

# CURRICULAM VITAE



**Name** : **Dr. Mohammad Saleem**  
**Present Position** : **Associate Professor**  
Civil Engineering Section, University  
Polytechnic, F/O Engineering & Technology,  
Jamia Millia Islamia, New Delhi-110025  
**Pay Scale** : **7<sup>th</sup> CPC, Academic Level-13A, Teaching**  
**Date of Birth** : Feb 05, 1969  
**Nationality** : Indian  
**Mailing Address** : R-255/B, Gali No-3, Jogabai Extention, Jamia Nagar, New  
Delhi-110025, India  
**E-mail** : msaleem@jmi.ac.in, md.saleem0502@gmail.com  
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## Educational Qualifications:

2021 : **Ph.D**, Department of Civil Engineering, Gautam Buddha  
University, Greater Noida, (U.P), India  
2021 : **Certificate in Water Harvesting & Management**  
**First Div. with Distinction/ 79**  
IGNOU, New Delhi  
2012 : **M.Tech (Environmental Science & Technology)**  
**First Div. with Distinction/ 79**  
Department of Civil Engineering, JMI, New Delhi, India  
1996 : **B.E (Civil)**  
**First Div. with Distinction/ 78**  
Department of Civil Engineering, JMI, New Delhi, India  
1988 : **Diploma Engg (Civil)** **First Div./ 72**  
University Polytechnic, Faculty of Engg. & Technology,  
JMI, New Delhi, India  
1985 : **Intermediate from U.P board Allahabad** **First Div./ 66**

1983 : High School from U.P board Allahabad First Div./ 74.8

Title of Research : “Aquifer Modelling for Rain Water Harvesting in Greater Noida Region U.P. (India)”

Dissertation Title : “Analysis of groundwater quality and quantity Improvement using rain water harvesting: A case study of Jamia Millia Islamia, New Delhi-110025

**Work Experience** : Total more than 34 Years

Industrial : Around 13 Years

Administration/Teaching/Research : Mar’ 2002 to till date, 21 Years

Present pay scale : Level-13A(T), as per 7<sup>th</sup> CPC

S. No.	Particulars of the Post	Period of Service			Particulars of main duties	Name and Address of the Employer
		From	To	Total Period		
1.	Site In charge	1-08-1988	30-07-1992	4Y0M0D	Supervision of the site	National Consultant & Civil Engineers (N.C.C.E)
2.	Work In charge	1-08-1992	1-08-1998	6Y0M0D	Supervision of the site	Khatri Construction Company (K.C.C)
3.	Site Engineer	15-08-1998	20-03-2002	3Y7M5D	Supervision of the site	Caytribe Construction (C.C)
4.	Lecturer	21-03-2002	20-02-2003	0Y11M0D	Academic Teaching	School of Engg. & Technology (S.E.T)
5.	Lecturer (Civil Engg.)	27-10-2005	31-12-2005	0Y2M4D	Academic Teaching	Civil Engineering Section, University Polytechnic, JMI
6.	Asstt. Professor (Stage-1)	1-01-2006	30-10-2012	6Y10M0D	Academic Teaching	Civil Engineering Section, University Polytechnic, JMI

7.	Asstt. Professor (Stage-2)/Senior Lecturer	31-10-2012	30-10-2017	5Y0M0D	Academic Teaching	Civil Engineering Section, University Polytechnic, JMI
8.	Asstt. Professor (Stage-3)/Selection Grade	31-10-2017	30-10-2020	2Y11M30D	Academic Teaching	Civil Engineering Section, University Polytechnic, JMI
9.	Associate Professor (AL-13A)	31-10-2020	Till Date	3Y4M25D	Academic Teaching	Civil Engineering Section, University Polytechnic, JMI

### **Academic/ Administrative Assignments in JMI:**

- Served as a Coordinator, Diploma in Civil Engg. (Evening/ Self-Finance), University Polytechnic, Jamia Millia Islamia, New Delhi-25
- Manager of inter departmental sports activity, University Polytechnic, JMI, New Delhi-25
- Project Coordinator of final year students, Diploma Engg., (Day and Evening), University Polytechnic, JMI, New Delhi-25
- Appointed as a Laboratory In charge of Environmental Engg. Lab, Civil Engineering Section, University Polytechnic, JMI, New Delhi-25
- Appointed as a Laboratory In charge of Building Construction Engg. Lab, Civil Engineering Section, University Polytechnic, JMI, New Delhi-25
- Member of BOS, University Polytechnic, JMI, New Delhi-25
- Executive member of JTA, JMI

### **Subjects Taught:**

#### **At Diploma Level:**

- Irrigation Engineering
- Construction Management & Accounts
- Construction Materials
- Environmental Engineering

#### **Project Guided at Diploma Level:**

JMI : 228 (Regular) & 247 (Self-Finance)

#### **Area of Interest:**

- Environmental Engineering
- Irrigation Engineering
- Construction Management & Accounts
- Construction Materials

#### **Membership of Professional Bodies:**

- Member of Indian Society for Technical Education (ISTE), India. (LM-52065)

## **AICTE/UGC/DST Courses Attended:**

1. Attended **AICTE-ISTE** sponsored course on “**Hazardous Waste Management**” at University Polytechnic, JMI, during 19-23, March’2007. (One week)
2. Attended **AICTE-ISTE** sponsored course on “**Environmental Management**”, conducted by University Polytechnic, JMI, New Delhi during 2-6, June’2008. (One week)
3. Attended **UGC** Sponsored 85<sup>th</sup> four weeks orientation programme organized by UGC-ASC, Jamia Millia Islamia, New Delhi during (Aug 05, 2008 - Sep 02, 2008). (Four weeks)
4. Attended “**Training Programme on E-Content Management Training Programme**” organized by FTK-CIT, Jamia Millia Islamia during (Oct 12, 2009 to Oct 21, 2009).
5. Attended **UGC** sponsored DRS-I course on “**Research Methodology**” Organized by Department of Economics, Jamia Millia Islamia, New Delhi-25 (March 09, 2012 to March 30, 2012) (Three weeks)
6. Attended **UGC** sponsored “**Summer Special Programme**” Organized by Academic Staff College. Jamia Millia Islamia, New Delhi-25 during (May 16, 2013 to June 06, 2013) (Three weeks)
7. Attended **DST** funded training Programme on “**Geospatial Technologies**” Organized by Department of Geography, JMI, New Delhi during (June 02, 2014 to June 23, 2014).
8. Attended **UGC** sponsored course in “**Contemporary Studies (Interdisciplinary)**” organised by UGC-HRDC, Jamia Millia Islamia, New Delhi during Nov 15,2017 to Dec 06, 2017. (Three week)
9. Attended **GIAN-MHRD** sponsored course on “**Nutrient Removal in Wastewater: Recovery & Reuse**” organised by Department of Civil Engg, Jamia Millia Islamia, New Delhi during 2-6, June’2018.
10. Attended **UGC** sponsored course on “**Online Professional Development Programme on E-Content Development for MOOC’s and Online Teaching**” organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi during May 27, 2020 to May 28, 2020.
11. Attended **AICTE** sponsored course on “**Role of Energy Management Systems in Smart Grid**” organized by Department of Electrical Engineering, Faculty of Engineering & Technology, JMI during June 7, 2021 to June 12, 2021.

12. Attended **AICTE** sponsored course on “**Robotics & Automation**” organized by Jamia Millia Islamia, New Delhi during June 16, 2021 to June 30, 2021. (Two week)
13. Participated and completed successfully “**NEP 2020 Orientation & Sensitization Programme**” under Malaviya Mission Teacher Training Programme (MMTTP) of **UGC** organized by MMTTC, Jamia Millia Islamia, New Delhi from February 5, 2024 to February 14, 2024.

### **List of Patents:**

1. Published “**System of COVID-19 Smart Security Band with Artificial Intelligence and Internet of Things**” on June 18, 2021 in Intellectual Property India (National) with Patent number 202141022174.
2. Published “**An Ion Exchange Process for Industrial Waste Water Treatment**” on June 19, 2021 in International (IP Australian) with Patent number 2021102691.
3. Published “**A Vendor Management Inventory System and Its Method There Of**” on May 11, 2021 in International (IP Australian) with Patent number 2021103825.

### **List of Publications:**

#### **International/National Journals:**

1. M. Saleem, Muqem Ahmad, G. Mahmood, S.A.M. Rizvi, “**Analysis of Groundwater quality improvement using Rainwater harvesting: A case study of Jamia Millia Islamia,**” International Journal of Modern Engineering Research (IJMER), Vol 2, Issue 5, pp. 3912-3916, Sep-Oct, 2012.
2. M. Saleem, Muqem Ahmad, G. Mahmood, S.A.M. Rizvi, “**Analysis of Groundwater quantity improvement using Rainwater harvesting: A case study of Jamia Millia Islamia, south Delhi, India,**” International Journal of Modern Engineering Research (IJMER), Vol 2, Issue 4, pp. 45-52, April, 2013.
3. M. Saleem, Sajid Ali, “**Aquifer Modelling for feasibility and design of rainwater harvesting- A review**”, International journal of science and Research (IJSR), Vol 4, Issue 4, pp. 504-508, April, 2015.
4. M. Saleem, A. Hussain, G. Mahmood, “**Analysis of groundwater quality using water quality index: A case study of Greater Noida (Region), Uttar Pradesh (U.P), India,**” Cogent Engineering, **Taylor & Francis**, vol.3, pp.1-11, 2016. (ESCI, Scopus, Web of Science)
5. M. Saleem, S. Ram, G. Mahmood, “**Aquifer Modeling and Rain Water Harvesting:**

- A Review**”, International Journal of Engineering Technology Science and Research (IJETSR), Vol4, Issue 9, pp. 1265-1273, September, 2017. (UGC Listed, ICI Indexed)
6. M. Saleem, “**Analysis of groundwater quality of Greater Noida region along Yamuna River using water quality index**”, International Journal of Engineering Technology Science and Research (IJETSR), Vol4, Issue 10, pp. 404-408, Oct, 2017.
  7. M. Saleem, S. Ram, G. Mahmood, “**Analysis of Groundwater Quantity Improvement in Greater Noida Region using Rain water Harvesting System: A Research Article,**” International Journal of Engineering Technology Science and Research (IJETSR), Vol4, Issue 10, pp. 409-414, October, 2017. (UGC Listed, DPLB, ICI Indexed)
  8. M. Saleem, “**Statistical Analysis of the Groundwater samples of Greater Noida region (U.P), India**”, International Journal of Computer & Mathematical Sciences (IJCMS), Vol 6, Issue 10, pp. 161-164, ISSN: 2347-8527, October, 2017.
  9. M. Saleem, S. Ram, G. Mahmood, “**Aquifer modeling for identifying the dry cells in Greater Noida region for rain water harvesting**”, International Journal of Latest Trend in Engg. and Technology (IJLTET), Vol4, Issue 12, pp. 67-71, December, 2017.
  10. M. Saleem, A. Hussain, G. Mahmood, “**A systematic approach for design of rainwater harvesting system and groundwater aquifer modeling**”, Applied Water Science (2018), 8:137, 9 August 2018, Springer. (ESCI, Scopus, Web of Science)
  11. M. Saleem, A. Hussain, G. Mahmood, M. Waseem, “**Hydrogeochemical Assessment of Groundwater in Shallow Aquifer of Greater Noida Region**”, Uttar Pradesh (U.P), India, Applied Water Science, Springer, 2018 8:186, (ESCI, Scopus, Web of Science)
  12. M. Saleem, S. Ram, G. Mahmood, “**Dynamics of the aquifer system in parts of Greater Noida using aquifer modeling for different land use pattern**”, Engineering Journal, Elsevier 2018. (SCIE, Scopus, Web of Science)
  13. M. Saleem, S. Ram, G. Mahmood, “**Aquifer Modelling for Predicting the effect of ground-water exploration**”, Vol9, Issue 2, pp. 116-119, October, 2018.
  14. Mohammad Saleem, Mohd Waseem, “**Rainwater Harvesting Potential of NIIT region of Greater Noida using GIS**”, International Journal of Engineering, Science and Mathematics, 7(11), 2018. (UGC listed)
  15. Mohammad Saleem, Mohd Waseem, “**Seismic Assessment of Bridges**”, International Journal of Management, IT & Engineering, 9(3), 2019. (UGC listed)

16. Mohammad Saleem, Mohd Waseem, “**Seismic Response of Box Girder Bridge**”, International Journal of Management, IT & Engineering, 9(4), 2019. (UGC listed)
17. Mohammad Saleem, Mohd Waseem, “**Seismic Analysis of Box Girder Bridge using CSiBridge Software**”, International Journal of Management, IT & Engineering, 9(5), 2019. (UGC listed)

### **International/National Conferences:**

1. M. Saleem, S. Ram, G. Mahmood, “**Aquifer Modelling in Greater Noida region (U.P) using MODFLOW**”, Springer, March, 2019.
2. M Saleem, MA Hasan, J Mallick, M Ahmed, “**Impact of Hazardous Wastes on Human Health & Preventive Measures for a Sustainable Environment**”, full paper in Conference Proceedings, King Khalid University, Abha, KSA, April 2, 2018.

### **International/National-Conferences/Workshops/Seminars/ Webinars Participated:**

1. Mohd Saleem has participated in one day national seminar on “**Seismic Assessment and Safety of Structures (SASS’11)**” held on 13<sup>th</sup> March, 2011 organised by Department of Civil Engineering, JMI, New Delhi-110025, funded by SAP-UGC.
2. Mohd Saleem has participated in the national seminar on “**Environment-Health Linkages: Emerging Issues and Policy Response**” organised by the Department of Economics under UGC-(DRS-1) from 16-17<sup>th</sup> March, 2012.
3. Mohd Saleem has participated in National Workshop on “**Green Buildings in India: Present practices and future prospects**” jointly organised by Department of Civil Engineering, Jamia Millia Islamia, New Delhi-110025 & Green Institute of Research and Development (GIRD), New Delhi-110049 on 27<sup>th</sup> August, 2015.
4. Mohd Saleem has presented technical paper on “**Aquifer Modelling & Design of Rainwater Harvesting**” in the national seminar held at Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi during Oct, 9-10, 2015.
5. Mohd Saleem has participated in Workshop on “**AutoCAD-2D, 3D**” at Design Master, New Delhi, New Friends Colony during 25 Oct, 2015.

6. Mohd Saleem has participated in national Conference on **“Choice based credit system- A widow to reforms in Higher Education”**, organised by Jamia Teachers Association (JTA), JMI, New Delhi on 18 Nov, 2015.
7. Mohd Saleem has participated in a national seminar on **“Recent Trends in Computer Science”** organised by Department of Computer Science, Jamia Millia Islamia, New Delhi on 30<sup>th</sup> March, 2016.
8. Mohd Saleem has attended the **“International Workshop on Inclusive Cities”** during Dec 19-20, 2016, Jamia Millia Islamia, New Delhi-110025, India
9. Mohd Saleem has participated in the International Workshop on **“Yamuna water Quality and Impact on Human health”** held on 6<sup>th</sup> April, 2017 organised by Department of Civil Engineering, Jamia Millia Islamia, New Delhi, India.
10. Mohd Saleem has participated in the International Seminar on **“Water Pollution & Health”** held on 27-28 July, 2017 organised by Department of Civil Engineering, Jamia Millia Islamia, New Delhi, India.
11. Mohd Saleem has participated in Author Workshop on **“How to Write and Publish Scholarly Articles”** jointly organised by Dr. Zakir Husain Library, JMI & Springer Nature at Jamia Millia Islamia, New Delhi on 24<sup>th</sup> August, 2017.
12. Mohd Saleem has participated in one day workshop on **“Seismic Vulnerability of Structures”** organised by Department of Civil Engineering, JMI, held on 10<sup>th</sup> March, 2018.
13. Mohd Saleem has participated in **“International workshop on Landslides risk management and mitigation”** organised by Department of Civil Engineering, JMI in collaboration with National Institute of Disaster Management, GOI, New Delhi on 26<sup>th</sup> Oct, 2018.
14. Mohd Saleem has participated in International Seminar on **“Application of Reliability and Risk analysis to Civil Engineering and beyond”** organised by Department of Civil Engineering, JMI, held on 23<sup>rd</sup> Jan, 2019.
15. Mohd Saleem has participated in the workshop on **“National Information system for climate and Environment Studies (NICES) and its Activities”** jointly organised by ISRO & Department of Geography, JMI, New Delhi on 29<sup>th</sup> Jan, 2019.
16. Mohd Saleem has successfully completed training of the **“IEEE Xplore Digital Library”** conducted at Faculty of Engineering Library, Jamia Millia Islamia, New Delhi-110025 held on 5<sup>th</sup> September, 2019.



17. Mohd Saleem has participated in the Seminar on **“Entrepreneurship Opportunities”** organized by Mechanical Engineering Department, Faculty of Engg. & Technology, Jamia Millia Islamia in collaboration with Ministry of MSME (Govt. of India) on 27<sup>th</sup> Feb, 2020.
18. Mohd Saleem has participated in the National Conference on **“Robotics and Mechatronics (NCORM-2020)”** organized by Department of Mechanical Engineering, Faculty of Engg. & Technology, JMI from 3<sup>rd</sup>-4<sup>th</sup> March, 2020.
19. Mohammad Saleem has participated the Indraprastha Webinar Series on **“Role of Science, Technology and Innovation in the Current Scenario”** organized by University School of Basic & Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi, India from 26<sup>th</sup>-29<sup>th</sup> May, 2020.
20. Mohammad Saleem has participated in one day national webinar on **“Safety Against Earthquake”** organized by School of Engineering and Technology (SOET), Indira Gandhi National Open University held on 31<sup>st</sup> May, 2020.
21. Mohammad Saleem has participated in one day webinar on **“Academic Publishing & Enhancing Research Effectiveness”** organized by Dr. Zakir Husain Library, Jamia Millia Islamia, New Delhi, India on 9<sup>th</sup> June, 2020.
22. Mohammad Saleem has participated in the Online Three-day national level training programme on **“Coastal disaster risk reduction & resilience from 17 to 19 June 2020”** conducted by National Institute of Disaster Management (NIDM) in collaboration with Andhra Pradesh Human Resource Development Institute (APHRDI) Guntur.
23. Mohammad Saleem has participated in the Online training programme on **“Environment and Disaster: Integrated Risk, Resilience and Sustainable Development”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India on 22-24 June, 2020.
24. Mohammad Saleem has participated in the **“FDP Cum training workshop on basic disaster management”**, jointly by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and Department of Civil Engineering, Invertis University, Bareilly on June 24-26, 2020.
25. Mohammad Saleem has participated in webinar on **“Green building: Concept, Case study and Certification”** organized by Department of Civil Engineering, Shri Shankaracharya Institute of Professional Management and Technology, Raipur on 27<sup>th</sup> June, 2020.

26. Mohammad Saleem has participated in the one week online National training program on **“Disaster Risk, Vulnerability Assessment and Management”** jointly organized by National Institute of Disaster Management (NIDM), Delhi and Department of Civil Engineering, Delhi Technical University, Delhi during June 29<sup>th</sup> – July 3<sup>rd</sup>, 2020.
27. Mohammad Saleem has participated in National Education Leadership Summit **“E-Wistalk-Evolution in Teaching and Learning Post Covid-19”** organized by LCIT Group of Institutions held on July 2, 2020.
28. Mohammad Saleem has participated in the live webinar on **“Combating with the Millennium Pandemic COVID-19”** organised by American Society for Microbiology (ASM) webinar held on 2<sup>nd</sup> -4<sup>th</sup> July, 2020.
29. Mohammad Saleem has participated in the webinar on **“Road Safety and Pedestrian Safety Awareness”** by Mr. Amit Bhatt (Executive Director, Integraed Transport, WRI India) organized by NSS IIT Roorkee under iSAFE championship-2020 (An initiative of Indian Road Safety Campaign and Ministry of Road Transport and Highways) held on 6<sup>th</sup> July, 2020.
30. Mohammad Saleem has participated in two weeks online International workshop on **“Effective Research Paper Writing & Publishing Aspects”** organized by Department of Civil Engineering, FET, MRIIRS from July 6-17, 2020.
31. Mohammad Saleem has participated in the National training programme on **“Earthquake Risk Mitigation”** jointly organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and North-Eastern Hill University, Shillong from 8-10 July, 2020.
32. Mohammad Saleem has participated in the International training programme on **“Crisis and Management”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Department of Social Work, Madras Christian College, Chennai, Tamil Nadu from 9-11 July, 2020.
33. Mohammad Saleem has participated in the e-Faculty development program cum training workshop on **“Environment, Water and Disaster Risk Reduction”** jointly by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and Sharda University, NCR, India held from 13<sup>th</sup> to 17<sup>th</sup> July, 2020.
34. Mohammad Saleem has participated in the basic orientation programme on **“Gerontological Social Work”** organized by BDU-Heritage Centre for Gerontology, Bharathidasan University, Tamil Nadu, Heritage Foundation, Hyderabad and TransCat People Solutions Pvt. Ltd., Bengaluru from 13-18 July, 2020.

35. Mohammad Saleem has participated in the National Webinar on **“Stress Management during Lockdown”** organized by Post Graduate Department of Social Work, Sree Sabareesa College, Kerala, India on 17<sup>th</sup> July, 2020.
36. Mohammad Saleem has participated in the National webinar on **“Highway Infrastructure: Planning and Constrcution”** organized by Jaypee University of Engineering and Technology, Guna in collaboration with Indian Institute of Technology, Jammu on 19<sup>th</sup> July, 2020.
37. Mohammad Saleem has participated in the National webinar on **“Survival from Socio-Economic Impact of COVID-19 on Families and Communities”** organized by Post Graduate Department of Social Work, Sree Sabareesa College, Kerala, India on 20<sup>th</sup> July, 2020.
38. Mohammad Saleem has participated in three days online national webinar series on **“Introduction to palliative care”** organized by Indian Society of Professional Social Work and Institute of Palliative Medicine from 20<sup>th</sup> to 22<sup>nd</sup> of July, 2020.
39. Mohammad Saleem has participated in the online webinar programme on **“Cloudburst and Flood”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with India Meteorological Department, Ministry of Earth Sciences, Govt. of India held on 21<sup>st</sup> July, 2020.
40. Mohammad Saleem has participated in the National Webinar on **“Role of National Service Scheme in COVID 19”** organized by the Internal Quality Assurance Cell (IQAC) National Service Scheme, MES College Erumely on 21 July, 2020.
41. Mohammad Saleem has participated in the webinar on **“Community Engagement, Institutional Social Responsibility and Social Work Profession in Higher Education: Emerging Opportunities and Prospects”** organized by IQAC, Vivek College of Education, Bijnor on 22<sup>nd</sup> July, 2020.
42. Mohammad Saleem has participated in the National Webinar on **“Scopes, Challenges and Effectiveness of Online Counselling during COVID 19”** organized by Post Graduate Department of Social Work, Sree Sabareesa College, Kerala, India on 23<sup>rd</sup> July, 2020.
43. Mohammad Saleem has participated in the National Webinar on **“Post COVID 19: Sustainable Environmental Management”** organized by Eco Club Govt. City College (A), Hyderabad on 24<sup>th</sup> July, 2020.
44. Mohammad Saleem has participated in the National Virtual Conference on **“Co-Creating a positive & sustainable urban environment”** organized by Department of

Social Work, A Christian Minority Institution in association with World Vision India on 24-25<sup>th</sup> July, 2020.

45. Mohammad Saleem has participated in the national webinar and quiz on **“Chaos, Curiosity & COVID-19: A Biotechnologist’s Perspective”**, organized by department of Biotechnology and Medical Engineering (BM), NIT Rourkela in association with Unnat Bharat Abhiyan, RCI Odisha and Genesys, an official Bioengineering club under student activity centre (SAC), NIT Rourkela held on 25<sup>th</sup> July, 2020.
46. Mohammad Saleem has participated in the International Virtual Workshop on **“Modern Trends in Transportation System (MTTS-2020)”** organized by Department of Civil Engineering, NIT Silchar, India during 25-29 July, 2020.
47. Mohammad Saleem has participated in the International Webinar on **“Global trends in Mental Health”** organized by Department of Social Work, Madras Christian College, India in collaboration with the Commonwealth Organization for Social Work, Geneva from 27<sup>th</sup> to 29<sup>th</sup> July, 2020.
48. Mohammad Saleem has actively participated in the webinar series on **“Newness in Environmental Engineering”** organised by Department of Civil Engineering, Kumaraguru College of Technology, Coimbatore conducted from 27 to 31 July, 2020.
49. Mohammad Saleem has actively participated in the one week Short Term Training Programme (STTP) on **“Intellectual Property Rights and Effective Patent Drafting”** organised by Department of Civil Engineering, Kumaraguru College of Technology, Coimbatore conducted from 27 to 31 July, 2020.
50. Mohammad Saleem has participated in the online webinar programme on **“Cyclones and Storm Surges”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with India Meteorological Department, Ministry of Earth Sciences, Govt. of India held on 28<sup>th</sup> July, 2020.
51. Mohammad Saleem has participated in the webinar on **“Role of Geospatial Mapping in managing Pandemic: Applications and Interventions for Resilience”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India on 28<sup>th</sup> July, 2020.
52. Mohammad Saleem has completed **“Making Labs Effective with Remote Learning”** 0.1 Continuing Education Unit; 1 Professional Development Hour, organized by IEEE Continuing Education on 28<sup>th</sup> July, 2020.
53. Mohammad Saleem has participated in the webinar on **“Covid-19, Stress Management & Mental Wellbeing”** jointly by National Institute of Disaster

Management (NIDM), Ministry of Home Affairs, Govt. of India and Department of Civil Engineering, Invertis University, Bareilly on 30<sup>th</sup> July, 2020.

54. Mohammad Saleem has actively participated in the webinar on **“Leadership in Construction Part-2”**, organized by Department of Civil Engineering, Kumaraguru College of Technology, Coimbatore conducted on 1st August, 2020.
55. Mohammad Saleem has participated in the TEQIP-III Sponsored three days National webinar/video workshop on **“Transforming Pedagogy in India”** held during 1st-3rd August, 2020 organised by NIT Jamshedpur.
56. Mohammad Saleem has participated in the webinar on **“Scope and Opportunities in Civil Engineering”** organized by Jaypee University of Engineering and Technology, Guna in association with Vaave held on 2<sup>nd</sup> Aug, 2020.
57. Mohammad Saleem has participated in the webinar on **“Consultation on Environmental Impact Assessment (EIA) Draft 2020”** organized by Madras Christian College (Autonomous), Department of Social Work (Aided), CYAN Campaign-MCC held on 3<sup>rd</sup> Aug, 2020.
58. Mohammad Saleem has participated in one week workshop (3<sup>rd</sup> – 8<sup>th</sup> August, 2020) on **“Sustainable construction practice for civil engineers”** organised by department of civil engineering, Jaypee university of Information Technology, Himachal Pradesh.
59. Mohammad Saleem has participated in the 3 days online training programme on **“Climate Change, Landslides and Safe Hill Area Development”** organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dr. Raghunandan Singh Tolia Uttarakhand Academy of Administration, Nainital, Uttarakhand during 5-7<sup>th</sup> Aug, 2020.
60. Mohammad Saleem has participated in the International Webinar on **“Emphasis on E-Commerce: Pre And Post Covid -19”** held on 7<sup>th</sup> Aug, 2020.
61. Mohammad Saleem has participated in the online webinar programme on **“Earthquake Monitoring and Management”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with National Center for Seismology, Ministry of Earth Sciences, Govt. of India held on 11<sup>th</sup> Aug, 2020.
62. Mohammad Saleem has participated in the online training programme on **“Media and Disaster Management”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with National

Academy of Broadcasting and Multimedia, Prasar Bharati, Govt. of India from 19<sup>th</sup>-21<sup>st</sup> Aug, 2020.

63. Mohammad Saleem has participated in webinar on “**Machine Intelligence in Biomedical and Health Informatics-2020**” organized by Department of Electronics and Communication Engineering, NIT Silchar, India in collaboration with Department of Electronics and Communication Engineering, GUIST, Guwahati, India during 20-24<sup>th</sup> Aug, 2020.
64. Mohammad Saleem has participated in one week online International faculty development programme on “**Machine Learning and Computer Vision: Applications, Research Challenges (MLCV 2020)**” jointly organized as twinning programme by National Institute of Technology Silchar, Assam and Gauhati University Institute of Science & Technology, Guwahati, Assam held during August 24-28, 2020.
65. Mohammad Saleem has participated in the webinar on “**National Education Policy 2020: Emerging Bharat**”, organized by North-Eastern Hill University, Shillong; Shillong Chapter, Indian Science Congress Association; Students for Holistic Development of Humanity and Centre for Education and Social Studies, Bengaluru on 25<sup>th</sup> August, 2020.
66. Mohammad Saleem has participated in webinar on “**Current COVID-19 Situation in Delhi: Management and Challenges**” organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Delhi Disaster Management Authority (DDMA), New Delhi on 27<sup>th</sup> Aug, 2020.
67. Mohammad Saleem has participated in International webinar on “**Scope of Civil Engineering Abroad and Women in Construction**” organized by Jaypee University of Engineering and Technology, Guna on 4<sup>th</sup> Sept, 2020.
68. Mohammad Saleem has participated in the International Workshop on “**Developments in Structural Dynamics & Soil-Structure Interaction (DSD & SSI-2020)**” under TEQIP-III and in association with IIC, NIT Silchar, organized by department of Civil Engineering of NIT Silchar during September 11-15, 2020.
69. Mohammad Saleem has participated in one week webinar on “**Electronic Systems for Mechanical Automation & Robotics Technology (Esmart-2020)**” organized by Department of Mechanical Engineering in association with Institute Innovation Cell (IIC), NIT Silchar from September 12-16, 2020.
70. Mohammad Saleem has participated in National webinar on “**National Education Policy: Features and Prospects in Higher Education**” organized by Department of

Chemistry, Dr. Harisingh Gour University in collaboration with Bharatiya Shikshan Mandal, Mahakoshal Praant on 14 Sept, 2020.

71. Mohammad Saleem has participated in the **webinar “Publishing Ethics in Biomedicine & Life Sciences Research of a webinar series on All about Scientific Publishing-Trends, Nuances, Tools, Ethics etc.”** organized by Springer Nature in collaboration with DeLCON on September 16, 2020.
72. Mohammad Saleem has participated in the online workshop on **“NEMS Technologies: Modern Interdisciplinary Approach in Engineering (NEMS Tech 2020)”** organized by Department of Mechanical Engineering and Department of Electronics & Instrumentation Engineering, NIT Silchar from 17<sup>th</sup>- 21<sup>st</sup> Aug, 2020.
73. Mohammad Saleem has participated in the **“Virtual National Seminar on Sedimentation, Tectonics and Metallogeny of North-East India”** jointly organized by North-Eastern Hill University, Shillong and Geological Society of India, Bengaluru during 21<sup>st</sup> to 23<sup>rd</sup> September, 2020.
74. Mohammad Saleem has participated in the **“Faculty Development Programme: Teachers’ Training on Disaster Management”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Pondicherry University from 21<sup>st</sup> – 25<sup>th</sup> Sept, 2020.
75. Mohammad Saleem has participated in the online webinar programme on **“Prime Minister Agenda Point No. 10: Bring about Greater Cohesion in International Response to Disasters”** jointly organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and National Disaster Management Authority, Ministry of Home Affairs, Govt. of India held on 29<sup>th</sup> September, 2020.
76. Mohammad Saleem has participated in the online national training programme on **“Disaster Risk Reduction in Resilient Infrastructure”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Department of Civil Engineering, Andhra University College of Engineering, Andhra University, Visakhapatnam during 30<sup>th</sup> September to 2<sup>nd</sup> October, 2020.
77. Mohammad Saleem has participated in a webinar series on **“Human Resource Practices”** organized by Department of Studies in Social Work, University of Mysore, Mysuru, Karnataka, India on 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> Oct, 2020.

78. Mohammad Saleem has participated in the eConclave on **“Fostering Earthquake Resilience in Industries and Developments”** organized by NIDM, NDMA, FICCI sponsored by Swiss Re and RMSI held on October 8-9, 2020.
79. Mohammad Saleem has participated in Online training programme on **“Industrial-Chemical Safety: Law, Policy and Planning Framework”**, organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with FICCI CIDM on October 12-14, 2020.
80. Mohammad Saleem has participated in the webinar on **“Pandemics, Climate Change Adaptation and DRR in Coastal Zones”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Institute of Petroleum Safety, Health and Environment Management (IPSHEM), ONGC, GOA on 13<sup>th</sup> Oct, 2020.
81. Mohammad Saleem has participated in the webinar on **“Building the Resilience of Communities for Multi Hazard during COVID-19 Pandemic with the special Emphasis on Family Emergency Management Plan”** jointly organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and Aga Khan Agency for Habitat India held on 14<sup>th</sup> Oct, 2020.
82. Mohammad Saleem has participated in the webinar on **“Hill Area Environment, Climate Change, Sustainable Development and Landslide Risk Reduction & Resilience”** organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India in collaboration with Indian Institute of Technology Guwahati on 20<sup>th</sup> Oct, 2020.
83. Mohammad Saleem has participated in the online short term training programme on **“Structural Audit for Earthquake Safety”** jointly organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India, Delhi and Department of Civil Engineering, Delhi Technological University, Delhi during 24<sup>th</sup> – 28<sup>th</sup> Nov, 2020.
84. Mohammad Saleem has participated in the webinar on **“Challenges and Opportunities in Polar Research”** organized by Department of Environmental Science, Jamia Millia Islamia, New Delhi, India held on 10<sup>th</sup> Dec, 2020.
85. Mohammad Saleem has participated in the International Workshop of Technical Committee 213 on **“Scour and Erosion”** organized by International Society for Soil Mechanics and Geotechnical Engineering in association with Indian Geotechnical



Society and Department of Civil Engineering, Andhra University College of Engineering, Visakhapatnam, India on 16<sup>th</sup> Dec, 2020.

86. Mohammad Saleem has participated in the International webinar on “**Application of 3D Printing Technology in Civil Engineering**” organized by Jaypee University of Engineering and Technology, Guna on 6<sup>th</sup> March, 2021.
87. Mohammad Saleem has participated in “**INDO-US Webinar & Lecture Series**” organized by Department of Chemistry, Jamia Millia Islamia, New Delhi under the aegis of Ministry of Education, Govt. of India in collaboration with Texas A&M University, USA from June 1-9, 2021.
88. Mohammad Saleem has participated in Faculty Development Program on “**Optimization Techniques in Machine Learning and its Applications**” conducted by Department of Computer Science & Engineering, Chandigarh University, Mohali, Punjab, India from July 18-22, 2022.

**(Dr. Mohammad Saleem)**