOGY, LUCKNOW, "Wireless Power Transmission to Charge Pacemaker Battery",
- 2012, International Conference ICCE-on 19th-20th October "KIET, Krishna Institute of Technology, Ghaziabad."LiFi THE LATESTTECHNOLOGY IN WIRELESS",
- 2012, National Conference NCRAE on 22th-23th June, SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA" A Salt AND PAPER BATTERY"
- 2012, National Conference ETEIC- Anand Engineering College, Agra on April 6th -7th, 2012,"An Overview of Cloud Computing"

## PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

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- Ahmad, Q. S., & Khan, D. I. U. (2024). Algorithms And Mathematical Modelling For PAPR In OFDM Systems. Migration Letters, 21(S5), 81–95. Retrieved from <https://migrationletters.com/index.php/ml/article/view/7676>
- Qazi Saeed Ahmad and Dr.Imran Ullah Khan,Eur. Chem. Bull. 2023,12(10), 3127-3134"Improved pre coding scheme for PAPR minimization in MIMO OFDM communication system"
- Performance Analysis of Dual Hop Amplify and Forward Relaying Over Time Varying Fading Channel, IJSART - Volume 7 Issue 5 – MAY 2021 ISSN [ONLINE]: 2395-1052
- Qazi Saeed Ahmad, Saif Ahmad, Mohd Javed Khan, Analysis of Simulation Parameter of WCDMA for Root Raised Cosine Filter, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 8, August 2015, ISSN (Online) 2278-1021, ISSN (Print) 2319 5940
- Qazi Saeed Ahmad,2015, A Comparative Study for Future Generation Control Technology, Journal of Control and Instrumentation Engineering, e-ISSN:2582-3000
- Qazi Saeed Ahmad et al. Review Paper on Quantum Technology for Use with Optical Fiber,2015, Journal of Optical Communication Electronics, Volume 1 Issue 3
- An Overview of Stimulators, International Journal of Engineering Science and Technology, September 2012, Vol. 4 No.10 October 2012(ISSN: 0975-5462):4, License: CC BY 4.0

## SHORT TERM COURSE/WORKSHOP/SEMINAR/FDP ATTENDED

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- Attended refresher course/FDP cum workshop on advancements and challenges in Emerging trends in Electrical & Electronics Engineering from 2 September to 21 October 2023 organized by dept of ECE under aegis of HRDC, Integral University Lucknow
- Attended in 8-week online FDP on Courseware creation using Moodle for Outcome based education in the duration 8 July to 5 September 2019 conducted by dept of ECE under aegis of HRDC, Integral University Lucknow
- Attended GE Healthcare Workshop organized by Department of Bioengineering Integral University Lucknow on 27 April 2018
- Attended one day Seminar on Following the Research workflow using Elsevier's Tools organized by HRDC, Integral University Lucknow in collaboration with Elsevier India on 6 March 2018
- Participated in TED seminar held at **IIM Lucknow** on 18 February 2018
- Participated in lecture demonstrated workshop on "LibreOffice Suite Writer" organized by spoken tutorial project, IIT Bombay on 23-09-2017
- Attended International Symposium on Computational and Characterization Techniques in Engineering and Sciences held on 20 March 2017 at Integral University Lucknow
- a short-term course on "Remote Sensing and GIS Application in carbon Forestry" organized by ISRO held on Integral university during February 16 to 10 March 2017.
- short term course on "Modelling and simulation of nano Transistors" conducted by IIT Kanpur during 13 to 17 February 2017
- Attended a short-term course on Remote sensing and GIS Applications in Carbon Forestry conducted by ISRO at Integral University Lucknow from 16 February to 10 March 2017
- Attended International Seminar on Modern Trends in Engineering and sciences conducted by dept of ECE, Physics and Electrical Engineering under aegis of HRDC, Integral University Lucknow on 3 August 2017
- Attended a AICTE recognized short term course on Tools for Engineering Research through ICT conducted by Electrical Engineering Department from 30 January to 3 February 2017
- Attended International Seminar on Present Scenario & Future Prospectives of Research in Engineering & Sciences (ISPSFPRES-17) held on 21 January 2017 at Integral University Lucknow
- Attended National Conference on Emerging Trends in Non-Conventional Energy Resources (ETNCER-16) held on 22 October 2016 at Integral University Lucknow
- Attended National Seminar on Energy Saving Schemes For Life Enhancement in Wireless Sensor Networks (WSN) conducted by dept of ECE, Integral University Lucknow on 22 July 2016.
- Attended a short-term course on "How To teach effectively" under scheme of MHRD Govt. of India, AMU Aligarh organized by integral university Lucknow during 2 to 8 August 2016.
- Attended a one-week FDP on MATLAB held from 1 to 7 February 2016 organized by dept of ECE under aegis of Academic Staff College, Integral University Lucknow
- Attended National Workshop on Energy Conservation and Energy Audit (ECEA-2016) from 26 to 27 February 2016 at Integral University Lucknow

- Attended national Seminar on Power of Setting Goals (PSG 16) organized by dept of ECE, Integral University Lucknow on 27 August 2016
- Attended a Seminar on MATLAB organized by dept of ECE, Integral University Lucknow in collaboration with e-Brain Tech. on 16 September,2015
- Attended National Workshop on Embedded System & Robotics organized by dept of ECE, Integral University Lucknow in collaboration with i3indya Technologies on 22 September 2015
- Attended a Workshop on Advances in Electrical Engineering-2015 organized by dept of Electrical Engineering, IET Lucknow on 25 April 2015
- Attended National Seminar on Role of Libraries to Educate Down Trodden Society in the Present-Day Scenario (NSRLEDTS-2015) on 9 August 2015 Organized by BBAU (A central University) Lucknow.
- Attended a FDP on Perspective of Modern Teaching techniques & Uses of Case Studies through experiential learning organized by dept of Business Management, Integral University Lucknow dated 22 August 2015
- Attended National Workshop on Arm Controlled Robotics organized by dept of ECE, Integral University Lucknow conducted by Microbotric Technoligies Pvt. Ltd. From 11 to 13 February,2015
- Attended al Workshop on MATLAB & Embedded Systems organized by dept of ECE, Integral University Lucknow on 31 March,2015
- Attended one day Seminar on ARM (Advanced Rise Machine) organized by dept of ECE, Integral University Lucknow conducted by Techformers Technologies Pvt. Ltd. on 12 March 2015
- Attended one day Seminar on MATLAB organized by dept of ECE, Integral University Lucknow on 1 April 2014 conducted by CETPA Infotech Pvt. Ltd.
- Attended third National Workshop on Industrial Automation organized by dept of ECE, Integral University Lucknow in collaboration with Unicon PLC Automation on 26 March 2014
- Attended a training in MATLAB organized by dept of ECE, Integral University Lucknow in collaboration with e-Brain Tech. from 1 August to 30 August ,2013
- Attended two-day National Workshop on Industrial Automation organized by dept of ECE, Integral University Lucknow conducted by Logocon Automation from 22 to 23 February 2013

#### BOOK CHAPTERS

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- CONSUMER PROTECTION IN THE ELECTRICITY SECTOR, Editor. Pradipkumar Tambe ISBN: 978-93-6013-113-5

#### BOOK CHAPTER EDITED

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- Optimization of Intelligent Spectrum Sensing Techniques for Cognitive Radio Networks *Rizwan Ahmad and Qazi Saeed Ahmad*
  - Performance Analysis of Dual Hop Amplify and Forward Relaying over Time Varying Fading Channel Dharmendra and Qazi Saeed Ahmad
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