

Er. Muzaffar Ahmad
Address: # 222, Sector B, Gulbahar Colony, Hyderpora

Academic Qualification:

10 th (1999), New Convent	71.6%
Higher Secondary Part-II (2001), S.P Higher Secondary	80%.
B.E, Electronics & Communication (2006), Jammu University	73.6%.
M.A, Public Administration (2014), IGNOU	70%
M.Tech, Electrical Power & Energy Systems (2017), NIT Sgr	7.414 CGPA

Professional Experience:

1. Working as **Assistant Engineer, Educational Multimedia Research Centre, University of Kashmir**, looking after technical & broadcasting operations of UGC-CEC SWAYAM Prabha DTH Higher Education Channel on Life Science and on MOOCs Courses run by Ministry of Human Resource Development (MHRD), Government of India w.e.f 19-11-2012. As Studio Incharge looking after all the DTH/MOOC's/Documentaries/Consultancy Projects/NAAC/Convocation/Y-20/Alumni Meet etc. produced/coordinated by the Centre.
2. Worked as **JE-Electrical from Oct'2009 to Nov'2012 with Power Development Department, Government of Jammu & Kashmir**, in charge of 40 K.M 132 KV Transmission Line from Lower Jehlum Power House, Gantmulla upto Amargarh, Sopore posted at 132KV/33KV Power grid, Amargarh which supplies electricity to north Kashmir.
3. Worked as **Sr. Executive- Broadcast Engineering** for Times Global Broadcast Company Ltd, New Delhi from July 2008 to Aug 2009. (**TGBCL is a Times Group Enterprise- A Bennett Coleman & Company Ltd**). I joined TGBCL in the pre launch phase of Economic Times National Business News Channel-ET NOW. I have done the complete Noida Set up of the channel.
4. Worked as **Assistant Manager-Broadcast for B.A.G Films and Media Limited), Film city, Noida from August 2007 to June 2008**. I contributed in the Launching of four national channels- **NEWS-24, E-24, Sports-24, Biz-24** etc. I was the member of the core technical team, my role was technical analysis of the broadcasting requirements, determining technical specifications, evaluation of the technical proposals, system design, coordination with vendors, installation, commissioning, imparting Training for operation, maintenance & monitoring of the project.
5. Worked as a **Project Engineer for Broadcast Engineering Consultant India Ltd. (A Mini-Ratna Enterprise of the Govt. Of India), New Delhi from July 2006 to July 2007**. I was on an assignment to work on **India's first Multimedia High Definition TV** set-up at Rashtrapati Bhawan, New Delhi, which was the part of **Pan-Africa e-network project** by Govt. of India. The facility consists of a HD multimedia studio used by **His Excellency President of India** for addressing the nation and for video conferencing, tele-education & tele-medicine purposes. I have also been responsible for making technical arrangements to **His Excellency the President of India** for his multimedia tele-conferences to overseas and far off places.

Projects Undertaken at EMMRC, University of Kashmir

1. Upgraded the Centre from Standard to High Definition (HD) in 2018 and from High Definition (HD) to 4K in 2026 by establishing state of the art **Central Apparatus Room (CAR)** under TAC Grants of UGC CEC, which was inaugurated on 13.2.2018.
2. Automation of the Media Tape Library with Empress Media Asset Management (eMAM) Software having Sony Optical Disc Archive (ODA) system for deep archiving.
3. Automation of the production workflow with installation of Ingest Server for recording and layout.
4. Purchase of HD/4K Studio Cameras & High Editing Systems and HD/OLED/4k Monitors.
5. Facelifting of Editing Suites/Multimedia Lab & creation of one more high end Editing Suite.
6. Upgradation of existing Editing systems with SSD and RAM.
7. Set up 32TB Network Attached Storage (NAS) & Set up 96TB Storage Area Network (SAN).
8. Regulation of power supply, commissioning of Electrical Panel with Bus Bar & changeovers for Generator, UPS, Isolation Transformer as well as chemical earthing for high end equipment.
9. Laying of 24 pair OFC from Allama Iqbal Library to EMMRC through HDD Technology for extending NKN high speed Internet Facility to the Centre.
10. Setup of **digital classroom recording facility** in the Media House Auditorium with installation of 3 robotic PTZ Sony cameras, digital podium and setup of control room for the purpose.
11. Up gradation of Studio, replacement of Chroma, replacement of halogen lights with LED lighting, Acoustics & Facelifting on its walls.
12. Upgradation of Production Control Room (PCR), New Teleprompter, Talkback & Lighting Console.
13. Purchase of 40KVA & 10KVA UPS with battery bank for uninterrupted power supply to the Centre.
14. Structured Network Cabling done for 24x7 Internet facility at the Centre.
15. Replacement of EPBX System with Digital Matrix 64 port intercom system.
16. Established **Media Technology Museam** in the year 2023.
17. Established Swayam Prabha DTH Lab.

Deputations:

1. Deputation to **Consulate General of India (CJI), Jeddah, Saudi Arabia** as as *Assistant Haj Officer* for Haj 2019 from 23-06-2019 to 14-09-2019.
2. Hajj Trainer, J&K State Hajj Committee, from 2020 to 2025 and attended trainers for Training Programme at Hajj House, Mumbai.
3. Presiding Officer, By polls for Srinagar Lok Sabha Constituency (2017)
4. Deputed as **Audio Visual expert** for 6th World Congress on Nano Medical Science between 7-9 January' 2019, New Delhi.
5. Presiding Officer for Srinagar **Lok Sabha Constituency (2024)**, Posted at Polling Station No. 70, Lal Chowk Assembly Constituency dated 13.5.2024.

Research Experience:

Worked on the research project "**Simulation & Implementation of IEEE-802.11b WLAN**" using Optimized Network Engineering Tool (OPNET 10.5) in the ECE Department, **Indian Institute of Sciences, Bangalore** from Jun 2004 to Aug 2004.

Publications:

1. ***"Information Security Challenges in Smart Grid Based Advanced Power Systems"***, Muzaffar Ahmad Dar, Dr. Zakir Hussain Rather, National Seminar on Electronic Devices, Systems & Information Security, Conducted by Department of Electronics and Information technology, University of Kashmir 18-19 March ISBN: 978-93-82288-59-6 (Printed) and ISBN: 978-93-82288-64-0(Online).

Professional Achievement:

1. Research Fellow, **Jawaharlal Lal Nehru Centre for Advanced Scientific Research**, Jakkur Campus, Bangalore in the year 2004
2. First Position in Paper Presentation at the 8th National Convention (2005) of Indian Society for Technical Education (ISTE) on **"WLAN - An Ushering of New Era and its impact on societal living"**.
3. Qualified **"Science Technology Promotion Test"** Conducted by Government of J & K, Department of Science & Technology in the year 2003.
4. First Position in Paper Presentation **"Humanoid Intelligence"** at a National Level Tech fest **"SAMMILAN"** in the year 2006.
5. Participated in the **"National Nature Study cum Trekking Program"** conducted by youth hostels association of India (YHAI) Kullu, Manali (H.P)
6. Qualified **NEESF**-an NGO based state level talent test.
7. **Best in studies award 1999**

Trainings & Certification:

1. Attending two months advanced course from **03th February 2014 –29th March 2014** on **"Microwave(SAR) Remote Sensing for Natural Resources"** conducted by Indian Institute of Remote Sensing , Dehradun in collaboration with Bhuvan Services of Indian Space Research Organization, Bangalore
2. Paper presentation on **"News Gathering over IP"** in 8th JK Science Congress 2013, University of Kashmir
3. Attended 1 month advanced course from **11th February 2013 –15th March 2013** on **"Geo web Services – Technology & Applications"** conducted by Indian Institute of Remote Sensing, Dehradun in collaboration with Bhuvan Services of Indian Space Research Organization, Bangalore
4. **1 month** Industrial training at **Prasar Bharti Broadcasting Corporation of India, Doordarshan Kendra**, Srinagar. The training includes studio overview, divisions of the studio, operation of studio equipment, Microwave OB Links, DSNG, Digital Video Compression Systems, and Satellite Up link / down link Earth Station etc.
5. Attended training from 19-2-2007 to 24-2-2007 on **"Irdeto Pisys Conditional Access System"** from

“Irdeto Access BV” Netherland. The main emphasis was on DVB techniques & Standards, MPEG-2 TS, PSI/SI tables, Psys bandwidth & business models & security of the encrypted services.

6. Attended training from 14-4-2007 to 18-4-2007 on **“Layer-3 Switching & Routing”** from Cisco, New Delhi. The topics covered include access, distribution & core switches, spanning tree protocol, VLAN & inter VLAN routing, HSRP, ether channel etc.
7. Attended training at **J & K Entrepreneurship Development Institute** from 23-3-2009 to 28-3-2009 on **“Capacity Building of Entrepreneurship Development by Consultants in J & K”** sponsored by Consultancy Development Centre, Dep’t. Of Scientific & Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India.
8. Attended Training on **PFMS & its Implementation**, Gandhi Bhawan, University of Kashmir, Oct 2021
9. Attended training on **e-tendering process** conducted by Directorate of IT&SS, University of Kashmir.

M.Tech Projects:

1. Seminar **“ Integration of STATCOM with BESS for Power System Stability”**
2. Dissertation **“Application of STATCOM with BESS for Voltage Control and Damping of Power System Oscillation**

B.E Projects:

1. A seminar on **“Digital Video broadcasting”** with power point presentation.
2. Minor project on **“Parallel telephone with auto secrecy & line vigilance”**
3. Major Project on **“ Optimization of conditions in green house using micro controller 89S51”**

Role in Corporate Life:

1. Member, Departmental Committee, EMMRC
2. Member, Technical Purchase Committee (TPC), EMMRC
3. Technical Member, DDU KAUSHAL Kendra, University of Kashmir, B.Voc Course in Electronic Media
4. Technical Expert, Department of Economics, University of Kashmir
5. Technical Consultant for MCMP UG Courses, Govt. Degree College for Boys, Anantnag
6. Consultant for Cancer Society of Kashmir for Hospital Management System
7. Technical Consultant for Deptt. of Mass Communication & Journalism, Islamic University of Science & Technology, Awantipora
8. Technical Cum Purchase Committee Member, Directorate of Convocation Complex, University of Kashmir as Audio & stage Lighting expert for uplifting the Convocation complex.
9. Co-opted Member for procurement of Machinery, Tools and Equipment’s for B.Voc degree course in Electronic Media by DDU Kaushal Kendra, University of Kashmir.
10. Consultant for Framing of detailed curriculum for 1st Year B.Voc degree course in Electronic Media under DDU Kaushal Kendra, University of Kashmir.
11. Technical Consultant for establishment of Video Studio, Deptt. of Mass Communication & Journalism, Central University of Kashmir.
12. Technical Consultant for purchase of Broadcast Equipment, Deptt. of Mass Communication & Journalism, Central University of Kashmir.
13. Technical Consultant for establishment of Studio at Institute of Advanced Studies in Education, Srinagar

14. Technical Consultant for Cloud Based Smart Notice Board for Public Relations Centre, University of Kashmir.
15. Technical Member, 19th Mini-Convocation 2021, Convocation Complex, University of Kashmir.
16. Technical Member, 20th Convocation 2023, Convocation Complex, University of Kashmir.
17. Inspection for SITC Sound system & Allied works for Auditorium, North Campus, University of Kashmir
18. In charge EMMRC Webpage.

Workshops Attended

- Attended 3 Day National Workshop for Capacity Building of Digital Content Producers on New Media Technologies from 5-7 March at EMMRC, University of Kashmir

Lectures Delivered:

1. Media Storage Technologies at 2 Day orientation programme on the development of MOOCs/Digital Content to the faculty of Central University of Kashmir from 15-17 July, 2024 at EMMRC, University of Kashmir

Conferences Attended:

1. Attended **Broadcast Engineering Society (BES) Expo 2007**, Pragati Maidan, New Delhi.
2. Attended Broadcast India Show (BIS), 20-22 Oct, 2016 NSE Goregoan Mumbai
3. Attended Broadcast India Show (BIS), 13-15 Oct, 2022, Jio Convention Centre, Mumbai

No. of Awards Achieved

1. Nominated for **Eminent Engineer's Award**, 2020 to Engineering Council of India, by University of Kashmir.
2. Nominated for INAE Young Engineer's Award -2018
3. Nominated for IEI Young Engineer's Award-2018

Er. Muzaffar Ahmad
Dated 10.8.2026