Dr. MANSAF ALAM
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Department of Computer Science
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PROFESSIONAL QUALIFICATIONS:

- Ph.D in Computer Science from J.M.I, 2009

- MCA (Master in Computer Science and Application) in 2002 from Aligarh Muslim University, Aligarh (U.P, INDIA) with 77% marks.

- B.Sc.(H)(Bachelor in Computer Science and Application) in 1998 from Aligarh Muslim University, Aligarh (U.P, INDIA) with 71% marks.

- PDCA (Post B.Sc. Diploma in Computer Science And Application) in 1999 from Aligarh Muslim University (U.P, INDIA) with 74% marks.

- MCP (Microsoft Certified Professional), USA

TEACHING EXPERIENCE:

- Professor from October 2020 to till date in the Department of Computer Science.

- Associate Professor from October 2017 to October 2020 in the Department of Computer Science.

- Asstt. Professor from January 1, 2006 to October 2017 in the Department of Computer Science, Jamia Millia Islamia, New Delhi-25.

- Worked as Lecturer from September 13, 2004 to December 30, 2005 in the Department of Computer Science, Jamia Millia Islamia, New Delhi

- Worked as a Guest Faculty from Aug. 2002 to September 2004 in the Department of Mathematics, Jamia Millia Islamia, New Delhi-25.

TECHNICAL SKILLS:

Languages	C, C++, JAVA 2.0 (Swing), SQL, Python, R.
GUI	VB6
Database	Hadoop, Pig Hive, HBase, MS-Access, SQL Server, Oracle9i with Developer2000
Web Tools	ASP, JavaScript, HTML, Dreamweaver
Platforms	Windows 2000/ME, Unix, DOS.
Web Servers	PWS

PROFESSIONAL EXPERIENCE:

Research Project

Project title	Agency	Grant/Amount Mobilized)(Rs Lakhs)	Period	Role
An Effective framework for managing university data in a cloud based environment	JMI, under the Innovative Research Activities	100000	August 31, 2014 to March 2, 2015	PI
Planning Atlas for Class II Towns of Uttar Pradesh	NRDMS, DST	17.58 Lakh	August,2 014-16	Co-PI

Fellowships / Awards

Title of the Fellowships/Awards with date	Period	Awarding Agency	Whether Fellowships/ Awards is International/Nation al/State (from academic bodies/ associations)	Grant
Visvesvaraya Young Faculty Research Fellows	May 1, 2016 to May 1, 2021	DIETY, Govt of India	National	Contingency: Rs. 5 lacks/year Fellowship: Rs 20000/month

Industrial Projects:

Name	Payroll Processing System
Team Size	2
Language Used	VB6.0 with SQL Server.
Platform	Windows 98
Abstract	Payroll Processing system for Infotec network system New Delhi. Which Manage and maintain the salary and employee information of infotec.
Project Supervisor :	Mr. Saurabh Tyagi
Agency	Infotec Network System New Delhi.

Name	Department Control system
Team Size	2
Language Used	Oracle 8i with D2k.
Platform	Windows 98
Abstract	Department Control Manage the Department. Maintain The Student as Well as teachers record and time table of department.
Project Supervisor :	Mr. M. K Ilyas
Agency	Aligarh College of Engg. & Management Aligarh.

Name	Bus Ticketing System for Aitiana Bus Servises Pvt. Ltd.
Team Size	4 persons
FrontEnd	VB
BackEnd	SQL Server
Platform	Windows Me
Abstract	Ticketing agent will issue the tickets for passengers. after entering the passenger information .All the entries should be validated against the existing data base i.e. all the information on the screen should be cross checked with the code table files such as route code, schedules, amount etc. All the passenger information such as name, passport info. etc. will be entered. Each ticket number will be made up of two fields. The first three digit will be the location from where the ticket originates and the last five digits will be the sequence number from that location. Each location will have its own sequence number. After printing a ticket or making a reservation, one record should be written on the transaction file with a code 'P' for printed or 'R' for reserved.
Name	E-Shopping.
Team Size	3 persons

Web Tools Used	JAVA SCRIPT, HTML , ASP
Platform	WINDOWS – 98
Abstract	Its web based shopping , where you can buy Video Cassettes after watching some shortcut and listening music. Apart From this there is Garment Collections also. You can place the order for particular Item after watching it.
Name	Web Page Design of AMU Admission Guide.
Team Size	2 persons
Web Tools Used	Java Script, HTML
Platform	WINDOWS – 98
Abstract	This web page is for the information of Admission in AMU Aligarh. All the informations regarding Admissions, Faculties, Departments and others can be achieved on a single click.

NAAC Peer Team

[1] Chairman, NAAC Peer Team, Manjeri , Kerala

[2] Member Coordinator, NAAC Peer Team, Pune, Maharashtra

[3] Member Coordinator, NAAC Peer Team, Andhra Pradesh

[4] Member Coordinator, NAAC Peer Team, UP

[5] Member Coordinator, NAAC Peer Team, Gujarat

[6] Member Coordinator, NAAC Peer Team, Assam

[7] Member Coordinator, NAAC Peer Team, Goa

[8] Member Coordinator, NAAC Peer Team, Rajakumar, Kerala

RESEARCH PUBLICATIONS:

Journal Papers

1. Aashita Chhabra & Mansaf Alam, (2025). RegGRU-Opt: A Robust GRU-Based RNN Model for High-Performance Sentiment Analysis and Binary Classification. **Arabian Journal for Science and Engineering**, **Springer**, **Impact Factor: 2.9, (Scopus and WoS Indexed, SCIE), CiteScore: 4.4, 2025,** 1-40.,

2. Kiran Chaudhary, Mohammad Naquibur Rahman, Nabeela Hasan, Mansaf Alam and Aakash Punit, Artificial Intelligence and Mathematical Modelling-Based Techniques to Improve Social Media Marketing, Journal of Computer Science, Science Publications, Volume 21 No. 1, 2025, 78-87, DOI: https://doi.org/10.3844/jcssp.2025.78.87, ISSN: 1549-3636 (Print), ISSN: 1552-6607 (Online), **2025, Scopus Indexed.**

3. Kiran Chaudhary, Mohammad Naquibur Rahman , Manzoor Ansari,Aashita Chhabra and Mansaf Alam, AI-based Data Analytics for Assessing the Impact of COVID-19 on the Global Education System,

4

Library Progress International, Vol. 44 No. 3 (2024): LIB PRO. 44(3), JUL-DEC 2024 (Published: 31-07-2024), SSN 0970 1052 Online version ISSN 2320 317X, **Scopus Indexed.**

4. Shrivastava, P., Alam, B., & Alam, M. (2024). An anonymous authentication with blockchain assisted ring-based homomorphic encryption for enhancing security in cloud computing, **Cluster Computing**(The Journal of Networks, Software Tools and Applications)**, Springer, Impact Factor:3.6, (Scopus & WoS, SCIE), CiteScore:9.7,** https://doi.org/10.1007/s10586-024-04617-x, ISSN: 1386-7857

5. Shrivastava, P., Alam, B., & Alam, M. (2024). Blockchain based Quantum Resistant Signature Algorithm for Data Integrity Verification in Cloud and Internet of Everything. **EAI Endorsed Transactions on Scalable Information Systems**, **Impact Factor: 3.6, (Scopus & WoS, ESCI), CiteScore:2.6 https://doi.org/10.4108/eetsis.5488**

6. Shrivastava, P., Alam, B., & Alam, M. Blockchain assisted blind signature algorithm with data integrity verification scheme. **Concurrency and Computation: Practice and Experience**, **Wiley, Impact Factor: 2, (Scopus and WoS Indexed, SCIE), CiteScore:4.2**, 2024, Online ISSN:1532-0634Print ISSN:1532-0626, https://doi.org/10.1002/cpe.8071

7. Preeti Agarwal, Mansaf Alam**, A novel hybrid time-series approach for IoT-cloud-enabled environment monitoring** Knowledge Mapping of Human Activity Recognition Techniques for Assistive Living, **International Journal of Sensors, Wireless Communications and Control,** Springer, Volume 13, Issue 4, Pages 203 - 225**, (Scopus Indexed), CiteScore:2.1, 2023**, **ISSN:** 22103279, **DOI:** 10.2174/2210327913666230911113149

8. *Hasan, Nabeela, Alam, Mansaf, Role of machine learning approach for industrial internet of things (IIoT) in cloud environment-a systematic review, International Journal of Advanced Technology and Engineering Exploration, Volume 10, Issue 108, Pages 1391 – 1416, November 2023, (Scopus Indexed), CiteScore:1.1, ISSN: 23945443, DOI: 10.19101/IJATEE.2023.10101133*

9. Ansari, M., & Alam, M. (2023). A novel hybrid time-series approach for IoT-cloud-enabled environment monitoring. *The Journal of Supercomputing*, Springer, Page 1-35, **Impact Factor: 3.3, (Scopus and WoS Indexed, SCIE), CiteScore:5.7, 2023**, *ISSN:0920-8542, E-ISSN:1573-0484,* **DOI:**10.1007/s11227-023-05782-3

10. **Shrivastava, P., Alam, B. & Alam, M, A hybrid lightweight blockchain based encryption scheme for security enhancement in cloud computing,** Multimedia Tools and Applications, **Springer**, 83(1), pp. 2683–2702, **Impact Facotor: 3.6, (Scopus and WoS Indexed, SCIE), CiteScore:6.1, 2024**, **ISSN:**13807501**, DOI:**10.1007/s11042-023-17040-y,

11. Manzoor Ansari and Mansaf Alam**,** An Intelligent IoT-Cloud-Based Air Pollution Forecasting Model Using Univariate Time-Series Analysis, **Arabian Journal for Science and Engineering, Springer, Impact Facotor: 2.9, (Scopus and WoS Indexed, SCIE), CiteScore: 4.4, 2023, DOI:10.1007/s13369-023-07876-9**

12. Disha Garg and Mansaf Alam, Smart Agriculture: A Literature Review,
Journal of Management Analytics, Taylor and Francis, Print ISSN: 2327-0012 Online ISSN: 2327-0039, (Scopus and WoS Indexed, SCIE), CiteScore: 8.4, Impact Factor: 6.554, 2023

13. Kiran Chaudhary , Aashita Chhabra , Manzoor Ansari , Mansaf Alam, Impact of COVID-19 on Employment Rate in different sectors of the economy using Mathematical Modelling and Data Analytics Techniques**,** Samdarshi Journal**, ISSN:** 2581-3986, Vol 16 Issue 4 (September 2023), UGC Listed Journal.

14. **Ansari M., Ali S.A., Alam M**., Internet of things (IoT) fusion with cloud computing: current research and future direction,(2022), **International Journal of Advanced Technology and Engineering Exploration**, 9 (97), pp. 1812 - 1845, ISSN: 23945443, DOI: 10.19101/IJATEE.2021.876002 **(Scopus Indexed)**

15. **Leena Khanna, Shailendra Narayan Singh, Rita Kumar and Mansaf Alam,** Analysis of dependence of grade point average over psychological factors incorporating advanced data mining**, International Journal of Intelligent Enterprise, ISSN (print): 1745-3232•ISSN (online): 1745-3240, pp 31-47, Vol. 10 , No. 1, October 27, 2022, InderScience.(Scopus Indexed)**

16. Shrivastava, P., Alam, B. & Alam, M. Security enhancement using blockchain based modified infinite chaotic elliptic cryptography in cloud. *Cluster Computing***, Springer,** ISSN: 13867857, **(Scopus and WoS Indexed, SCIE), CiteScore:6.2, Impact Factor: 2.303, 2022** https://doi.org/10.1007/s10586-022-03777-y

17. Khan, S., Alam, M. Preprocessing framework for scholarly big data management. **Multimed Tools Applications**, **Springer,** Volume 81. Issue 20, **(Scopus and WoS indexed, SCIE), Impact Factor:2.757**, pp:1-30, 2022 https://doi.org/10.1007/s11042-022-13513-8

18. Hasan, N., Chaudhary, K. & Alam, M. A novel blockchain federated safety-as-a-service scheme for industrial IoT using machine learning. Multimed Tools Appl (2022), **Springer,** Volume 81. Issue 20, **(Scopus and WoS indexed, SCIE), Impact Factor:3.6**, pp:1-30, 2022, https://doi.org/10.1007/s11042-022-13503-w

19. Shakil, K.A., Zareen, F.J., Alam, M. et al. BAMCloud: a cloud based Mobile biometric authentication framework. Multimedia Tools Appl (2022), Springer, Volume 81,Issue 20, August 2022**, (WoS and Scopus Indexed, SCIE), Impact Factor 2.757. 2022,** https://doi.org/10.1007/s11042-022-13514-7

20. Disha Garg and Mansaf Alam, Integration of Convolutional Neural Networks and Recurrent Neural Networks for Foliar Disease Classification in Apple Trees**, International Journal of Advanced Computer Science and Applications(IJACSA), Volume 13 Issue 4, 2022. (DOI) : 10.14569/IJACSA.2022.0130442,** Scopus Indexed

21. Malhotra, Suzanee, Kiran Chaudhary, and Mansaf Alam. "Modeling the use of voice based assistant devices (VBADs): A machine learning base an exploratory study using cluster analysis and correspondence analysis." International Journal of Information Management Data Insights 2.1 (2022), **Elsevier**, **ISSN:** 26670968, DOI:10.1016/j.jjimei.2022.100069, **Scopus indexed.**

22. *Preeti Agarwal, Mansaf Alam,Edge optimized and personalized lifelogging framework using ensembled metaheuristic algorithms, Computers and Electrical Engineering, Elsevier,Volume 100, 107884, ISSN 0045-7906, Impact factor: 3.818(Scopus, WoS Indexed SCIE), 2022*

23. *Samiya Khan, Xiufeng Liu, Syed Arshad Ali, Mansaf Alam, Bivariate, cluster, and suitability analysis of NoSQL solutions for big graph applications, Advances in Computers, Elsevier,UK, 2022, ISSN 0065-2458, CiteScore: 4.4, (Indexed Scopus ,SCIE), Impact Factor:1.833* https://doi.org/10.1016/bs.adcom.2021.09.006

24. Khan, S., Banday, S. A., & Alam, M. (2021). Big Data for Treatment Planning: Pathways and Possibilities for Smart Healthcare Systems. Current Medical Imaging, ISSN (Print): 1573-4056 ISSN (Online):1875-6603,Bentham Science, vol 17(12)**, (Indexed Scopus, SCIE), Impact Factor: .858, 2021**, DOI : 10.2174/1573405617666210917125

25. Nabeela Hasan, Kiran Chaudhary and Mansaf Alam(2021) Unsupervised machine learning framework for early machine failure detection in an industry, Journal of Discrete Mathematical Sciences and Cryptography, 24:5, 1497-1508,**Taylor & Francis**, DOI: 10.1080/09720529.2021.1951434

26. Kiran Chaudhary, Mansaf Alam et al. "Machine learning-based mathematical modeling for prediction of social media consumer behavior using big data analytics." *Journal of Big Data, Springer (Indexed: Web of Science and Scopus), CiteScore 8.0, Impact Factor: **10.835,*** volume 8(1), (2021), PP: 1-20.

27. A Kumari, S Jangirala, MY Abbasi, V Kumar, M Alam ,ESEAP: ECC based secure and efficient mutual authentication protocol using smart card**, Journal of Information Security and Applications**, volume 51, 102-443 **Elsevier, CiteScore:7.2, Impact Factor:4.9, SCIE**, **Scopus and WoS indexed**, **2020.**

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29. Shakil, K.A., Zareen, F.J., Alam, M., Jabin, S., BAMHealthCloud: A biometric authentication and data management system for healthcare data in cloud, Journal of King Saud University - Computer and Information Sciences, 2017(Article in Press) **(Scopus indexed), Elsevier.**

30. Samiya Khan , Xiufeng Liub , Kashish A. Shakil , Mansaf Alam, A survey on scholarly data: From big data perspective, Information Processing & Management 53 (4), 923–944, 2017, ISSN: 0306-4573, **Impact Factor: 3.397, (SNIP): 2.391, Elsevier.**

31. Mohammad Wahab Khan, Mansaf Alam, A survey of application: Genomics and genetic programming, a new frontier, Genomics Journal, ISSN: 0888-7543 Volume 100(2), pp.65-71, August 2012. **Impact Factor: 3.327, , Elsevier.**

32. Mansaf Alam and Siri Krishan Wasan, Migration from RDBMS into ODBMS, Journal of Computer Science, Volume 2(10): 781-784, 2006, USA, ISSN: 1549-3636 **SNIP(2011):1.286, SJR(2011):0.518**, DOI: 10.3844/jcssp.2006.781.784, Indexing: SCOPUS, Thomson Gale, ProQuest, IET- ISI Thomson Scientific, EBSCO,etc. **Impact factor: 1.35**

33. Mansaf Alam and Siri Krishan Wasan, A Review of Relational Database and Object Oriented Database, IJCSE, Volume 1(1) Page No.11-16, New Delhi, 2008, ISSN: 0974-5807

34. Mansaf Alam, Six Layers Architecture Model for Object Oriented Database, International Journal of Computer Science Issues(IJCSI), indexed by google scholar, DBLP, CiteSeer, DOAJ etc. Republic of Mauritius, 2011, **Impact Factor: 0.242**, **ISSN (online version): 1694-0814.**

35. Bashir Alam, M.N. Doza, R. Biswas and Mansaf Alam, Fuzzy HRRN CPU Scheduling Algorithm, International Journal of Computer Science and Information Security, Indexed Journal, Vol.9, no.3, 2011, ISSN: 1947-5500, USA.

36. Bashir Alam, M.N. Doja, R. Biswas and Mansaf Alam, Fuzzy Priority CPU Scheduling Algorithm, International Journal of Computer Science Issues, Vol. 8, Issue 6, No 1, Pg:386-390, November 2011, **Impact Factor: 0.242**, ISSN (Online): 1694-0814, indexed by Google scholar, DBLP, CiteSeer, DOAJ etc. Republic of Mauritius.

37. Mansaf Alam and Kishwar Sadaf, Web Search Result Clustering using Heuristic Search and Latent Semantic Indexing, International Journal of Computer Application, 44(15):28-33, April 2012. Published by Foundation of Computer Science, New York, **Impact factor: .835**, indexing with Google Scholar, CiteSeer, UlrichsWeb, DOAJ and Scientific Commons Index etc.

38. Kishwar Sadaf and Mansaf Alam, Web Search Result Clustering- A Review, International Journal of Computer Science & Engineering Survey (IJCSES), ISSN :0976-2760 (Online) 0976-3252 (Print), , indexing with Google Scholar, CiteSeer, UlrichsWeb, DOAJ and pubget , cseb, scribd, getCITED etc, Vol.3, No.4, page: 85-92, August 2012, AIRCC.

39. Mansaf Alam, Cloud Algebra for handling Unstructured Data in Cloud Database Management System, International Journal on Cloud Computing: Services and Architecture (IJCCSA), ISSN : 2231 - 5853 [Online] ; 2231 - 6663 [Print], DOI : 10.5121/ijccsa.2012.2603, indexing with Google Scholar, CiteSeer, UlrichsWeb, DOAJ and pubget , cseb, scribd, getCITED, Vol.2, No.6, December 2012,Taiwan**.**

40. Aankita Kaur, Mansaf Alam, Role of Knowledge Engineering in the Development of a Hybrid Knowledge Based Medical Information System for Atrial Fibrillation, American Journal of Industrial and Business Management, Vol.3 No.1, page 36-41, DOI: 10.4236/ajibm.2013.31005, indexing with Academic keys, CrossRef, DOAJ, EBSCO, A-to-Z(with access permission, Fudan University, Google Scholar, IndexCopernicus, JournalSeek, JournalTOCs, Open J-Gate, Proquest, Scirus, etc., January 17 2013, Scientific Research, USA.

41. Mansaf Alam and Suchi Sethi, Security Risks & Migration Strategy for Cloudsourcing: A Government Perspective, International Journal of Engineering and Innovative Technology, Volume 2, Issue 7, January 2013,p p. 205-209, ISSN: 2277-3754, USA.

42. Mansaf Alam and Kashish Ara Shakil, Cloud database Management System Architecture, International Journal of Advances in Computer Science and its Applications, Vol. 3, Issue 1, Page 27-31, Universal Association of Computer and Electronics Engineers(UACEE), ISSN:2250 – 3765, 2013, Australia.

43. B. Mohd. Jabarullah, Sandeep Saxena, C N Kennedy Babu and Mansaf Alam, HYBRID APPROACH OF FACE RECOGNITION, Cyber Times International Journal of Technology & Management, Vol. 6, Issue 1, October 2012 – March 2013, ISSN: 2278-7518.

44. Kashish Ara Shakil and Mansaf Alam, Data Management in Cloud Based Environment using k-Median Clustering Technique, International Journal of Computer Applications (0975 –8887), Volume 3,pp 8-13, 2014, Foundation of Computer Science, New York, Impact Factor: .835, Indexing with Google Scholar, CiteSeer, UlrichsWeb, DOAJ and Scientific Commons Index etc..

45. Bashir Alam, M.N Doja, Mansaf Alam and Shweta Malhotra, Security Issues Analysis for Cloud Computing, International Journal of Computer Science and Information Security , Vol. 11, No. 9, pp. 117-125, SEP 2013, Indexed in, Google Scholar,SCIRUS, ScientificCommons, DOAJ, ISSN: 1947-5500, USA.

46. Bashir Alam, M.N Doja, Mansaf Alam and Shweta Malhotra, 5-Layered Architecture of Cloud Database Management System, AASRI Procedia Journal, Volume 5, pp: 194 – 199, 2013, ISSN: 2212-6716 ,Elsevier.

47. Shamshad Ahmad, Mansaf Alam, Balanced- Ternary Logic for Improved and Advanced Computing, International Journal of Computer Science and Information Technologies, Vol.5(4), 2014,pp 5157-5160,ISSN: 0975-9646, Tech Science Publications, Impact factor Indexed in index copernicus,Open J-Gate , Google scholar, Cabbel, title indexed in SciVerse scopus etc.

48. Satyamvada Maurya and Mansaf Alam, Database Development on Inborn Errors of Nucleotide Metabolism in Homo Sapiens and Tool Designing for Nucleotide Sequence Alignment,Indian Journal of Applied Research,ISSN: 2249-555x(Print), DOI : 10.15373/2249555XVol 4(7), pp 12-15, 2014, Impact Factor: 2.1652, Indexed in Scirus, Thomson Reuters,Cite Factor, CSA, etc.

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50. KA Shakil, M. Alam, S Sethi, Exploring Non-Homogeneity and Dynamicity of High Scale Cloud through Hive and Pig, Indian Journal of Science and Technology, vol. 8, no. 35, 2015, **(Impact factor 1.05), SNIP: 0.804, IPP: 0.42, SJR: 1.302, Scopus indexed.**

51. Alam, M., Sethi, S., & Shakil, K. A. Distributed Machine Learning Based Biocloud Prototype. International Journal of Applied Engineering Research, vol. 10, no. 17, pp. 37578-37583, 2015, **SNIP:0.166, IPP:0.077, SJR:0.13, Scopus Indexed.**

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53. Khalid Raza, Mansaf Alam, Recurrent Neural Network Based Hybrid Model for Reconstructing Gene Regulatory Network, Computational Biology and Chemistry, 64, 322-334, **Impact Factor: 1.014, (SNIP): 0.446 , ISSN: 1476-9271, Elsevier**

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55. Alam, M., Sadaf, K., Web search result clustering based on cuckoo search and consensus clustering, Indian Journal of Science and Technology, 9(15), 2016, **(Scopus indexed).**

56. Samiya Khan and Mansaf Alam, The Changing Face of Journalism and Mass Communications in the Big Data Era, CSI Communications, volume 40, Issue (8), Pages 16-17, CSI.

57. Shweta Malhotra, Mohammad Najmud Doja, Bashir Alam, Mansaf Alam, Skipnet-Octree Based Indexing Technique for Cloud Database Management System, Journal International Journal of Information Technology and Web Engineering (IJITWE), Volume 13, Issue 3, Pages 1-13, 2018/7/1, IGI Global, (Scopus indexed).

58. Sandeep Saxena, Mansaf Alam and B.M.Jabarullah, DS-HM Model with DCT-HW Features for Face Recognition, International Journal of Scientific Research in Computer Science Applications and Management Studies,, Volume 7, Issue 5 (September 2018),ISSN 2319 –1953.

59. A. Kumari, M. Y. Abbasi, V. Kumar and M. Alam," The Cryptanalysis of a Secure Authentication Scheme Based on Elliptic Curve Cryptography for IOT and Cloud Servers" in IEEE computer society, **SCOPUS (accepted).**

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62. Imran Khan, S. Kazim Naqvi, Mansaf Alam, Mohammad Najmud Doja, S. Nasir Aziz Rizvi, "An Efficient Framework for Creating Twitter Mart on a Hybrid Cloud", International Journal of Information Technology and Computer Science(IJITCS), Vol.9, No.10, pp.59-67, 2017. DOI: 10.5815/ijitcs.2017.10.06

Conference Papers

1. Kumari A., Yahya Abbasi M., Alam M, A Secure Key Agreement Framework for Cloud Computing Using ECC, Lecture Notes in Networks and Systems, Volume 209, Pages 577 – 584, 2022. International Conference on Expert Clouds and Applications, ICOECA 2021Bangalore18 February 2021 through 19 February 2021

2. A. Kumari, M. Y. Abbasi and M. Alam, "A smartcard-based key agreement framework for cloud computing using ECC," 2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), **2021,** pp. 43-48, **IEEE**, doi: 10.1109/ICICV50876.2021.9388629.

3. Disha Garg, Samiya Khan, Mansaf Alam, Integrative Use of IoT and Deep Learning for Agricultural Applications, Proceedings of ICETIT 2019. Lecture Notes in Electrical Engineering, vol 605. Springer, Cham, pp 521-531, 2020.

4. A Kumari, MY Abbasi, V Kumar, M Alam - , Design Flaws and Cryptanalysis of a Standard Mutual Authentication Protocol for Cloud Computing-Based Healthcare System, Advances in Data Sciences, Security and Applications, Springer Lecture Notes in Electrical Engineering, vol 612 , pp 99-109 , SCOPUS, 2020**.**

5. Preeti Agarwal, Mansaf Alam, Investigating IoT middleware platforms for smart application development, Smart Cities—Opportunities and Challenges, 231-244, Springer, Singapore, 2020.

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7. Kashish Ara Shakil, Mansaf Alam, Shabih Shakeel, Ari Ora, Samiya Khan, Exploiting Data Reduction Principles in Cloud-Based Data Management for Cryo-Image Data, Proceedings of the 2018 International Conference on Computers in Management and Business, Pages 61-66, , 2018/5/25, ACM.

8. Shweta Malhotra, Mohammad Najmud Doja, Bashir Alam, Mansaf Alam, Accelerating EGENMR Database Operations Using GPU Processing, Proceedings of the Second International Conference on Computational Intelligence and Informatics, Pages 669-679, 2018, Springer, Singapore.

9. Leena Khanna, Shailendra Narayan Singh, Mansaf Alam, Educational data mining and its role in determining factors affecting students academic performance: A systematic review, , Conference Information Processing (IICIP), 2016 1st India International Conference Pages 1-7, 2016/8/12, IEEE.

10. Shweta Malhotra, MN Doja, Bashir Alam, Mansaf Alam, Big data analysis and comparison of big data analytic approaches, Computing, Communication and Automation (ICCCA), 2017 International Conference, 2017/5/5, Pages 309-314, IEEE

11. Khan, S., Shakil, K.A., Alam, M.. Educational intelligence: Applying cloud-based big data analytics to the Indian education sector, Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016, 7917930, pp. 29-34, (Scopus indexed).

12. Ali, S.A., Alam, M., A relative study of task scheduling algorithms in cloud computing environment, Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016, 7917943, pp. 105-111, (Scopus indexed).

13. Malhotra, S., Doja, M.N., Alam, B., Alam, M., Data integration of cloud-based and relational databases, International Conference on Soft Computing Techniques and Implementations, ICSCTI 2015,7489542, pp. 83-86, (Scopus indexed).

14. Khanna, L., Singh, S.N., Alam, M, Educational data mining and its role in determining factors affecting students academic performance: A systematic review, India International Conference on Information Processing, IICIP 2016 – Proceedings,7975354(Scopus indexed)

15. Mansaf Alam and Kashish Ara Shakil, Presented "Big Data Analytics in Cloud Environment Using Hadoop" in International Conferences on Mathematics, Physics & Allied Sciences-2016, March 03-05, 2016, Goa.

16. Mansaf Alam and Shakil, Kashish Ara, presented " An effective tool to manage educational data" in ICMACS-2015, 22-24 January, 2015, Don Bosco College, Angandikandav, Kannur, Kerala.

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2. SA Ali, M Ansari, M Alam, S Rakshit(2023), Federated Learning for Business Intelligence, AI-Based Data Analytics (pp. 125-140), Taylor & Francis.

3. Ansari, M., Ali, S. A., Alam, M., Chaudhary, K., & Rakshit, S. (2023). Unlocking the Power of Explainable AI to Improve Customer Experiences in E-Commerce, AI-Based Data Analytics (pp. 31-48), Taylor & Francis.

4. Chhabra, A., Chaudhary, K., & Alam, M. (2024). Exploring Hugging Face Transformer Library Impact on Sentiment Analysis: A Case Study, AI-Based Data Analytics (pp. 97-106), Taylor & Francis.

5. Pranav Shrivastava, Bashir Alam, Mansaf Alam, A Comprehensive Analysis of Techniques Offering Dynamic Group Management in a Cloud Computing Environment, Intelligent Data Analytics, IoT, and Blockchain, ISBN 9781032442785, October 30, 2023, Taylor and Francis, DOI https://doi.org/10.1201/9781003371380

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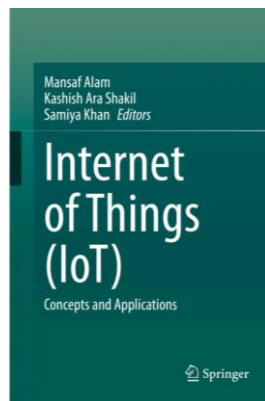
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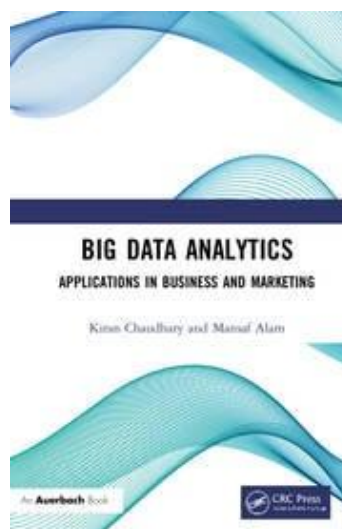[1] Mansaf Alam, Concepts of Multimedia, Book, Pub: A&P, **ISBN** 978-81-909828-4-9, 2010.

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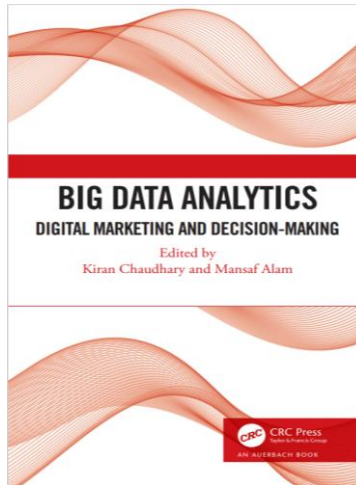
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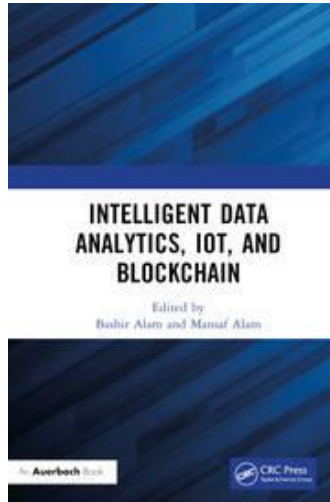

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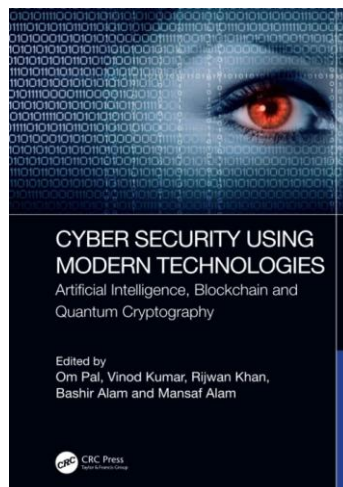

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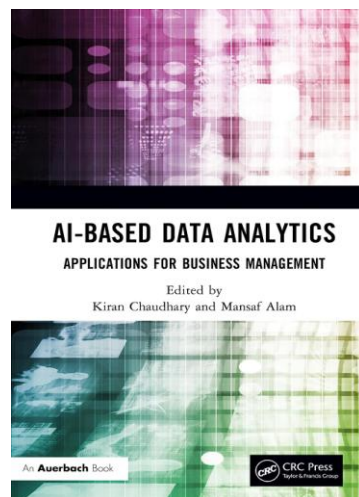

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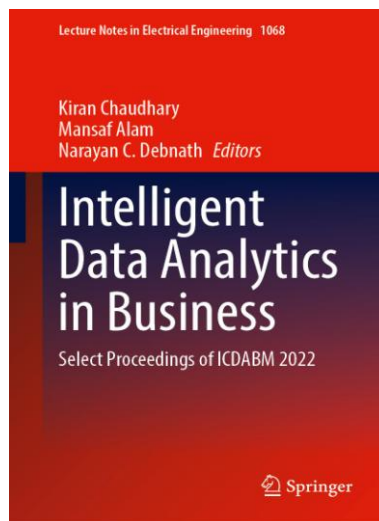

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Patents

1. Australian Patent on **An Artificial Intelligence Based Smart Dustbin** ,Patent No. 2021105270, patent duration 8 years, October 27, 2021.
2. Indian Patent on IOT BASED STRESS MANAGEMENT SYSTEM, PUBLICATION DATE (U/S 11A): 11/08/2023, Application no: 202311049163.

SPECIAL SESSION ORGANIZED

1. **SPECIAL SESSION Title:** Big Data Analytics and Artificial intelligence in business and Marketing, CDAM-2021, International Conference on Data Analysis and Management Organized Jointly by JAN WYZYKOWSKI UNIVERSITY, POLAND & B.M. INSTITUTE OF ENGINEERING & TECHNOLOGY, HARYANA, INDIA, 26th June 2022

2. **SPECIAL SESSION Title :** Artificial intelligence Applications in business, Marketing and Big, Data Analytics , 3rd International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2020), February 23th-25th, 2022, Institute of Engineering & Management, Salt Lake, Kolkata, India.

3. SPECIAL SESSION Title: Artificial Intelligence based Data Analytics for Business and Marketing, INTERNATIONAL CONFERENCE ON MACHINE INTELLIGENCE & DATA SCIENCE APPLICATIONS(MIDAS 2021), December 26-27, 2021, Department of Computer Science and Engineering, Comilla University, Cumilla, Bangladesh.

ORGANIZED SEMINARS, SYMPOSIA AND WORKSHOPS:

[1] National Workshop on "Soft Computing, Machine Learning and Bioinformatics Applications, 17-19th November 2004, JMI, supported by Department of Biotechnology, Government of India and Sun Microsystems & Wipro Infotech.

[2] National Workshop on "Software Security", September 13-14, 2007, JMI, supported by Information Technology , Ministry of Communication & IT, Govt. of India.

[3] One Day National seminar on Recent trends in Computer Science, 30th March 2016, Department of Computer Science, Jamia Millia Islamia, New Delhi

[4] *International Seminar On* Cloud Computing and Distributed Systems, *30th December 2016, Department of Computer Science, Jamia Millia Islamia, New Delhi*

SEMINARS, SYMPOSIA, and WORKSHOPS ATTENDED:

[1] National Workshop on "Soft Computing, Machine Learning and Bioinformatics Applications, JMI, supported by Department of Biotechnology, Government of India and Sun Microsystems & Wipro Infotech, 17-19th November 2004.

[2] National Workshop on "Software Security", JMI , supported by Information Technology , Ministry of Communication & IT, Govt. of India, September 13-14, 2007.

[3] Workshop on "IT for ALL" Organized by FTK-Centre for Information Technology, JMI, October 31-november 01, 2007.

[4] EdRoad to Reform Rethinking Curriculum, organized by Education times group, Hotel Le Meridien, New Delhi, August, 11, 2009.

[5] A National Workshop on "Understanding Educational TV Programmes: Problems &Prospects", New Delhi, December 17, 2009.

[6] National Symposium on "Bioinformatics: Challenges in the post-genomic era",Bioinformatics centre, School of Biotechnology, Jammu University, Jammu, sponsored by Department of Biotechnology, Ministry of Science and Technology. Govt. of India, February 02, 2012.

[7] Road to Reform Rethinking Curriculum, organized by Education times group, Hotel Grand Hyatt, New Delhi, May, 28, 2012.

[8] Training & Awareness Program on Intellectual Property Rights, 2nd November 2014, New Delhi.

[9] International Research Workshop on Cloud Computing(RWCC-2014, Sept. 26- 27, 2014, JNU.

[10] 7th DBT-BIF National Workshop on Translational Bioinformatics (NWTB-2017), Bioinformatics Infrastructure Facility Centre, Department of Computer Science, JMI, Feb 15-16, 2017.

[11] Visvesvaraya PhD Scheme for Electronics & IT/ITES one day workshop of young Faulty Research Fellows(YFRF), Indian Institute of Science, Bangalore, July 28, 2017.

TRAINING COURSES, TEACHING-LEARNING-EVALUATION TECHNOLOGY PROGRAMMES, FACULTY DEVELOPMENT PROGRAMMES

S. No.	Programme Duration	Organized by
1.	2nd three-week Refresher Course in Computer Science from 7th December to 28th December,2006.	ASC, JMI
2.	82nd four week Orientation Programme from 08th August to 06th September, 2007	ASC, JMI
3.	Special winter school 24 December-12 January 2014	ASC, JMI
4.	Short Term Course on Ethics in Higher Education in Teaching & Research, **1st March 2017 to 7th March 2017.**	CPDHE (UGC-HRDC) University of Delhi

RESEARCH GUIDANCE

S No	Number Enrolled	Thesis Submitted	Degree Awarded
M.Sc/MCA or Equivalent		40	40
Ph. D. or Equivalent	3	0	13

[1] **Dr. Aashita Chhabra,** Intelligent Model Framework for Business Management Based on Big Data Analytics in Cloud, 2025

[2] **Dr. Nabeela Hasan,** An Intelligent IOT Framework for Industrial Applications in Cloud Environment, November 2024

[3] **Dr. Preeti Agarwal,** sHARf:A Smart Human Activities Recognition Framework, 2024

[4] **Dr. Disha Garg,** Analytical Solutions for IoT Based Agricultural Data, 2024

[5] **Dr. Manzoor Ansari**, Integration IoT and Cloud Based Technology for Real World Applications, **2023**

[6] **Dr. Adesh Kumari**, Design and Analysis of Authentication Protocols using Elliptic Curve Cryptography, 2021

[7] **Dr. Samiya Khan**, A Cloud Based Framework for Big Data Analytics, 2022

[8] **Dr. Talat Parveen,** Mathematical Modeling and Applications of Information Theory in Decision Making, 2019

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[9] Sandeep Saxena, Recognition of Faces in Web Video using Coupled Hidden Markov Model., 2019

[10]Dr. Shuchi Sethi, Cloud Security: Data Separation through Secure Virtual Pat1itioning in Multitenant Data Centers, 2017

[11] Dr. Kashish Ara Shakil, An Effective Framework for Data Management in a Cloud Based System, 2017

[12] Dr. Kishwar Sadaf, Information Retrieval Using Clustering Techniques, 2016

[13]Dr. Khalid Raza, Soft Computing Approach for Modeling Biological Networks, 2014

[14] Dr. Ankita Kaur, Hybrid Approach for Knowledge Discovery in Medical Datasets, 2014.

CONTRIBUTION TO THE ACADEMIC AND CORPORATE LIFE OF THE UNIVERSITY

[1] Project supervision of PG Students, JMI, New Delhi

[2] Lab Coordinator, Department of Computer Science, JMI, New Delhi.

[3] Admission coordinator, Department of Computer Science, JMI, New Delhi

[4] Examiners and Paper setter of Various Universities.

[5] Member of Moderation Committee, Department of Mathematics, JMI, New Delhi

[6] Asstt. Superintendent, UGC-Net-2007 New Delhi.

[7] Asstt. Superintendent, Semester Examination, Department of Computer Science, JMI, New Delhi

[8] Asstt. Superintendent, Annual Examination-2009, Faculty of Natural Sciences, JMI, New Delhi.

[9] Asstt. Superintendent, Compartmental Examination-2007, 2008, Faculty of Natural Sciences, Faculty of Social Science and Faculty of Humanities and Languages, JMI, New Delhi.

[10] Member Purchase Committee, D/o Computer Science, Jamia Millia Islamia, New Delhi

[11] Asstt. Superintendent, Admission Test-2009, Ambederkar University, Lucknow.

[12] Observer, AIEEE Admission Test-2010, CBSE, Pune.

[13] Tabulator, Admission Test, Various Courses of JMI, New Delhi.

[14] Member Placement Committee, D/o Computer Science, Jamia Millia Islamia, New Delhi

[15] Member BIF Committee, D/o Computer Science, Jamia Millia Islamia, New Delhi.

[16] Ph.D. Coordinator, Department of Computer Science, JMI, New Delhi.

[17] Observer, AIEEE Admission Test-2011, CBSE, Kanpur.

[18] Warden, Boys Hostel, Jamia Millia Islamia

[19] Member, University Prospectus 2014 Committee.

[20] Dy Director, IQAC, Jamia Millia Islamia, 2016-2018

[21] Warden, Allama Iqbal Hostel, JMI, 2015-2016

[22] Sr. Warden, Allama Iqbal Hostel, JMI, 2016-2017

[23] Dy Director, Innovation Centre, JMI , 2017-2019

[24] Dy Proctor, JMI, 2017-2018

[25] Security Advisor, Jamia Millia Islamia, July, 2018-2019

[26] Dy Provost, Dr. Zakir Husain Hall, Jamia Millia Islamia, New Delhi, July 2018-2019

[27] Professor in charge, Jamia Alumni Connect(JAC), November 2023 to February 2025

[28] Dean, Alumni Affair, Jamia Millia Islamia, since March 025

REVIEWER

[1] E. Balagurusamy, Programming in C#, Tata McGraw Hill Education India, Pvt. Ltd., 2009.

[2] Preview of the programmes on Computer Science, Consortium for Education

[3] Communication (CEC) an Inter University Centre of University Grant

[4] Commission (UGC) runs 24 hrs. Channel on Higher Education known as Vyas Channel, New Delhi, 2010.

[5] Visual C++(MDU) , Vikas Publishing House Pvt. Ltd.2010.

[6] Operating System, I.K. International Publishing House Pvt Ltd**.**,2010.

[7] Discrete Mathematics, Macmillan India Ltd., 2011.

[8] International Conference **(WICT2011)**, IEEE, Mumbai.

[9] Information Science, Journal, **Impact Factor: 2.833   Elsevier.**

[10] International Conference **(WCEWB12),** IEEE, August 27-29, 2012, United Kingdom.

[11] International Conference (**ICIA2012),** University of Sultan Zainal Abidin, June 3-5, 2012, Malaysia.

[12] 2nd World Congress on information and communication technologies(**WICT2012)**, October 30-november 02, 2012, IEEE, Trivandrum, India

[13] International Journal of Information Management, Impact Factor:1.532, Elsevier.

[14] Journal of Network and Computer Applications, Impact Factor: 1.065, Elsevier. Science and Information Conference 2013, October 7-9, 2013, London, United Kingdom (UK).

[15] International Journal on Cloud Computing: Services and Architecture (IJCCSA).

[16] American Journal of Database Theory and Application.

[17] Information Science, Elsevier

[18] Journal of Information Science, Sage.

EDITOR/EDITORIAL BOARD

[1] Editorial Board Member, Discover Analytics, Springer,
https://link.springer.com/journal/44257/editorial-board

[2] Guest Editor: International Journal of System Assurance Engineering and Management, Springer, Impact Factor 1.8 (Scopus & SCIE)

[3] Lead Guest Editor: Advances in Multimedia Journal, HINDAWI, Impact Factor 1.4(Scopus & ESCI)

[4] Guest Editor: Expert System Journal, Wiley, Impact Factor 2.587(SCIE)

[5] Editor-in- Chief, American Journal of Database Theory and Application,

[6] Scientific & Academic Publishing Co, Address: 1200 Rosemead Blvd, STE D #105, Rosemead, CA, 91731, USA.

[7] Editorial Board Member, International Journal of Chaos, Control, Modelling and Simulation (IJCCMS), Academy & Industry Research Collaboration Center (AIRCC)

[8] Editorial Board Member, International Journal of Game Theory and Technology (IJGTT), Academy & Industry Research Collaboration Center (AIRCC).

[9] Editor-in-Chief, Journal of Applied Information Science, ISSN: 2321-6115,Indexed In Ulrich's Web, Cabell's Directory, publishing India Group, India.

[10] Editor, International Journal of Image Processing and Pattern Recognition, JournalPub, India

[11] Editorial Board, International Journal of End-User Computing and Development (IJEUCD), IGI Global.

[12] Editorial Board Member, International E-Conference on Advances in Business and Management-2022,, Organized by Department of Commerce, Shaheed Bhagat Singh College, University of Delhi

SESSION CHAIR

[1] International Conference on Information Technology (ITNG-2011), 11-13, April 2011, Las Vegas, Naveda, USA, Publisher IEEE Computer Society **Washington, DC, USA, 2011.**

[2] Second International Conference on Computational Science, Engineering and Information

[3] Technology(CCSEIT '12), Coimbatore, India — October 26 - 28, 2012, Publisher ACM New **York, NY, USA, 2012.**

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[4] INTERNATIONAL CONFERENCE ON ROLE OF TECHNOLOGY IN NATION BULDING (ICRTNB2013), 27th April 2013, Meerut.

[5] The 2014 International Conference of Data Mining and Knowledge Engineering (ICDMKE),**Imperial College, London, U.K., 2-4 July, 2014**

[6] 9th INDIACom;2nd 2015 International Conference on Computing for Sustainable Global Development, IEEE Conference ID:35071, New Delhi, 11th-13th March, 2015.

[7] National Conference on Emerging Trends in Electrical & Electronics Engineering(EREEE- 2015),New Delhi 2nd & 3rd February, 2015.

[8] 50th Golden Jubliee Annual Convocation on "Digital Life",02th -05th December , 2015,CSI.

[9] International conference on Mathematics and Computational Sciences(ICMACS-2015), 22-24, January, 2015, Don Bosco College, Kannur, Kerla.

[10] International Conference-INDICON2015, DURING 17TH-20TH December 2015, IEEE, JMI, New Delhi

[11] 10th INDIACom;2nd 2016 International Conference on Computing for Sustainable Global Development, IEEE Conference ID:37465, New Delhi, 18th-13th March, 2016.

[12] IEEE International Conference, EUC DADM: Data Analysis and Data management for Embeded and Ubiquitous Computing, 24th August, 2016, at the CSE, EUC, DCABES and associated workshop that took place in Paris, France, during 24 to 26 August 2016.

[13] National seminar on Academic and Administrative Audit(NSAAA-2017), January 20-21, 2017, IQAC,Aggarwal College Ballabgarh, Faridabad, Haryana, India.

[14] National Seminar on Emerging Paradigms in Computer Science & Information Technology, February 11, 2017, Sponsored by Jharkhand Council on Science & Technology(JCST), Ranchi, Jamshedpur Women's College, Jamshedpur.

[15] Two Days National Seminar, ICT in Teaching –Learning: Breaking Down the Barriers to education, 18th & 19th November, 2017, C.R. College of Education, Rohtak.

[16] International Conference on Recent Advances in Mathematics(ICRAM-2018), February 17-18, 2018, Aggarwal College Ballabgarh, Faridabad, Haryana, India, Feb 18, 2018.

[17] 12th INDIACom;2018 5th International Conference on Computing for Sustainable Global Development, IEEE Conference ID:42835, 14th-16th March, 2018, chaired session on 16, March 2018.
Pricharcha-2018, National Conference on Big Data Analytics, 16-17th March, 2018, CRS University, Jind, Haryana ,chaired session on March 17, 2018.

[18] 2nd International Conferences on Frontiers of Science & Technology-2018,ICFST-18, July 21-22, 2018, Department of Applied Sciences, KIET Group of Institutions, Ghaziabad, UP.

[19] International Conference on System Modeling Simulation & Intelligent Computing (ICSMSIC-2019, 8-9 March 2019, ABES Engineering College, Ghaziabad, UP, March 9, 2019.

[20] 13th INDIACom; 2019 6th International Conference (INDIACom-2019), 13th to 15th March, 2019, IEEE Conference ID:46181, New Delhi, chaired session on 14, March 2019.

[21] International Conference on ICT for Digital, Smart, and Sustainable Development (ICIDSSD19), March 15-16, 2019, Department of Computer Science and Engineering, Jamia Hamdard, New Delhi. Chaired session on 16, March 2019.

[22] Interdisciplinary Science Conference on Big Data and Computational Biology, October 21-22, 2019, Centre for Interdisciplinary research in Basic Sciences, JMI, New Delhi, Chaired session on October 21, 2019.

[23] Chairperson, International Conference on Data Analytics and Management (ICDAM2021)" on June 26, 2021, Poland

[24] Chairperson, two days of the National E-Conference on "Advances in Business, Management and technology", June 26,2021, Pandit Madan Mohan Malviya School of Commerce and Management Sciences Mahatma Gandhi Central University, Motihari, Bihar.

[25] Chairperson for a session, 27th International Conference of International Academy of Physical Sciences, Recent Advances in Mathematics and Computational Optimizations (RAMCO-2021) 26th-28th October 2021 (ONLINE), School of Computational and Integrative Sciences, J.N.U, New Delhi , October 26, 2021

[26] Chair Person for session, International Conference On "Emerging Trends in Innovative Computing & Intelligent System", 16-18 November, Department of Computer Science & Electronics, Christian Eminent College Indore, Research Foundation of India, November 16, 2021.

[27] Chairperson of a Session, 5th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques"ICEECCOT-2021", December 10-11, 2021,IEEE, GSSS Institute of Engineering and Technology for Women, METAGALLI , MYSURU- 570 016 |, KARNATAKA , December 10, 2021

[28] Co-Chair of a Session, National Seminar on Recent Trends in Mathematics, Aggarwal College, Ballabgarh, December 22, 2021

[29] Chaired a Technical Session, INTERNATIONAL E-CONFERENCE ON ADVANCES IN BUSINESS & MANAGEMENT, Department of Commerce, Shaheed Bhagat Singh College, University of Delhi, January 21, 2022.

[30] Session Chair, 16th INDIACom; INDIACom-2022; IEEE Conference ID: 545972022 9th International Conference on "Computing for Sustainable Global Development", 23rd – 25th March, 2022 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) , March 25, 2022

[31] Session Chair, International Conference on Data Analytics in Business and Marketing, April 21-22, 2022, Shivaji College, University of Delhi, April 22, 2022

[32] Session Chair, Seminar Presentation" in the online 3rd 2-Week Refresher Course in Basic Sciences. UGC-HRDC, JMI, August 18, 2022.

[33] Session Chair, ICECI-2023 (Day 1, 11th February 2023), Department of Computer Science, AMU Aligarh, Feb 11, 2023.

[34] Session Chair, 10th International Conference as INDIACom-2023, March 15-17, 2023, Bharati Vidyapeeth, New Delhi (INDIA)), March 17, 2023.

[35] Session Chair, National conference on Recent Advances in Mathematic 2023, May 5 -6, 2023, Aggarwal College, Ballabhgarh, Haryana, May 6, 2023.

[36] Session Chairperson , International Conference INDIACom24, February 29, 2024.

[37] Session Chairperson, International Conference -2024: Science for A Sustainable Future, School of

Sciences, Maulana Azad National Urdu University, Hyderabad, March 5, 2024

[38] Session Chairperson, DELCON-2024: Advancing Technology for Sustainable Development, IEEE, Bharati Vidyapeeth, New Delhi (INDIA), November 23, 2024.

[39] Session Chair in INDIACom-2025; the 19th Edition of International Conference on Computing for Sustainable Global Development, 02nd – 04th April, 2025, Bharati Vidyapeeth, New Delhi (INDIA), April 2, 2025.

International/National Committee Member

[1] International Programme Committee of World Congress on Information and Communication Technology, IEEE, December 11-14, 2011, Mumbai India, url: http://www.mirlabs.org/wict11/index.php.

[2] Program Committee Member, International Conference 'socpros2011', Roorkee, India, December 20-22, 2011. http://ieirlc.org/conf/socpros2011/organisingcommittee.php

[3] Member, Machine Intelligent Research Lab, USA. http://www.mirlabs.net/network/Asia/India/catalogue/Dr. Mansaf Alam.php

[4] Member of Scientific and Technical Committee & Editorial Review Board, Word Academy of Science, Engineering and Technology.

[5] Member of International Programme Committee , 2nd World Congress on Information and Communication Technology, IEEE, October 30 –November 02, 2012, Trivandrum, India, http://www.mirlabs.org/wict12

[6] Program Committee Member, World Conference on Information Systems and Technologies (WorldCIST'13), Proceeding Published by Springer and indexed by ISI, EI, SCOPUS, DBLP and EBSCO, , March 27 –March 30, 2013, Algarve,Portugal. http://www.aisti.eu/worldcist13/index.php/committees

[7] Technical Committee Member, Science and Information conference 2013, October 7-9,2013,London,UK.   http://thesai.org/SAIConference2013/CommitteeProfile/bbab488b-5c5-46e5-8eb7-   01be66be61ab

[8] Technical Committee Member, , RVIOC-ITA, Texas,USA ,April 07 20132013, Austin, *http://www.risingvision.org/conferences/onlinecohtmlnferences/csit/rviocita/committees.*

[9] Member, IAENG Society of Computer Science, Saint John, New Brunswick, E2L 4L5, Canada.

[10] Member Program Committee, First International Workshop of Networks and Communications(NC2013), June 1-2, 2013, Istanbul , Turkey. http://netcom2012.org/2013/nc13/committee.html

[11] Member Program Committee ,CST 2014, International Conference on Foundations on Computer Science & Technology, Zurich, Switzerland, January 204, 2014

http://airccj.org/2013/cst2014/pc.html

[12] Member Program Committee, Fifth International Conference on VLSI(VLSI- 2014),   JPHotel, July 26, 2014, Chennai, India.

http://aicty.org/2014/vlsi14/committee.html

[13] Member Program Committee, The Fourth International Conference on Peer-to-Peer Networks and Trust Management (P2PTM-2014), July 26-27, 2014, Chennai, India.

24

http://aicty.org/2014/p2ptm14/program.html

[14] Member Program Committee, Second International Conference of Networks and Communications (NC 2014), Novotel Sydney Central, July 12-13, 2014, Sydney, Australia
http://wimo2014.org/nc/committee.html

[15] Member Advisory Committee, National Conference on Recent Innovations and Advancements in Information Technology, Department of Computer Sciences, Baba Ghulam Shah Badshah University, Rajouri (J&K) India, November 26027, 2014
http://www.bgsbuniversity.org/riat.html

[16] Member Program Committee, Sixth International Conference on Network & Communications Security (NCS - 2014), December 27 ~ 28 - 2014, Sydney, Australia
http://netcom2012.org/2014/ncs/committee.html

[17] Member Program Committee, Second International Conference of Advanced Computer Science & Information Technology (ACSIT-2014), June 14-15, Zurich, Switzerland
http://coneco2009.com/2014/acsit/committee.html

[18] Member Program Committee, Third International Conference on Software Engineering (SE-2015), June 13-14, 2015, Zurich Switzerland.
http://acsit2015.org/se/committee.html

[19] Program Committee Member, International Conference on Software Engineering (SOFT-2015),November 6-7, 2015, Coral Deira - Dubai, Deira, Dubai, UAE.

[20] Program Committee Member, Third International Conference on Software Engineering (SE-2015), June 13-14,2015 Zurich, Switzerland
http://acsit2015.org/se/committee.html

[21] Program Committee Members, Fourth International Conference on Information Theory (IT 2015), May 23-24, 2015, Vienna, Austria.
http://ccseit.org/2015/it/committee.html

[22] Committee Member, Confluence-2016: Global Technology, Innovation & Entrepreneurship Summit, Global TIE Summit 2016 , Amity School of Engineering & Technology, Noida, UP
http://www.amity.edu/asetau/confluence2016/committees.html#2

[23] Program Committee, International Conference on IT Convergence and Security 2016, ICITCS2016, September 26-29,2016, Prague, Czech Republic.
http://icatse.org/icitcs/program-committee/

[24] Program Committee Member, **Third International Conference on Cybernetics & Informatics (CYBI 2016) ,May 21-22, 2016 Vienna, Austria. http://cosit2016.org/cybi/committee.html**

[25] Program Committee Member, Third International Conference on Education (EDU 2016), August 27-28 , 2016, Coral Deira , Dubai, UAE. http://csen2016.org/edu/committee.html

[26] Program Committee Member, Fifth International Conference on Cloud Computing : Services and Architecture (CLOUD-2016), January 23~24, 2016, Dubai, UAE.
http://csen2015.org/2016/cloud/program.html

[27] *Program Committee Member, Fifth International Conference on Natural Language Processing(NLP-2016), February 6-7, 2016, SYDNEY, AUSTRALI*

[28] Technical Program Committee, 8th International Conference on Computational Aspects of Social Networks (CASoN2016) , December 19 - 21, 2016, School of Information Technology & Engineering, VIT University, Vellore - 632014, India.
http://www.mirlabs.org/cason16/committees.php

[29] Program Committee Member, Second International Conference on Natural Language Computing (NATL-2016), September 24-25,, 2016, Bangalore, India
http://acity2016.org/natl/program.html

[30] International Program Committee, 2017 IEEE International Conference on Imaging, Vision and Pattern Recognition (icIVPR) 13 February 2017 Dhaka, Bangladesh
cennser.org/icIVPR/committeeICIVPR17.pdf

[31] INTERNATIONAL ADVISORY COMMITTEE, Confluence-2017:7th International Conference on Cloud Computing, Data Science & Engineering ,12th-13 January, 2017, Amity, NOIDA, UP, India
http://www.amity.edu/aset/confluence2017/committees.html

[32] Technical Program Committee, The Seventh International Conference on Mobile Services, Resources, and Users, MOBILITY 2017,June 25 - 29, 2017- Venice, Italy.

[33] Program Committee, The 6th International Conference on Emerging Internet, Data & Web Technologies, March 15-17, 2018, Polytechnic University of Tirana, Albania ,
http://voyager.ce.fit.ac.jp/conf/eidwt/2018/comitees.php

[34] Technical Program Committee, 7th International conference on Advances in Computing , Communications and Informatics,ICACCI'18, September, 19-22, 2018, Bangalore,India,
http://icacci-conference.org/2018/content/tpc

[35] Technical Program Committee, 4th International Conference on Next Generation Computing Technologies, (NGCT' 2018), 21 st - 22nd NOVEMBER 2018 http://www.ngct.org/ngct2018/

[36] Program Committee , The 13th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2019), July 3rd – July 5th , 2019, University of Technology Sydney (UTS), Sydney, Australia.
http://voyager.ce.fit.ac.jp/conf/imis/2019/committee.php

[37] Technical Committee, 5th International Conference on Recent development in Science, Engineering and Technology, Data Science and Analytics, 15-16 November 2019, REDSET-2019, G.D. Goenka University (GDGU), Gurugram Sohna Road Gurugram, Haryana, India 122103,http://www.redset.in/

[38] Organizing Committee Member, International Conference On Power Electronics, Control & Automation, Department of Electrical Engineering, Jamia Millia Islamia IEEE IAS Society, IEEE Delhi Section and IEEE PELS/IES PES/IAS, Delhi Chapter(As Technical Co-Sponsors), 16-17, November 2019. https://icpeca2019.com/committee.html

[39] Technical Advisory Committee, ICETIT-2019,International Conference on Emerging Trends in Information Technology – 2019, Organized by Institute of Information Technology and Management, Janakpuri, Delhi, (AICTE Approved - NAAC & NBA Accredited and Affiliated to GGSIP University, New Delhi), 21-22 June, 2019

[40] Technical Program Committee, The Ninth International Conference on Mobile Services, Resources, and Users,MOBILITY 2019, July 28, 2019 to August 02, 2019 - Nice, France,
https://www.iaria.org/conferences2019/ComMOBILITY19.html

[41] Technical Program Committee ,Third International Conference on Computing and Network Communications (CoCoNet'19), December 18-21, 2019, Indian Institute of Information

Technology and Management-Kerala (IIITM-K), Technopark/Technocity Campuses, Trivandrum, Kerala, India.
http://coconet-conference.org/2019/?q=committee

[42] Technical Program Committee, International Conference on ICT for Digital, Smart, and Sustainable Development, School of Engineering Sciences & Technology, Jamia Hamdard (Deemed to be Univ and School of Education (PMMMNMTT, MHRD, GOI) Jamia Millia Islamia W ersity), Department of Computer Science & Engineering, New Delhi, INDIA, February 27-28, 2020,
http://www.jamiahamdard.ac.in/icidssd/com.html

[43] Technical Program Committee , INTERNATIONAL CONFERENCE ON CYBERSECURITY AND DIGITAL ERA(ICCEDE-2020) Feb 7-8, 2020, Department of Master of Computer Application, GL Bajaj, Greater Noida, https://www.glbitm.org/iccede2020/Committee.html

[44] International Program Committee, 4th International Conference on Imaging, Vision & Pattern Recognition (IVPR), June 22 ~ 25, 2020, Kitakyushu International Convention Center, Kokura, Kitakyushu-city, Fukuoka, Japan, http://cennser.org/IVPR/committee.html

[45] 14th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2020), July 1st – July 3rd , 2020, Lodz University of Technology, Lodz, Poland
http://voyager.ce.fit.ac.jp/conf/imis/2020/committee.php

[46] PC Member, The 8-th International Conference on Emerging Internet, Data & Web Technologies (EIDWT-2020),February 24-26, 2020, Kitakyushu International Conference Center, Kitakyushu, Japan   http://voyager.ce.fit.ac.jp/conf/eidwt/2020/comitees.php

[47] Member of National Advisory Board, International Conference on Machine Intelligence and Data Science Applications (MIDAS) 2020" in association with NGCT Society on September 4-5, 2020. MIDAS-2020, University of Petroleum and Energy Studies, Dehradun.
https://www.icmidas.in/advisory.html

[48] Member Board of studies, Department of Applied Science, Faculty of Fine Art, Jamia Millia Islamia

[49] Member Board of Studies, School of Liberal Arts & Sciences, Era University, Lucknow,7-October 2021-till date.

[50] National Advisory Committee Member, International Conference (Online) On Challenges of Disasters: Vulnerability, Adaptation and Resilience, March 02-03, 2021.
https://easychair.org/cfp/ICDMJMI-2021

[51] PC Member, (EIDWT-2021)The 9-th International Conference on Emerging Internet, Data & Web Technologies (EIDWT-2021), February 25-27, 2021 ,Chiang Mai, Thailand.
http://voyager.ce.fit.ac.jp/conf/eidwt/2021/comitees.php

[52] Technical Committee member, MINDS – 2022, International Conference on Machine Intelligence and Network Data Security, 18-19 february, 2022.
https://www.nshm.com/international-conference-minds-2022/

[53] Advisory Board Member, International Conference on Data Analytics in Business and Marketing, April 21-22, 2022, Shivaji College, University of Delhi
https://conficdabm2022.wixsite.com/icdabm2022/call-for-paper

[54] Advisory Board Member, Tecnia Institute of Advanced Studies (TIAS) , NAAC grade A, New Delhi, https://tiaspg.tecnia.in/advisory-board/

[55] Technical Program Committee Member, International Conference on Emerging Computational Intelligence ICECI-2023,11th-12th February 2023, Department of Computer Science, Aligarh Muslim University, Aligarh
https://amu.ac.in/miscellaneous/iceci-2023/committee

[56] NATIONAL ADVISORY COMMITTEE Member, 5th International Conference on Machine Learning, Image Processing, Network Security and Data Sciences(**MIND 2023),** 21-22 December, 2023 National Institute of Technology, Hamirpur, HP-177005, INDIA
https://mind2023.nith.ac.in/advisorycommittee.html

[57] Local Advisory Committee Member, International Conference on Renewable Energy and Sustainable Technologies (ICREST-2024), 4th - 6th July 2024 | New Delhi, India
https://icrest.co.in/localComit.html

[58] *NATIONAL ADVISORY COMMITTEE Member, The Global AI Summit 2024, "International Conference on Artificial Intelligence and Emerging Technology (AISUMMIT-2024), Bennett University, UP*
https://www.bennett.edu.in/aisummit2024/committees/

[59] Technical Program Committee Member, DELCON-2024, 21-23, November,2024, IEEE held at Bharati Vidyapeeth, New Delhi (INDIA)
https://bvicam.ac.in/Delcon2024/TechnicalProgrammeCommitee.php

[60] PROGRAM COMMITTEE MEMBERS , 9th International Conference on Research in Intelligent Computing in Engineering(RICE-2024), 27-28 December, 2024, Hyderabad, India
https://riceconference.in/committee.php

[61] PROGRAM COMMITTEE MEMBERS, 17th International Conference of Agent and Artificial Intelligence, 23-25 February 2025, Porto , Portugal,
https://icaart.scitevents.org/programcommittee.aspx

[62] National Technical Program Committee Member, ICAAAIML-2025: International Conference on Advances and Applications of Artificial Intelligence and Machine Learning, July 18-19, 2025
https://www.icaaaiml.com/committees.html

Member Board of Studies

[1] Department of Applied Art, faculty of Fine Art, JMI

[2] School of Liberal Arts and Sciences, Era University, Lucknow

[3] Department of Computer Engineering, JMI

[4] Department of Psychology, April 11, 2022- Till 3 year ,JMI

[5] Interdisciplinary Centre for Artificial Intelligence, Z.H. College of Engineering & Technology, AMU, Aligarh

[6] Multidisciplinary Centre for Advanced Research and Studies (MCARS)

[7] Board Member of School of Engineering & Technology, Central University of Punjab, Bathinda, Punjab

TV Interview

[1] TV Interview, Rozgar Se Kamyabi Tak : Career in Artificial Intelligence & Machine Learning December 9, 2023

[2] TV Interview, Rozgar Se Kamyabi Tak : Career in Artificial Intelligence & Machine Learning
    a. July 1, 2023, https://www.youtube.com/watch?v=3RtNmdA1Wow

[3] TV Interview, Yeh Hai India, Drone Technology in India:Hope and Challenges Part-|, December 01, 2023

    i. Part 1: https://www.youtube.com/watch?v=T4wFGW3a0pc

    ii. Part 2: https://www.youtube.com/watch?v=zuAIYKmTel4

[4] TV Interview on Cloud Computing, DD URDU, September 25, 2023

https://www.youtube.com/watch?v=Oyy01HqOpj8

[5] TV Interview on Artificial Intelligence, DD URDU, July 1, 2023

https://www.youtube.com/watch?v=3RtNmdA1Wow

[6] TV Interview on Artificial Intelligence and IoT, Knowledge Star, October 18, 2022

https://www.youtube.com/watch?v=myYHcB_l4KY

[7] TV Interview on Science and Technology, DD URDU, Jan 26, 2015

https://www.youtube.com/watch?v=6m07xM9L9_g

[8] TV Interview, Yeh Hai India, Artificial Intelligence and Youth, DD URDU, April 21. 2024

    a. https://www.youtube.com/watch?v=RRHLpekvoQk

[9] TV Interview on Deepfakeh, Apna Mulk Apna Aaeen**,** DD URDU, February 12. 2025

[10] **https://www.youtube.com/watch?v=t_lh4o_5Kkw**

[11] TV interview on AI revolution and Indian concern regarding malpractices of OpenAI and threats, DD Urdu , June 10, 2025

https://youtu.be/VglvGPYI_TI?si=_xoEjhrZWtRzC3YC

INVITED Talk\LECTURES\Speaker\Panel Discussion

1. A Lecture On "Computer and Internet Troubleshooting" IASC, Faculty of Education, Jamia Millia Islamia, November 2007.

2. A Lecture On "Fundamentals of Computers" Academic Staff College, Jamia Millia Islamia , 89th 4-week Orientation Program from 06th August to 4th September 2009, 10th August 2009.

3. A Lecture On "Use of Microsoft Power Point Package in Academic life" Academic Staff College, Jamia Millia Islamia, 89th 4-week Orientation Program from 06th August to 4th September 2009, 13th August 2009.

4. A Lecture On "Use of Microsoft Excel Package in Academic life" Academic Staff College, Jamia Millia Islamia, 90th 4-week Orientation Program from 06th April to 4th May 2010, 21st April 2010.

5. A Lecture On "How to make a presentation (Power Point)" Academic Staff College, Jamia Millia Islamia, 93rd 4-week Orientation Program from 20th July to 16th August 2010, 28th July'2010.

6. A Talk, Computer Aided Instruction in School. May 23, 2010, Workshop-11 for B.Ed(Distance Mode), IGNOU Study Centre, JMI.

7. A Talk , Availability of CIA Material for School, May 23, 2010, Workshop-11 for B.Ed(Distance Mode), IGNOU Study Centre, JMI.

8. A Talk , Planning & Preparation of CIA Programme in the concerned school subject or on any common issue using Computer and Instruments-I, May 23, 2010, Workshop-11 for B.Ed(Distance Mode), IGNOU Study Centre, JMI.

9. A Talk , Planning & Preparation of CIA Programme in the concerned school subject or on any common issue using Computer and Instruments-II, May 23, 2010, Workshop-11 for B.Ed(Distance Mode), IGNOU Study Centre, JMI.

10. A Lecture on "Application of Matlab in Bioinformatics", BIF, DCS, JMI, New Delhi.

11. A Lecture On "Computer Fundamentals & DBMS for Management of Geographic database" on 23rd January 2013, Academic Staff College, Jamia Millia Islamia, 15th 3-week Refresher course in Geography & Environment Studies from 22nd January to 13th February 2013.

12. A Talk on Marriage of cloud computing and big data, Cloud Conect 2013, Mumbai. http://www.cloudconnectevent.in/speaker-profiles.

13. A keynote Speaker, Cloud Computing: A New Beginning in Technology, INTERNATIONAL CONFERENCE ON ROLE OF TECHNOLOGY IN NATION BULDING (ICRTNB2013), 27th April 2013, Meerut.

14. A Lecture on " Application of Computers in Interdisciplinary Sciences on 10 May 2013 at 3rd 3-week Refresher Course in Basic Sciences, UGC-ASC, JMI, New Delhi

15. A Lecture on " Management of Big Data using Cloud Database Management System" July 25, 2013, 4- week Orientation Program, UGC-ASC, JMI, New Delhi.

16. A Speaker, Cloud computing **A new genesis for education,** Conference On Fundamentals of Cloud Computing, New Delhi, 23 November 2013, UNICOM**.**

17. A Speaker, **Cloud: A new paradigm for management of big data, November   21, 2013,** BBDIT , NCR, New Delhi

18. A Speaker, **Cloud Computing Technology in Big Data Management(Two Session**), 20 August 2014,
109th 4-Week Orientation Programme, UGC-ASC, JMI, New Delhi.

19. A Speaker, **Cyber Security Issues in Administrative Offices**, 27 August 2014, 7th 4- Week Orientation
Programme for Academic Administrators, UGC-ASC, JMI, New Delhi.

20. A speaker, **Understanding Data Quality, June, 03, 2014**, NRDMS, DST Sponsored Summer Training on Geospatial Technology, Dept. of Geography, JMI.

21. A speaker, **Understanding Attribute Data: Importance of Database and DBMS, June, 03, 2014,**
NRDMS, DST Sponsored Summer Training on Geospatial Technology, Dept. of Geography, JMI.

22. A Speaker, **Cloud Technology in Health Care**, **23 May 2014,** 4th 3-Week Refresher Course in Basic
Sciences, UGC-ASC, JMI, New Delhi.

23. A Speaker, **Cyber Security: Problems and Solutions**, **26 April 2014**, 108th 7th 4- Week Orientation
Programme for Academic Administrators, UGC-ASC, JMI, New Delhi.

24. A Speaker, **Cloud Computing: A solution to manage big data, 24 April 2014**, 108th 4- Week Orientation Programme for Academic Administrators, UGC-ASC, JMI, New Delhi.

25. A Speaker, **Mobile Cloud Computing in Health Care,** 23 January 2014, 107th 4-Week Orientation
Programme for Academic Administrators, UGC-ASC, JMI, New Delhi.

26. A Speaker, **Cloud: A New Way to Handle Big Data,** 23 January 2014, 107th 4- Week Orientation
Programme for Academic Administrators, UGC-ASC, JMI, New Delhi.

27. A Speaker, Cloud Computing in Education and Research, November 14, 2014, ICT including MOOCs Linux, FOSS, UGC-Academic Staff College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

28. A Speaker, Mobile Computing , November 14, 2014, 2oth Orientation Program, UGC-Academic Staff

    College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

29. A Speaker, **Cloud Computing Technology: As tool to resolve the Big Data problem in real world, 22**

    November 2014, 110th 4-week Orientation Programme , UGC-ASC, JMI, New Delhi.

30. A Speaker, **Applications of Cloud Computing Technology in medical Science, 22 November 2014**,

    110th 4-week Orientation Programme , UGC-ASC, JMI, New Delhi

31. A Speaker, **Handling 4VS of Big Data through Cloud Computing Techniques-I, 09 February 2015,**

    Aacademic Staff College, Jamia Millia Islamia, 111th 4-week Orientation Programme from 04 February to 04 March 2015.

32. A Speaker, **Handling 4VS of Big Data through Cloud Computing Techniques-II, 09 February 2015,**

    Aacademic Staff College, Jamia Millia Islamia, 111th 4-week Orientation Programme from 04 February to 04 March 2015.

33. A Talk on **Cloud Computing a Magical Wand for Handling Big Data** , National Conference on Big Data and Web Intelligent Analytics, TIAS, New Delhi, 27th Feb, 2015.

34. A Speaker, **Academic Performance Indicator(API) Calculation for Direct Recruitment and CS, May 16, 2015**, Refresher Course in Basic Sciences Programme , UGC-ASC, JMI, New Delhi

35. A Talk on Cloud Computing and Big Data, 9th INDIACom;2nd 2015 International Conference on Computing for Sustainable Global Development, **IEEE Conference ID:35071, New Delhi, 11th-13th March, 2015.**

36. A Speaker, **Cloud Computing** , December 03, 2015, 05th Refresher Course in E-resources & ICT &

Research(ID) Program, November 24, 2015 to December 14, 2015, UGC- Academic Staff College,

Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

37. A Speaker, **Reinventing Teaching ans Research using Cloud Computing**, December 03, 2015, 05th Refresher Course in E-resources & ICT & Research(ID) Program, November 24, 2015 to December 14, 2015, UGC-Academic Staff College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

38. A Speaker, **Role of ICT and Cyber Security Issues in Administrative Offices**, 22 November 2016, UGC-Human Resource Development Centre (Academic Staff College), Jamia Millia Islamia, Four Week Programme for Assistant Registrar and Equivalent from the University during 15 November to 14 December 2016.

39. A Speaker, **Big Data analytics and cloud computing**, 09 June 2016 (Thursday), Human Resource Development Centre, Jamia Millia Islamia, 5th 3-week Special Summer School from 26 May to 15 June 2016.

40. A Speaker, **Application of Big Data Analysis**, 12 May 2016, Human Resource Development Centre, Jamia Millia Islamia, 115th 4-week Orientation Programme from 27 April to 25 May 2016.

41. A Speaker, **Application of Cloud Computing in real world,** 12 May 2016, Human Resource Development Centre, Jamia Millia Islamia, 115th 4-week Orientation Programme from 27 April to 25 May 2016.

42. A Speaker, **Big Data(2 session)**, 05 August 2016, Human Resource Development Centre, Jamia Millia Islamia, 116th 4-Week Orientation Programme from 19 July to 16 August 2016.

43. A Speaker, **Cyber Crime & Cyber Security**, 25 October 2016, UGC-Human Resource Development Centre, Kurukshetra University Kurukshetra, Short Term Course in Software Technology.

44. A Speaker, **Design Website and Create Blogs,** 25 October 2016, UGC-Human Resource Development Centre, Kurukshetra University Kurukshetra, Short Term Course in Software Technology.

45. A Speaker, **E-Contents Development**, December 12, 2016, Refresher Course in ICT(ID) Program, November 19, 2016 to December 10, 2016, UGC-Academic Staff College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

46. A Speaker, **APPs Development**, December 12, 2016, Refresher Course in ICT(ID) Program, November 19, 2016 to December 10, 2016, UGC-Academic Staff College, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kala, Haryana.

47. A Talk, **Cyber Security: Contemporary Threats and Solutions**, National Conference on Emerging Trends in Information Technology(NCETIT"2016), March 19, 2016, IITM, New Delhi.

48. A Keynote Speaker, **Emerging Trends in Computer Science and Information Technology**, Haryana Swarn Jayanti International Conference on Emerging Trends in Computer Science and Technology(HSJICETCSIT-2016), November 03, 2016, Department of Computer Science & Engineering, Al-Falah University, Haryana.

49. A Talk, **Academic & Administrative Audit: Key to Quality Higher Education**, National Seminar on Academic and Administrative Audit(NSAAA-2017), January 20-21, 2017, IQAC,Aggarwal College Ballabgarh, Faridabad, Haryana, India.

50. A Talk **, Big Data, IOT & Cloud Computing**, National Seminar on Emerging Paradigms in Computer Science & Information Technology, February 10, 2017, Sponsored by Jharkhand Council on Science & Technology(JCST), Ranchi, Jamshedpur Women's College, Jamshedpur.

51. A Talk**, IoT meets Big Data & Cloud Computing**, National Seminar on Emerging Paradigms in Computer Science & Information Technology, February 11, 2017, Sponsored by Jharkhand Council on Science & Technology(JCST), Ranchi, Jamshedpur Women's College, Jamshedpur.

52. Invited Talk, **Big Data and Cloud Computing**, February 02, 2017, Goswami Ganesh Dutt Sanatan Dharma College, Haryana.

53. A Talk, Introduction to database-I, Department of Geography Jamia Millia Islamia, New Delhi, 2017.

54. A Talk, Introduction to Query Department of Geography Jamia Millia Islamia, New Delhi, 2017.

55. A Talk, **Applications of IoT, Big Data and Cloud Computing in Climate Change Monitoring**, Refresher course in Climate Change, UGC-Human Resource Centre, JMI, February 22, 2017.

56. A Talk on **Plagiarism**, 117th 4-Week Orientation Programme from 15 February to 16 March 2017, UGC - HRDC, JMI, Feb 28, 2017.

57. A Talk on **API for Teachers in University and college**, Refresher course in Climate Change, UGC-Human Resource Centre, JMI, March 8, 2017, UGC-HRD, JMI.

58. A Talk on **Applications of cloud computing in healthcare**, National Seminar on Cloud Computing and It's application, Jamia Hamdard, March 10, 2017.

59. A Talk on **Use of Cloud Computing in Education**, Workshop on ICT for Teacher Educators, February 28 – March 02 , 2017, Department of Teacher Training and Non Formal Education (IASE) , JMI, February 28, 2017.

60. A Talk on **Plagiarism, what it is and how to avoid it & Identification of Suitable Journal for Research Publications**, ICSSR sponsored "Ten Days Research Methodology Course for Ph.D students in Social Sciences, 15th March to 25th March 2017 , Department of Geography. JMI, March 21, 2017.

61. A Talk on **Minimum Academic Performance and Service Requirement for Promotion of Teachers in Universities and Colleges**, 01th 3 week Refresher Course in Climate Change(Interdisciplinary), UGC-Human Resource Centre, JMI, March 08, 2017.

62. A Talk on **Cyber Crimes and Security Issues as a side effect of social Media**, One Week Short Term Course in Software Technology, UGC-Human Resource Development Centre, Kurukshetra University Kurukshetra, June 03, 2017.

63. A Talk on **Web Page Designing: Tools and Techniques,** One Week Short Term Course in Software Technology, UGC-Human Resource Development Centre, Kurukshetra University Kurukshetra, June 03, 2017.

64. A Talk on **Cloud Computing and Big Data Analytics: Converging Technology,** 6th 3-week Special Summer School from 29 May to 17 June 2017, Human Resource Development Centre, Jamia Millia Islamia, June 10, 2017.

65. A Talk on **Big Data Analytics in Cloud Environment for use in real life**, 119th 4-Week Orientation Programme from 01 August to 29 August 2017, UGC-MHRD Center, Jamia Millia Islamia, August 5, 2017.

66. A Talk on **Effect of ICT on Teaching and Learning**, Two Days National Seminar, ICT in Teaching –Learning: Breaking Down the Barriers to Education, 18th & 19th November, 2017, C.R. College of Education, Rohtak.

67. A Talk on **Big Data Analytics and its Applications using Cloud Computing** , Nov, 20, 2017, UGC- Academic Staff College, JMI.

68. A Talk **on Big Data Analytics and its cloud based applications in real life scenario & IoT Based Big Data Analytics Application**, Nov, 21, 2017.

69. A Talk on **Number System**, DD Vyas TV, CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, 7th August, 2017, 03:30-04:30 PM.

70. A Talk on **Computer Arithmetic**, DD Vyas TV, CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, 3rd January, 2018, 03:30-04:30 PM.

71. A Talk on **Fundamentals of Boolean Logic and Gates**, DD Vyas TV, CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, 19th January, 2018, 03:30-04:30 PM.

72. A Talk on **Big Data and Cloud Computing Applications in Real World Scenario**, National Conference on Emerging Trends in Information Technology(NCETIT2018), IITM, New Delhi, Jan 27, 2018.

73. A Talk on **Information communication Technology Applications in Administrative Offices**,(Two Session) UGC-Human Resource Development Centre, January 29, 2018.

74. A Talk on **Applications of Computer in Mathematics**, FDP on Emerging Trends in Mathematics, ARSD College, University Of Delhi, Feb 1, 2018.

75. A Talk on **Data Analytics using Recent Advances in Technology: Internet of Things(IoT) & Cloud Computing**, International Conference on Recent Advances in Mathematics(ICRAM-2018), February 17-18, 2018, Aggarwal College Ballabgarh, Faridabad, Haryana, India, Feb 18, 2018.

76. A Talk on **High Speed Networking and Information Security**, 12th INDIACom; 2018 5th International Conference on Computing for Sustainable Global Development, IEEE Conference ID:42835, 14th-16th March, 2018, 16, March 2018.

77. A Talk on **Big Data Analytics & IoT: Two sides of a coin**, Pricharcha-2018, National Conference on Big Data Analytics, 16-18th March, 2018, CRS University, Jind, Haryana , March 18, 2018.

78. A talk on **Information Communication Technology for all from Rural to Urban,** Academic Staff College, Jamia Millia Islamia, New Delhi, March 17, 2018.

79. A Talk on **Cloud Service and deployment models-II**, DD Vyas TV, CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, March 21, 2018, 03:30-04:30 PM.

80. A Talk on **Cloud Technologies**, DD Vyas TV, CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, March 23, 2018, 03:30-04:30 PM.

81. A Talk on **Virtual Machine Technology**, DD Vyas TV, CEC, IUAC

Campus, Aruna Asaf Ali Marg, New Delhi, April 4, 2018, 03:30-04:30 PM

82. A Talk on **Data Management in Cloud**, DD Vyas TV, CEC, IUAC
Campus, Aruna Asaf Ali Marg, New Delhi, April 6, 2018, 03:30-04:30 PM.

83. A Talk on **Application of Cloud Computing**, DD Vyas TV, **UGC-**CEC, IUAC
Campus, Aruna Asaf Ali Marg, New Delhi, May 18, 2018, 03:30-04:30 PM.

84. A talk on **Big Data Analytics using IoT in Cloud Environment,** Two Weeks Faculty
Development Programme (14th – 26th May, 2018) on "Emerging Research Trends in
Computer Science & IT" at BVICAM, New Delhi, May 22, 2018.

85. A Talk on **Mobile Cloud Computing**, DD Vyas TV, **UGC-**CEC, IUAC
Campus, Aruna Asaf Ali Marg, New Delhi, May 25, 2018, 03:30-04:30 PM.

86. A Talk on **Load Balancing in Cloud Computing**, DD Vyas TV, **UGC-**CEC, IUAC
Campus, Aruna Asaf Ali Marg, New Delhi, June 8, 2018, 03:30-04:30 PM.

87. A Talk on **Load Balancing algorithm and resource optimization**, DD Vyas TV,
UGC-CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, June 15, 2018, 03:30-
04:30 PM.

88. A Talk on **Introduction to Big Data**, DD Vyas TV, **UGC-**CEC, IUAC Campus, Aruna
Asaf Ali Marg, New Delhi, July 04, 2018, 03:30-04:30 PM.

89. A Talk on **Big Data and it's Applications** , DD Vyas TV, **UGC-**CEC, IUAC Campus,
Aruna Asaf Ali Marg, New Delhi, July 11, 2018, 03:30-04:30 PM.

90. A talk on **IoT Based Big Data Analytics in Cloud Environment,** 2nd International
Conference on Frontiers of Science and Technology (ICFST-2018) 21-22, July 2018,
KIET, Ghaziabad, UP, July 22, 2018.

91. A talk on **Big Data Analytics, IoT and Cloud Computing: Next Generation
Technology,** Orientation Program**,** UGC-MHRDC , Jamia Millia Islamia, New Delhi,
July 25, 2018.

92. A Talk on **Big Data Analytics using Machine Learning** , DD Vyas TV, **UGC-**CEC,
IUAC Campus, Aruna Asaf Ali Marg, New Delhi, August 3, 2018, 03:30-04:30 PM

93. A talk on **Real Life Applications of Big Data Analytics, IoT and Cloud Computing,**
1st Refresher Course in E-Learning & E-Governance (Interdisciplinary), 23rd July -
17th August, 2018, UGC-HRDC, JNU**,** August 09, 2018.

94. A Talk on **Hadoop Distributed File System(HDFS)**, DD Vyas TV, **UGC-**CEC, IUAC
Campus, Aruna Asaf Ali Marg, New Delhi, August 31, 2018, 03:30-04:30 PM

95. A talk on **Applications of Recent Technology(BDA, IoT and CC) in Real Life,** 1st Refresher Course in Computer and Mathematics, 23rd July - 17th August, 2018, UGC-HRDC, JMI**, September** 08, 2018.

96. A Talk on Big Data Analytics Tool : Pig , DD Vyas TV, UGC-CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, September 19, 2018, 03:30-04:30 PM

97. A Talk on Advanced Hive and HBase , DD Vyas TV, UGC-CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, October 3, 2018, 03:30-04:30 PM

98. A Talk on BDA, IoT and CC Applications in Real Life, HRDC, JMI, New Delhi, October 8, 2018.

99. A Talk on Big Data Management Tool: HBase Commands, DD Vyas TV, UGC-CEC, IUAC Campus, Aruna Asaf Ali Marg, New Delhi, October 22, 2018, 03:30-04:30 PM

100. Live lecture and discussion on Cloud Computing: Adoption and recent **scenario**, DD Vyas TV Channel, October 31, 2018.

101. Live lecture and discussion **on Cloud Computing :Issues and Applications**, DD Vyas TV, November 5, 2018.

102. Live lecture and discussion on **Cloud Computing: Real life Applications**, DDVyas TV, November 14, 2018.

103. A Talk on **Recent Technology Applications in Administrative offices**, ASC, JMI, New Delhi, November 15, 2018.

104. Live Lecture on **Advanced HBase**, DD Vyas TV, November 19, 2018.

105. Live lecture & Discussion on **Big Data Analytics:Real Life Application**, DD Vyas TV,   November 26, 2018.

106. Talk on **Big Data Analytics:Real Life Applications-II**, DDVyas TV, December 14, 2018.

107. Live lecture and discussion on **Big Data Analytics: Real Life Issues and Challenges**, DDVyas TV, December 17, 2018.

108. Live lecture on **Big Data Analytics: Real Life Issues and Challenges**, DDVyas TV, December 31, 2018

109. Talk on Applications of ICT **in office and Administration**, ASC, JMI, New Delhi, January 16, 2019.

110. Live lecture on **Advanced HBase-II**, DDVyas TV, Feb 7, 2019.

111. Live lecture on **Big Data Workflow Management System: Oozie** DDVyas TV, Feb 19, 2019.

112. Live lecture on **Big Data Workflow Management System: Advanced Oozie** DDVyas TV, Feb 22, 2019.

113. Talk on **Application of Cloud Computing and IoT in the Era of Big Data**,UGC-HRDR, JMI, New Delhi, Feb 27, 2019.

114. Talk on Applications of ICT in Social Science Research, Workshop, Centre for Spanish and Latin American Studies, JMI, New Delhi, March 5, 2019.

115. Talk on **Cloud Computing: A solution for handling impact of IoT on big data**, International Conference on System Modeling Simulation & Intelligent Computing (ICSMSIC-2019, 8-9 March 2019, ABES

Engineering College, Ghaziabad, UP, March 9, 2019.

116. Talk on **Motivation and Career Guidance**, University of Delhi, June 9 2019, New Delhi

117. A Talk on **Combining IoT and Cloud Computing with Power of Big Data Analytics,** FDP on Research Frontiers of Artificial Intelligence , Machine Learning and Data Analytics: A hands on approach, , 24-28 June 2019, TEQIP_III sponsored one week Faculty Development Program, Department of Computer Science & Engg., KIET Group of Institutions, Ghaziabad June 26. UP.

118. Invited Talk on **Open Source, one week FDP for MOOCs, HRDC, University of Kurukshetra University, Haryana, July 18, 2019.**

119. Invited Talk on **Creative Common Policy,** one week FDP for MOOCs, HRDC, University of Kurukshetra University, Haryana, July 18, 2019.

120. A Speaker, Innovative Tech & Trend in Higher Education Marketing, Student Recruitment & Enrollment, Global Guru's Conclave 2019, 25th - 26th, July , 2019. Eros Hotel, Nehru place, New Delhi, July 26, 2019.

121. Invited Talk on **Biomathematics Open Source and Creative Common**, one week FDP sponsored by MHRD, Govt. Of India, Shivaji College, University of Delhi, August 3, 2019.

122.Invited Talk on **Cloud Computing Applications in Biomathematics**, one week FDP sponsored by MHRD, Govt. Of India, Shivaji College, University of Delhi, August 3, 2019.

123. Invited Talk on **Big Data Analytics Technologies in Cloud Computing Environment**, Govt. of India, Ministry of Science & Technology, DST sponsored National Conference on Recent Advances and Innovations in Artificial Intelligence, Machine Learning and Deep Learning, 3 to 5 October, 2019, Satellite Campus Kargil, University of Kashmir, , October 4, 2019.

124. Invited Talk on **Academic and Administrative Audit: Key to Quality Assurance for Higher Education**, 127th 3-Week Orientation Programme from 02 November to 23 November 2019,UGC- HRDC, JMI, New Delhi, November 15, 2019.

125. Invited Talk on **Convergence of AI Techniques for IoT based Real Life Applications**, Faculty Development Program on Sensor Network, Internet of Things and Internet of Everything, December 04, 2019, MANU, Hyderabad.

126. Invited Talk on **IoT, Big Data and Cloud Computing applications in Real life**,128th 3-Week Orientation Programme from 12 February to 03 March 2020, UGC- HRDC, JMI, New Delhi, Feb 28, 2020.

127. Invited Talk on **Open Source : Common Creative Policy**,128th 3-Week Orientation Programme from 12 February to 03 March 2020, UGC- HRDC, JMI, New Delhi, Feb 28, 2020.

128. Invited Talk on **Plagiarism and Common Creative**, one month induction program from 27 February to 27 March 2020, UGC- HRDC and School of Education (PMMMNMTT, MHRD, GOI), JMI, New Delhi, March 03, 2020.

129. Invited Talk on **Importance of Latex and xfig in Research**, one week faculty development, May 11 to May 17, 2020, A. N. College Patna., May 11, 2020.

130. Invited Talk on **Application of Big Data, IoT and Cloud Computing in Geographical Studies,** Department of Geography, Jamia Millia Islamia, New Delhi, May 31, 2020.

131. Invited Talk On **Unsupervised Machine Algorithm using Python: Clustering and Association**, FDP on Machine Learning and its Applications using Python, 29 June-3 July 2020, Ajay Kumar Garg Engineering College, July 2, 2020, Ghaziabad, UP.

132. Invited Talk on **Recent Technologies: AI based Big Data Analytics using Cloud Computing and IoT**, one week International FDP on Recent Trends in Computer Science and IT, July 13-17, 2020, KGIT, Ghaziabad ,UP, July 15, 2020.

133. Invited Talk on **Machine Learning Algorithm Implementations using python**, Machine Learning and Mathematical Modeling National Webinar, Manipal University, Jaipur, August 7, 2020.

134. Invited Talk on **Applications of Mathematics behind Machine Learning**, Mewat Engineering College, Mewat, Haryana, August 20, 2020

135. Invited Talk on **Open Source Software and Common Creative Policy**, Mathematics Festival 2020, Assam, August 27, 2020

136. Invited Talk on **Mathematics behind Data Science and Machine Learning**, AAM & Jawaharlal Nehru College, Guwahati University, August 28, 2020.

137. Invited Talk on **Big Data Analytics Using IoT in Cloud Environment**, ARSD Collage, University of Delhi, September 3, 2020.

138. Invited Talk on **Cloud Computing and its Application in Real Life,** 8th 2-Week Refresher Course in Basic Science, HRDC, JMI, New Delhi, September 10, 2020.

139. Invited Talk on **Big Data Analytics Applications using IoT in Real life**, Govt. College of Engineering and Technology, September 15, 2020.

140. Invited Talk on **Big data and IoT Applications**, Innovation Centre, JMI, September 22, 2020

141. Invited Talk on **Cloud Computing with IoT Applications in Real life**, Department of Mathematics, University of Delhi, September 28, 2020.

142. Invited Talk on **Environment Monitoring Using IoT and AI**, 1st 2-Week Refresher Course in Environmental Science/Education (Inter-disciplinary), HRDC, JMI, New Delhi, October 09, 2020.

143. Invited Talk on **Academic Integrity, Honor Code and Honor Pledge: Need and Importance,** 1st One Month Induction Program, HRDC, JMI, New Delhi, October 22, 2020.

144. Invited Talk on **Academic Ethics and Common Creative Policy,** Research Methodology, Department of Computer science, Aligarh Muslim University Aligarh, December 1, 2020.

145. Invited Talk on **Academic Integrity, Need & Importance of Honor Code and Honor Pledge,** Online Second online faculty induction programme, HRDC, JMI, New Delhi, December 04, 2020.

146. Keynote Speaker, **Real Life Applications of Big Data Analytics using IoT**, 6th CSI J&K State Students Convention, December 19, 2020.

147. Invited Talk on **Issues of Plagiarism in Research**, One-week Research Methodology, HRDC, JMI, December 23, 2020.

148. Invited Talk on Application of **Big data and Iot** , Orientation programme, faculty of Egineering and Technology, JMI, December 24, 2020.

149. Invited Talk on **Importance & Need of Academic Integrity, Honor Code and Honor Pledge,** Online Second online faculty induction programme, HRDC, JMI, New Delhi, January 12, 2021.

150. Invited Talk on **Applications of Artificial Inteligence in real life ImportanceMiHIR Bhoj P.G College, Department of Mathematics, CCS University Gautam Budh Nagar,** January 20, 2021.

151. Invited Talk on **Academic Integrity , Honor Code and Honor Pledge its need and Importance,** HRDC, JMI, New Delhi, Feb 26, 2021.

152. Invited Talk on **AI-Based Big Data Analytics using IoT in Cloud Environment,** Referesher Course in Information Technology, University of Kashmir, J&K, March 2, 2021.

153. Invited Talk on **Applications of Artificial Intelligence in Data Science,Department of Mathematics. Maitreyi College, University of Delhi,** April 15, 2021.

154. Invited Talk on **Applications of Artificial Intelligence in Enterpreneurship,** Two week National Level Online Workshop on Entrepreunership Development Program for Building Manag**er,** Department of Management, Christian Eminenr College, Indore, MP**,** April 30, 2021.

155. Invited talk on **Role of Google Class and Google meet in Online Teaching**, Workshop on Online Teaching Tools and Technique, University Department of Computer Applications, Tika Manjhi Bhagarpur University, June 10, 2021.

156. Invited talk on **Convergence of Blockchain Technology , IoT and Artificial Intelligence**, One Week FDP on Emergence of Blockchain Technology and Cryptocurrencies(9-14 August,2021), IITM Janakpuri, New Delhi, August 14,2021.

157. Invited Talk on **Big Data Analytics using IoT and Blockchain in Cloud Environment**, 3rd International Conference on "Frontiers of Science and Technology-

2021 (ICFST-21)" in virtual mode during August 13-14, 2021, KIET Ghaziabad, August 14,2021

158. Invited Talk "**Applications of ICT in Teaching and Learning**",UGC-HRDC, BPSMV Refresher program on "Technological Reforms in teaching and upcoming trends in ICT(ID)" from 17 August 2021 to 31 August 2021, BPS Mahila Vishwavidhyalya (Women University), Khanpur Kalan, Sonepat-131005, August 18, 2021

159. Invited Talk "**Evaluation of answer script automatically using cloud based applications**.",UGC-HRDC, BPSMV Refresher program on "Technological Reforms in teaching and upcoming trends in ICT(ID)" from 17 August 2021 to 31 August 2021, BPS Mahila Vishwavidhyalya (Women University), Khanpur Kalan, Sonepat-131005, August 18, 2021.

160. Invited Talk on **Applications of Blockchain Technology in Cyber Security**, FDP Programme on Cyber

Security in Digital Era from 23rd August to 27th August 2021, Department of Computer Sciences, BGSB

University Rajouri, Jammu and Kashmir, August 23, 2021

161. Invited Talk on **Need & Importance of Academic Integrity, Honor Code and Honor Pledge**, 5th Faculty Induction Programme from August 10 to September 08, 2021,HRDC Jamia Millia Islamia, New Delhi, August 27, 2021

162. Invited Talk " **Cyber Crime and Cyber Security**", one day National Workshop on "Cyber Crime and Cyber Security" Organized by Department of Geography and Department of Economics Hamidia Degree College , University of Allahbad, prayagraj (U.P) , September 18, 2021

163. Talk on **Big Data Analytics Applications in Real Life**, AICTE sponsored online STTP on "BIG DATA ANALYTICS USING SOFT COMPUTING TOOLS" , 27 Sep 2021 to 02 Oct 2021, Department of computer Science and Engineering, Rajiv Gandhi University (A central university), Rono-Hills, Doimukh-791112, Arunachal Pradesh, October 1, 2021.

164. Talk on **Big Data, IoT and Cloud Computing Applications in Real Life**, Human Resource Development Centre, Jamia Millia Islamia , 9th 2-Week Online Refresher Course in Basic Science (Interdisciplinary) from October 5-21, 2021, October 6, 2021.

165. Talk on Big **Data , IoT and Cloud Computing Applications in Real Life**, Department of Information Technology, KIET Group of Institutions Delhi-NCR, Meerut Road (NH-58) Ghaziabad - 201206, UP, October 21, 2021.

166. Invited Talk on **Applications of Artificial Intelligence in Data Analytics**, 27th International Conference of

International Academy of Physical Sciences (CONIAPS XXVII) on "Recent Advances in Mathematical and

Computational Optimizations (RAMCO-2021)" (ONLINE) during OCTOBER 26-28, 2021. School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India, October 27, 2021

167. Invited Talk on Plagiarism and Common creative, 3rd online Refresher course in Computational and Mathematical sciences, October 22 to November 5, 2021, HRDC, JMI, Nove,ber 5, 2021.

168. Invited Talk, Cloud Based E-contents Development: Tools nd Techniques, Online Short term Course on How to Develop E-contents for online Teaching, Nober 6 to November 12, 2021, UGC-HRDC, AMU Aligarh, November 8, 2021.

169. [169] Invited Talk on "Artificial Intelligence based Big Data Analytics using IoT in Cloud Environment", AICTE sponsored online STTP on "BIG DATA ANALYTICS USING SOFT COMPUTING TOOLS" , 08 Nov 2021 to 13 Nov 2021, Department of computer Science and Engineering, Rajiv Gandhi University (A central university), Rono-Hills, Doimukh-791112, Arunachal Pradesh, November 13, 2021.

170. Invited Talk on AI Based Big Data Analytics using IoT in Cloud Environment, INTERNATIONAL COLLOQUIUM ON RECENT TRENDS IN MATHEMATICAL SCIENCES (ICRTMS-2021), November 15-16, 2021, Department of Mathematics and Internal Quality Assurance Cell (IQAC) of Mata Sundri College for Women, University of Delhi, November 1, 2021.

171. Invited Talk on" Intelligent Big Data Analytics with IoT in Cloud Environment" International Conference On "Emerging Trends in Innovative Computing & Intelligent System", 16-18 November, Department of Computer Science & Electronics, Christian Eminent College Indore, Research Foundation of India, November 17, 2021.

172. Invited Talk on " Plagiarism and Common Creative Policy", 2 Week Capacity Building Programme on 'Research and Publication Ethics' 5th -28th November 2021, Department of Management Sciences, Mahatma Gandhi Central University, November 22, 2021

173. Invited Talk on Artificial Intelligence Applications in Healthcare ,Five Days AICTE sponsored Faculty Development Program (Online) on Advanced Technologies for Societal Changes: A 360-degree view. 22-26 November 2021, organized by the School of Computer Science, UPES, Dehradun, India November 23, 2021.

174. Invited Talk on Cyber Crime and Cyber Security, 5 Day Workshop on Cyber Crime and Cyber Security, December 13 to December 17, 2021, Era University, Lucknow, December 13, 2021

175. Chief Guest Speaker of Valedictory function on , 5 Day Workshop on Cyber Crime and Cyber Security, December 13 to December 17, 2021, Era University, Lucknow, December 17, 2021

176. Invited Talk on Big Data Analytics & Artificial Intelligence in Disaster Management, 3rd Online 2-Week Refresher Course in Disaster Management (Interdisciplinary) from 20 December, 2021 to 3rd January, 2022. Around 25 , HRDC, JMI, December 20, 2021

177. Invited Talk on Role of Mathematics in Machine Learning, National Seminar on Recent Trends in Mathematics, Aggarwal College, Ballabgarh, December 22, 2021.

178. Invited Talk on Academic Integrity, Need & importance of Honor Code and Pledge, 7th Online Faculty Induction Programme from 10 December to 08 January , 2022, HRDC, JMI, December 31, 2021.

179. Invited Talk on **Applications of ICT in Real Life**, Faculty Induction Program, Feb 1 to March 2, 2022, UGC-HRDC, BPSMV, , Haryana, Feb 3, 2022.

180. Invited Talk on Common Creative Policy, Faculty Induction Program, Feb 1 to March 2, 2022, UGC- HRDC, BPSMV, , Haryana, Feb 3, 2022.

181. Invited Talk on **Process of Innovation Development**, Institution's Innovation Council, Centre for Innovation and Entrepreneurship, Jamia Millia Islamia, New Delhi, Feb 06, 2022.

182. Invited talk on **Real life Applications in society of recent Technology**, Faculty Development Program (FDP) on Outcome Based Teaching Learning Process, 7th Feb 2022 - 9th Feb 2022, IAMR Group of Institutions, Ghaziabad (U.P), February 08, 2022.

183. Invited Talk on **Design Validation through various Model of Design Validation**, Institution's Innovation Council, Centre for Innovation and Entrepreneurship, Jamia Millia Islamia, New Delhi, Feb 20, 2022.

184. Invited Talk on Artificial Intelligence Applications in Healthcare, AICTE-ATAL Sponsored Professional Development Programme (PDP) on ARTIFICIAL INTELLIGENCE IN CONTEMPORARY BIOMEDICAL & HEALTHCARE APPLICATIONS: ADVANCEMENTS & POST COVID ANALYSIS Feb. 21-25, 2022 Gautam Buddha University, Greater Noida, School of Engineering Electrical Engineering Department, Feb 21, 2022.

185. Invited Talk on AI Based Big Data Analytics in Cloud Environment using IoT, Refresher Course in Information Technology, March 2022 , UGC-HRDC, University of Kashmir, J &K, February 24, 2022.

186. Invited Talk on **Innovation and Entrepreneurship Eco-System,** Institution's Innovation Council, Centre for Innovation and Entrepreneurship, Jamia Millia Islamia, New Delhi, February 25, 2022.

187. Invited Talk on Academic **Integrity, Need & importance of Honor Code and Pledge**, 8th Online Faculty Induction Programme from 15 February to 16 March , 2022, HRDC Jamia Millia Islamia, New Delhi, March 3, 2022

188. Invited talk on **Software tools for research and for plagiarism check**, One Week workshop on Research methodology and MOOCs development ,7th March to 12th March, 2022, HRDC, Jamia Millia Islamia, New Delhi, March 8, 2022.

189. Invited talk on Big Data, IoT and Cloud Computing Applications in Research, Online Interaction Programme for Research Scholars of CAS Department of Geography, Human Resource Development Centre , AMU , 28 February to 24 March 2022 , March 9, 2022.

190. Invited talk on Open Source software and Common Creative Policy ,Online Interaction Programme for Research Scholars of CAS Department of Geography, Human Resource Development Centre , AMU , 28 February to 24 March 2022 , March 9, 2022.

191. Invited Talk on ICT in Teaching and Research, Workshop on 'Critical Understanding of ICT' , IASE, JMI, New Delhi March 12, 2022.

192. Invited Talk on Role of ICT in Teaching and Learning, Workshop on 'Critical Understanding of ICT' , IASE, JMI, New Delhi March 12, 2022.

193. Invited talk on Common creative policy and issues of plagiarism in Research, 5 Day FDP on Research methodology in Healthcare, Department of Physiotherapy, Jamia Hamdard, New Delhi, March 28, 2022.

194. Invited Talk on AI based Big Data Analytics and IoT Applications in Real Life, FDP on "Data Science Applications in Sciences and Technologies" From 28th March to 1st April-2022 , Department of Computer Sciences BGSB University, Rajouri, J&K, April 1, 2022.

195. Chief Guest and Invited Speaker, Programming and Graphics with R Language , One Week FDP Program, SRM, University, Sonepat,Haryana, April 4,2022

196. Invited Speaker, Basics of R Language , One Week FDP Program, SRM, University, Sonepat, Haryana, April 4,2022.

197. Keynote Speaker, Cyber Crime and Cyber Security Impact on Society , International conference on Cybersecurity, Cyber Crimes, and Smart Emerging Technologies 10-11 May 2022, Riyadh, Saudi Arabia, May 10, 2022.

198. Invited Talk on Real Life Applications of Artificial intelligence Based Big Data Analytics in Cloud Computing using IoT, Lingaya Vidyapeeth, Faridabad, Hariyana, May 11, 2022.

199. Invited Talk on Academic Integrity and importance of Honor Codes and Pledges,9th Online Faculty Induction Programme, 8 June to 5 July, 2022, UGC-HRDC Jamia Millia Islamia, New Delhi, June 23, 2022.

200. Invited Talk on Cloud-Based E-Contents Development Tools and Techniques-I, National level online   Refresher Course on " Hands-on Experience of learning the art and techniques of developing online programs from July 6 to July 19, 2022, UGC-HRDC, BPSMV, Haryana, July 7, 2022., https://www.youtube.com/watch?v=2JG7aB28P5g

201. Invited Talk on Artificial Intelligence, Big Data Analytics & IoT in Disaster Management, 4th Online 2-Week Refresher Course in Disaster Management (Interdisciplinary) from 22nd June to 4th August, 2022, HRDC, JMI, July 23, 2022.

202. Invited Talk on AI Based Big Data Analytics, Cloud Computing and IoT Applications in Real life, Refresher Course on Computer Science and Information Technology, UGC HRDC MANUU, Hyderabad, July 28, 2022

203. Invited Talk on AI-Based Big Data Analytics, DST(Govt. of India) sponsored FDP on Machine Learning and Artificial Intelligence, Department of Computer Science Jamia Hamdard, New Delhi, August 3, 2022

204. Invited Talk on IoT and Cloud Computing Applications in Real Life, DST(Govt. of India Sponsored FDP on Emerging Technologies, Department of Computer Jamia Hamdard, New Delhi, August 4,2022.

205. Invited Talk on AI Based Big Data Analytics in Cloud Environment using IoT,3rd Online 2-Week Refresher Course in Basic Sciences from 2nd August to 18 August, 2022, HRDC-JMI, August 11, 2022, New Delhi

206. Invited talk Industry 4.0, IIC, CIE, Jamia Millia Islamia, New Delhi, August 24, 2022

207. Talk on Building Institute Level YUKTI _ National Innovation Repository, IIC, August 26, 2022

208. Chief Guest, Ts4, National E-Conference on 'Industry 4.0 & Society 5.0 - A Journey from Industrial Revolution to Societal Eminence, 27th-28th August 2022, Department of Management Sciences, MGCU , Bihar, August 28, 2022.

209. Talk on Accelerators/Incubation – Opportunity for Early Stage Entrepreneurs, IIC, August 29, 2022.

210. Invited talk o AI Based Big Data Analytics and IoT Applications in Real life ,FDP on Deep Learning and the Internet of Everything, E&ICT Academy IIT Roorkee and IEEE UP Section, September 12, 2022 – September 16, 2022 , School of Computing Science and Engineering, Galgotias University, India, September 16, 2022

211. Invited Talk on Academic Integrity, Honor Code and Pledge: Need & importance, 10th Faculty Induction Programme , HRDC Jamia Millia Islamia, New Delhi, September,19, 2022

212. Invited talk on **Applications of Technology in Teaching**, online one week workshop on "Use of Technology and digitalization of Education" , 27 September to 3 October 2022' UGC human resource development Centre BPSMV, Sonepat, Haryana, September 29, 2022

213. Invited talk on **Applications of Technology in Research**, online one week workshop on "Use of Technology and digitalization of Education" , 27 September to 3 October 2022' UGC human resource development Centre BPSMV, Sonepat, Haryana, September 29, 2022.

214. Keynote Speaker, AI Based Big Data Analytics and IoT Applications in Society, International Conference on Advanced Computing & Next-Generation Communication ICACNGC 2022, Oct 12-13, 2022, Saint Petersburg, Russia, October 12, 2022

215. Guest of Honor Speaker, International Teacher's Day 2022 and World Student's Day on the eve of Dr. APJ Abdul Kalam Birth Anniversary and Confer Excellence Awards in the International Workshop on Research & Publications 2022, October 15th, CPACE

216. Invited Talk on Application of Big Data, IoT, and Cloud in Real Life, International GIS Day Celebration on 24Nov 2022 (Webinar):"GIS IN THE MULTIDISCIPLINARY

WORLD", Dept. of Civil Engineering, Aliah University(Govt. of West Bengal),New Town, Kolkata, November 24, 2022

217. Invited Talk on Academic Integrity, Need & importance of Honor Code and Pledge, HRDC Jamia Millia Islamia, New Delhi, Faculty Induction Programme , November 25, 2022.

218. Invited Talk on Multi-Media Enrichment of E-Contents Development, One Week Interdisciplinary Faculty Development Programme on 'MOOCs and e-Content Development' organized by the Department of Commerce, Shivaji College, in collaboration with Mahatma Hansraj Faculty Development Center under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from November 23–November 29, 2022. University of Delhi, New Delhi, November 25, 2022

219. Invited Talk on AI based Big Data Analytics , IoT, and Cloud Application in Real Life, International Conference on Recent Advances in Computer Science and Engineering (ICRACSE-2022), November 26-27, DCE,JMI, November 26, 2022

220. Invited Talk on Multi-Media Enrichment of E-Contents Development Cloud based Tool, FDP on 'MOOCs and e-Content Development', Department of Commerce, Shivaji College, in collaboration with Mahatma Hansraj, November 23–November 29, 2022., November 28, 2022.

221. Invited talk on AI based Big Data Analytics, IoT and Cloud Applications in Real Life, DST Stuti Training Program on Recent Trends and Innovation in Computer Science and Engineering, SEST, Jamia Hamdard PMU, December 1, 2022

222. Invited Talk on Academic Integrity, Mahatma Hansraj Faculty Development Centre, Faculty Induction Programme , December 1 to December 30, 2022, Hansraj College , University of Delhi, December 14, 2022

223. Invited Talk on Code of Conduct, Honor Code and Pledge, Mahatma Hansraj Faculty Development Centre, Faculty Induction Programme , December 1 to December 30, 2022, Hansraj College , University of Delhi, December 14, 2022.

224. Invited Talk on Big Data and IoT Application in Research & Real Life, 5th Refresher Course in Research Methodology (IDC), December 19th to 31st, 2022, UGC-Human Resource Development Centre, Jawaharlal Nehru University(JNU), New Delhi , December 27, 2022.

225. Invited talk on AI-based big data analytics, cloud and IoT, Atal FDP on Internet of Things, 30th Dec. 2022 to Jan 3rd,2023, School of Computer and System Science, Jawahar Lal University (JNU), New Delhi, December 30th, 2022.

226. Invited Talk on AI- Based Big Data Analytics, Cloud and IoT Applications in Real Life, IAMR, January 6, 2023.

227. Invited Talk, Overleaf and Shared Latex, one-week workshop on "Scientific & Technical Research Scripting Using LaTeX" , 13.02.2023 to 17.02.2023, Dept of Mathematics ,SRM University, Sonepat Haryana, Feb 13, 2023

228. Chief Guest and Invited Talk Hands on overleaf and shared Latex, one-week workshop on "Scientific & Technical Research Scripting Using LaTeX" , 13.02.2023 to 17.02.2023, Dept of Mathematics ,SRM University, Sonepat Haryana, Feb 13, 2023.

229. Invited Talk on Artificial Intelligence and Its application in Biomedical Science, 5-days Faculty Development Programme (FDP) under the theme "Innovation in Health Sciences: Challenges and Future Trends" from February 13-17, 2023, Faculty of Allied Health Sciences (FAHS) SGT University, Gurugram, Feb 14, 2023.

230. Special Guest Speech, Cyber Crime and Cyber Security ", Short Term Course in Cyber Crime and Cyber Security, Feb 20 to Feb 25m 2023, UGC HRDC, JMI, New Delhi, February 20, 2023.

231. Invited Talk o Cloud Based E-Contents Development Tools and Techniques, Online Short-Term Course on How to Develop e-Content for Online Teaching , 2023 , UGC-HRDC, Aligarh Muslim University, February 21, 2023.

232. Keynote Speaker, International Conference on Artificial Intelligence, Blockchain, Computing and Security (ICABCS-2023), 24 February & 25 February, 2023, Galgotias University, Gr. Noida Co-Partner: Samarkand State University, Uzbekistan , February 24, 2023.

233. Invited Talk On Cyber Crime and Cyber Security Impact on Society , Cyber Security Awareness Program 2023, Jamshedpur Women University, Jamshedpur, March 3, 2023.

234. Invited Talk on Copyright Policy and Common Creative, Five-day Online Short-Term Course on "Demystifying Intellectual Property for Research Integrity and Economic Development", March 13 – 17, 2023, Department of Computer Science and Engineering, Delhi Technological University, Delhi, March 15, 2023.

235. Invited Talk on Data Science and Career Prospects, Department of Computer Science, Chaudhary Ranvir Singh University, Jind, March 22, 2023.

236. Invited Talk on Multi-Media Enrichment of E-Contents Development using Cloud Based Tool, One-week Faculty Development Programme (in online mode) in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Delhi University, "Blended Learning, Development of MOOCs and E-content" , 24-29 April, 2023, April 26, 2023.

237. Invited talk, National conference on Recent Advances in Mathematic 2023, May 5 -6, 2023, Aggarwal College, Ballabhgarh, Haryana, May 6, 2023.

238. Guest of Honor, Valedictory function, National conference on Recent Advances in Mathematic 2023, May 5 -6, 2023, Aggarwal College, Ballabhgarh, Haryana, May 6, 2023.

239. Invited Talk on Design Thinking , Design Validation through various Model of Design Validation, Institution's Innovation Council, Centre for Innovation and Entrepreneurship, CMR Technical Campus, Hyderabad, May 11, 2023.

240. Invited Talk on Cloud Computing Applications in Real Life and Cloud Deployment, College of Computing and Information Sciences, UTAS-Salalah, University of Technology and Applied Science, Oman, May 16, 2023.

241. Invited talk on Big Data and Applications in Real Life, One-week Short Term Training Program(STTP) on "Big Data Blitz", May 22-27, 2023, Department of Computer Science & Engineering, KIET Group of Institutions, Ghaziabad, May 22, 2023.

242. Invited Talk, Academic Integrity, Honor Code and Pledge: Its Need & Importance-I, Mahatma Hansraj Faculty Development Centre, Hansraj College ,Faculty Induction Programme , June 20 to July 19, 2023, Delhi University, June 26, 2023

243. Invited Talk, Academic Integrity, Honor Code and Pledge: Its Need & Importance-II, Mahatma Hansraj Faculty Development Centre, Hansraj College ,Faculty Induction Programme , June 20 to July 19, 2023, Delhi University, June 26, 2023

244. Invited talk on Various Components of Data Science Applications in Real Life , Short Term Program on AI/ML, Department of Computer Engineering, JMI, New Delhi, Jul 7, 2023.

245. Invited Talk on AI Based Big Data Analytics in Cloud Environment using IoT, Refresher Course in Information Technology, UGC-HRDC, University of Kashmir, J &K, July 18, 2023.

246. Invited Talk o Data Visualization,TTP (Python Programming & Data Analytics) organized by the Department of Computer Science & Engineering, GJUS&T, Hisar, September 2, 2023.

247. Invited Talk o Data Visualization using Python,STTP , Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar, September 2, 2023

248. Invited talk o Blockchain Application in Cyber Security,one-week FDP "Cyber Security in the Era of Artificial Intelligence" 18th September to 22nd September 2023 "Kamyaabi – An initiative in Career Development" Department of Computer Sciences, BGSB University Rajouri, Jammu and Kashmir, September 18, 2023.

249. Invited Talk o AI Based Big Data Analytics using IoT in Cloud Computing Environment: Applications in Real Life ,Refresher's Course in "General Science " (online mode), MANUU Hyderabad. October 4, 2023.

250. Invited Talk on Research Ethics, Plagiarism and Tools of Checking Plagiarism,2-Week Refresher Course in Geography & Environmental Studies, 26 October to 8 November, 2023, Human Resource Development Centre, Jamia Millia Islamia, November 4, 2023.

251. Invited Talk on Applications of ICT in Teaching and Research, NEP Orientation and Sensitisation, Mahatma Hansraj, Faculty Development Centre (MHRFDC), Delhi University, New Delhi Nov 7, 2023.

252. Invited Talk ICT based E-Contents Development, NEP Orientation and Sensitisation, Mahatma Hansraj, Faculty Development Centre (MHRFDC), Delhi University, New Delhi Nov 7, 2023.

253. Invited talk on Applications of mathematics behind Machine Learning, Manav Rachna University, Faridabad, Haryana , November 22, 2023.

254. Keynote speaker, IEEE International Conference on Communication, Security and Artificial Intelligence (ICCSAI-2023) from 23rd Nov to 25th Nov 2023 at your

convenience organized by School of Computing Science and Engineering, Galgotias University, Greater Noida, INDIA, November 25, 2023.

255. Invited Talk on **Role of ICT in Teaching and Learning**, "NEP 2020- Orientation and Sensitization programme" ,20 November to 30 November 2023, The Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, November 28, 2023

256. Invited Talk on **Cloud Based E-Contents Development Tools and Techniques**, "NEP 2020- Orientation and Sensitization programme" ,20 November to 30 November 2023, The Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, November 28, 2023.

257. Invited Talk on Applications of Mathematics behind Machine Learning, School of Computational & Integrative Sciences, Jawaharlal Nehru University(JNU), New Delhi, November 29, 2023.

258. Invited Talk Role of ICT in Teaching and Learning "NEP 2020- Orientation and Sensitization programme" from 20 November to 30 November 2023., Malaviya Mission Teacher Training Centre, Jamia Millia Islamia , New Delhi, December 7, 2023

259. Invited talk on Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" from 20 November to 30 November 2023., Malaviya Mission Teacher Training Centre, Jamia Millia Islamia , New Delhi, December 7, 2023.

260. Invited Talk, FDP, 'Dimensions of Research: From Literature Review to Data Analysis' Department of Commerce, Shivaji College, in collaboration with Mahatma Hansraj Faculty Development Center under the scheme of Teaching (PMMMNMTT) , University of Delhi December 4-9, 2023, December 9, 2023.

261. Invited Talk on Role of ICT in Teaching and Learning, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi , December 18, 2023

262. Invited Talk on Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, December 18, 2023.

263. Invited Talk on Copyright Policy and Common Creative, Five-day Online Short-Term Course on "Online Short-Term Course on: "Intellectual Property Right: Fostering Research and Economic Development" 9th – 23rd December, 2023, Department of Computer Science and Engineering, Dr B R Ambedkar National Institute of Technology(NIT) Jalandhar, Punjab India, December 22, 2023.

264. Invited Talk on Role of ICT in Teaching and Learning, "Faculty Induction Program" , Malaviya Mission Teacher Training Centre, BPS , Khanpur Kalan, Sonipat, Haryana, January 3, 2024.

265. Invited Talk on Cloud Based E-Contents Development Tools and Techniques, "Faculty Induction Program" , Malaviya Mission Teacher Training Centre, BPS , Khanpur Kalan, Sonipat, Haryana, January 3, 2024.

266. Invited Talk on ICT in Teaching and Learning According to NEP, NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, January 15, 2024.

267. Invited Talk on Cloud Based E-Contents Development Tools and Techniques, NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, January 15, 2024

268. Invited talk on Applications of Mathematics in Machine Learning, International Conference on Mathematical Sciences and Its Applications to Artificial Intelligence (ICMSAAI – 24), SRM University, Haryana, January 19, 2024.

269. Chief Guest, Valedictory Function, International Conference on Mathematical Sciences and Its Applications to Artificial Intelligence (ICMSAAI – 24), SRM University, Haryana, January 19, 2024.

270. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, February 1, 2024

271. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, February 1, 2024.

272. Invited Talk on ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, BPS Khanpur , Haryana, Feb 12, 2024

273. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, February 16, 2024

274. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, February 16, 2024.

275. Invited Talk/Resource Person on Application of Artificial Intelligence in Real Life, Online Refresher Course on ICT and Computer Applications, 17 February to 01 March 2024, UGC Human Resource Development Centre, AMU Aligarh February 23, 2024.

276. Invited Talk/Resource Person on Clod based ICT for contents Preparation, Online Refresher Course on ICT and Computer Applications, 17 February to 01 March 2024, UGC Human Resource Development Centre, AMU Aligarh February 23, 2024.

277. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, March 2, 2024

278. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, March 2, 2024.

279. Guest Lecture/Resource Person on Cyber Security, Department of CSE-AIML, ABES Engineering College 19th KM Stone, NH-09 GHAZIABAD (U.P) March 4, 2024.

280. Keynote Speaker, International Conference -2024: Science for A Sustainable Future, School of Sciences, Maulana Azad National Urdu University, Hyderabad, March 5, 2024

281. Invited talk on Cyber Security, Department of Commerce, Kurukshetra University Kurukshetra, Haryana, March 11, 2024

282. Invited Talk/Resource Person on Application of Artificial Intelligence in Real Life, Online STC, UGC Human Resource Development Centre, AMU Aligarh March 18, 2024.

283. Invited Talk/Resource Person Clod based ICT for contents Preparation, Online STC, UGC Human Resource Development Centre, AMU Aligarh March 18, 2024.

284. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, March 19, 2024

285. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, March 19, 2024.

286. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Hansraj College, Delhi University, New Delhi, April 5, 2024

287. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, April 5, 2024.

288. Keynote speaker, Artificial Intelligence impact on society and its role in Biomedical, International conference on Quality Confluence of BIOTECH, PHARMA, ENGINEERING & A.I. SOLUTIONS TO GLOBAL PROBLEMS (QCBEPASGP-2024), KMC University, Lucknow, UP, April 20, 2024.

289. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, April 25, 2024

290. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Hansraj College, Delhi University, New Delhi, April 25, 2024.

291. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, May 14, 2024.

292. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, May 14, 2024.

293. Chief Guest in Valedictory Function, INTERNATIONAL Conference,STPM-BKGGS-2024, AGEI, AKTU, Lucknow, May 18,2024.

294. Invited Talk , Artificial Intelligence and its Impact on Society, INTERNATIONAL Conference, STPM-BKGGS-2024, AGEI, AKTU, Lucknow, May 18, 2024.

295. Invited Talk On ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, June 4, 2024

296. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, June 4, 2024.

297. Invited Talk on Role of ICT in Teaching and Learning According to NEP, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Kashmir University, J&K , June 7, 2024.

298. Invited Talk on Artificial Intelligence and Data Privacy: Applications in Education, One week Faculty Development Program on Artificial Intelligence, DTU(Delhi Teachers University), New Delhi 10th to14th June 2024, June 13, 2024.

299. Invited Talk on ICT in Education, Mahatma Hansraj Faculty Development Centre, Hansraj College, Faculty Induction Programme-04, June 3 to June 29, 2024, University of Delhi, June 26, 2024

300. Keynote Speaker, Impact of Artificial Intelligence on Society, International Conference on Intelligent Computing and Telecommunications Technology, 28-29,June 3024, Jawaharlal Nehru University (JNU), New Delhi, June 28, 2024.

301. Invited Talk On Artificial Intelligence in Education, Short term course in Artificial Intelligence, Malaviya Mission Teacher Training Centre, Aligarh Muslim University , Aligarh, UP, June 29, 2024.

302. Invited Talk On Artificial Intelligence in Education & AI Tools in Teaching ad Learning , Short term course in Artificial Intelligence, Malaviya Mission Teacher Training Centre, Aligarh Muslim University, Aligarh, UP, June 29, 2024.

303. Invited Talk on Artificial Intelligence and Data Science Applications in real life, 3 week Short term course in Artificial Intelligence/machine learning , Department of Computer Engineering, JMI, New Delhi, July 5, 2024

304. Invited Talk On ICT in Teaching and Learning According to NEP "NEP 2020-Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, University of Delhi, New Delhi, July 9, 2024

305. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020-Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, University of Delhi, New Delhi, July 9, 2024.

306. Keynote Speaker, ICT in Teaching and Learning According to NEP, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, July 20, 2024.

307. Keynote Speaker, Cloud Based E-Contents Development Tools and Techniques, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Delhi University, New Delhi, July 24, 2024.

308. Speaker, ICT in Teaching and Learning According to NEP, "NEP 2020- Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Hansraj College, Delhi University, New Delhi, August 6, 2024

309. Invited talk on Artificial Intelligence and Data science Applications in Real Life, FDP on machine learning and Deep learning, AKG College, AkTU , Lucknow ,UP, August 7. 2024.

310. Invited Talk on Artificial Intelligence Applications in Social Science and Real Life, 2 week Refresher Course in social science, August 7-21, Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, New Delhi, August 8, 2024.

311. Speaker, Cloud-based E-Contents Development Tool and Technique, "NEP 2020-Orientation and Sensitization programme" , Malaviya Mission Teacher Training Centre, Hansraj College, Delhi University, New Delhi, August 8, 2024.

312. Invited talk on Artificial Intelligence and Tools for Teaching and Learning, Online Refresher Course on Information Communication Technology, Emerging Technologies in Teaching and Learning" August 20, 2024, to September 2, 2024, organized by MMTTC BPSMV, Sonipat, Haryana, August 23, 2024

313. Invited talk on Artificial based ICT in Teaching and Learning, Online Refresher Course on Information Communication Technology, Emerging Technologies in Teaching and Learning" August 20, 2024, to September 2, 2024, organized by MMTTC BPSMV, Sonipat, Haryana, August 23, 2024.

314. Invited talk on Indian Knowledge System, Five-Day Faculty Development Program on "National Education Policy 2020,"sponsored by Dr. A.P.J. Abdul K   alam Technical University (AKTU), Lucknow, ABESIT, Ghaziabad, August 28, 2024.

315. Invited talk Effective Governance and Regulatory Reform, Five-Day Faculty Development Program on "National Education Policy 2020,"sponsored by Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow, ABESIT, Ghaziabad, August 30, 2024.

316. Invited Talk On ICT in Teaching and Learning According to NEP "NEP 2020-Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, University of Delhi, New Delhi, September 3, 2024

317. Invited Talk On Cloud Based E-Contents Development Tools and Techniques, "NEP 2020-Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, University of Delhi, New Delhi, September 3, 2024.

318. Invited Talk, ICT in Teaching and Learning According to NEP "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College and Shivaji College , University of Delhi, New Delhi, September 20, 2024

319. Invited Talk, Cloud Based E-Contents Development Tools and Techniques "NEP 2020-Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College and Shivaji College , University of Delhi, New Delhi, September 20, 2024.

320. Invited talk on **Artificial Intelligence and Recent Technology**, FDP program on Recent Trends in Data Science and Business Analytics AICTE IDEA Lab, MIET in Association with Meerut Institute of Technology, Meerut, September 25, 2024

321. Invited talk on Artificial Intelligence and Recent Technology Applications in real life, FDP program on Recent Research Trends in CS & IT", 23rd to 27th September 2024,

Department of Computer Science & Engineering, Sharda School of Engineering & Technology, Sharda University, Greater Noida, September 26, 2024.

322. Panel Discussion on Cyber Security Computer Centre, Aligarh Muslim University, Aligarh, September 27, 2024.

323. Invited Talk, ICT in Teaching and Learning According to NEP "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, New Delhi and Governmet Degree College Badaun, UP, October 1, 2024.

324. Invited talk on Artificial Intelligence Applications in Real Life and Humanities &Languages, 2-Week Refresher Course in Literatures & Languages, 3rd October to 18th October 2024 , Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, New Delhi, October 5, 2024.

325. Invited Talk on Role of ICT in Teaching and Learning According to NEP, UGC- MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi & Government Degree College, Budaun, UP, October 10, 2024.

326. Invited talk on Artificial Intelligence, Cloud Computing and IoT Applications in Real Life,ANRF Sponsored One Week Workshop on An Integrated Approach for Computing Resources: Cloud Computing With IoT(CIoT-2024), School of Computer Science Engineering & Technology , Bennett University, Greater Noida, Uttar Pradesh, October 14, 2024

327. Invited Talk, ICT in Teaching and Learning According to NEP,& Cloud Based E- Contents Development Tools and Techniques "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, New Delhi October 16, 2024.

328. Invited Talk, Cloud Based E-Contents Development Tools and Techniques "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, New Delhi October 16, 2024.

329. Invited Talk Artificial Intelligence and Recent Technologies Applications in Real-Life, online 2-Week Refresher Course in " Basic Sciences (Interdisciplinary) from 24 October to 08 November 2024, Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, New Delhi, October 25, 2024.

330. Invited Talk, ICT in Teaching and Learning According to NEP, "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, University of Delhi, New Delhi, November 5, 2024

331. Invited Talk, Cloud Based E-Contents Development Tools and Technique, "NEP 2020- Orientation and Sensitization programme", Malaviya Mission Teacher Training Centre, Hansraj College, University of Delhi, New Delhi, November 9, 2024

332. Invited Talk on ICT: Alternative Education Technology in Education According to NEP, online "NEP 2020- Orientation and Sensitization programme", 05-14 November 2024, Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, November 14, 2024.

333. Speaker in Panel Discussion on Artificial Intelligence and Cyber Security, AVEIR 2024, November 28 -29, 2024, Muscat, Oman, November 28, 2024.

334. Invited Talk on Cyber Security Impact on Society, "Faculty Induction Program", Malaviya Mission Teacher Training Centre, BPS , Khanpur Kalan, Sonepat, Haryana, December 1, 2024.

335. Invited Talk on ICT: Applications in Teaching and Learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi. December 18, 2024.

336. Keynote Speaker on Artificial Intelligence and its Real-World Applications, International Conference on Biotechnology, Pharmacology & Artificial Intelligence Innovations for Sustainable Development (ICBPAIISD-2024), RR Group of Institutions, AKTU, Lucknow & Bioverse Technologies Pvt. Ltd., Lucknow, December 20-21, 2024, Lucknow, UP, December 20, 2024.

337. Guest of Honour in Inaugural Function and Invited Talk, One-Week Winter Training Program on Integrating and Utilizing Sensors for IoT in Diverse Real-World Scenarios, Institute of Information Technology and Management, New Delhi, January 6, 2025.

338. Invited talk on AI based ICT for Teaching and Research, FDP on unlocking faculty potential, IITM, January 11, 2025

339. Invited Talk on Artificial Intelligence and Recent Technologies Applications in Real-Life, FDP on Reinventing Pedagogy in the Age of AI: Methods, Approaches and Perspectives, Jan 16-22, 2025, Maitreyi College, University of Delhi, New Delhi, January 21, 2025.

340. Invited Talk on ICT: Applications in Teaching and Learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi. January 25, 2025

341. Invited Talk on Artificial Intelligence using Mathematic and Recent Technologies Applications in Real Life, "Mathematics Society" of Shaheed Bhagat Singh College, University of Delhi, New Delhi, February 1, 2025.

342. Invited talk on Innovative Teaching, Learning and Assessment Strategies using ChatGPT & AI Tools, National Symposium on Empowering Faculty: Advancing Excellence for Next Generation Education, 30 Jan-5 Feb, 2025, Sharda University, Greater Noida, Feb 3, 2025.

343. Invited Talk on ICT: Applications in Teaching and Learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi. February 4, 2025.

344. Invited talk on Introduction to INTELLECTUAL PROPERTY RIGHTS (IPR), IITM, Delhi, February 8, 2025.

345. Invited talk on Applications of Artificial Intelligence and Recent Technologies in Real Life, One Week International Faculty Development Programme on Advances in Computing and IT Revolution (10th to 15th February 2025), Sharda University, Greater Noida, UP, February 15, 2025.

346. Keynote Speaker, Applications of Artificial Intelligence and Recent Technologies in Real Life, International Conference on Recent Trends in Intelligent Computing and Communication (ICRTICC-2025), Department of Computer Science and Engineering,

Galgotias College of Engineering & Technology, Noida, UP, India 20th and 21st February, 2025, February 20, 2025.

347. Invited talk on Applications of Generative Artificial intelligence , AICTE-approved Faculty Development Program (FDP) on Unleashing Generative AI: Techniques and Applications, 22nd Feb 2025 to 27th Feb 2025, Department of Computer Science and Engineering. KIET Group of Institutions, Delhi-NCR, Meerut Road (NH-58) Ghaziabad, UP, Feb 27th, 2025

348. Invited Talk on Practical Skills for Use of ICT in Teaching and Research, Online Training Programmes focused on Orientation and Sensitization, Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, Feb 27, 2025.

349. Invited Talk on ICT: Information Communication Technology in Teaching and Research, Malaviya Mission Teacher Training Centre, BPS, Khanpur Kalan, Sonepat, Haryana, February 28, 2025.

350. Invited Talk on Cloud Based E-Contents Development, Malaviya Mission Teacher Training Centre, BPS, Khanpur Kalan, Sonepat, Haryana, February 28, 2025.

351. Invited Talk on ICT: Applications in Teaching and Learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME organized by Hansraj College, University of Delhi, New Delhi and Dayanand College, Ajmer, Rajasthan, March 1, 2025.

352. Invited Talk on ICT: Applications in Teaching and learning According to NEP, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME, March 3-11, 2025, Aligarh Muslim University, New Delhi, March 4, 2025.

353. Honored to have been invited to serve as judge for Inter Faculty debate Competition 2025 on Artificial Intelligence and Legal System , Faculty of Law, JMI, New Delhi, March 5, 2025

354. Invited Talk on ICT: Applications in Teaching and Learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME organized by Hansraj College and Kalindi College, University of Delhi, New Delhi March 7, 2025.

355. Invited Talk on ICT: Alternative Education Technology in Education According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME organized by Hansraj College, University of Delhi, New Delhi March 18, 2025.

356. Keynote Speaker, Applications of artificial intelligence in real life and its future scope, 5th International Conference on "Emerging Trends and Technologies on Intelligent Systems" (ETTIS-2025)from 19th – 21st March 2025 , organized in association with Petroleum-Gas University of Ploiesti, Romania, the University of Haute-Alsace, France and the Northeastern University, USA & CDAC, Noida,Uttar Pradesh, March 19, 2025.

357. Guest of Honour, International Workshop on " Intellectual Property Right Novelty Analysis and Patent Grants ", Don Bosco Institute of Technology affiliated to IP University, New Delhi, March 22, 2025.

358. Invited Talk on Applications of ICT in Teaching and learning According to NEP, UGC-MMTTP NEP2020 ORIENTATION AND SENSITISATION PROGRAMME organized

by Hansraj College, University of Delhi, New Delhi and Maharaja Agrasen Institute of Management Studies (MAIMS, April 5, 2025.

359. Panel Discussion on Harnessing emerging technologies for sustainable development in the face of global crisis, 5th International Conference on ICT for Digital, Smart, and Sustainable Development (ICIDSSD '25)" on April 22-23, 2025, Department of Computer Science and Engineering, School of Engineering Sciences and Technologies, Jamia Hamdard, New Delhi, April 22, 2025.

360. Invited Talk on Artificial Intelligence Applications in Office Administration, Four-week Training Programme for Assistant Registrars/Section Officers and Administrative Staff of Jamia Millia Islamia, New Delhi from 21st April to 23rd May, 2025, Malaviya Mission Teacher Training Centre, Jamia Millia Islamia, New Delhi, April 24, 2025.

361. Invited Talk on Artificial Intelligence Applications in Data Science, Data Science, Amity Institute of Integrative Sciences and Health, Amity University, Manesar, Haryana, April 25, 2025.

362. Invited Talk on Applications of ICT in Teaching and learning According to NEP, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi and IILM University Gurugram, April 28, 2025.

363. Invited Talk on Applications of ICT in Teaching and learning According to NEP, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi, New Delhi, May 5, 2025.

364. Invited Talk on Applications of ICT in Teaching and learning According to NEP, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi and VIPs, New Delhi, May 26, 2025.

365. Panel discussion on Impact of Emerging Technologies on Communication and Security, 3rd INTERNATIONAL CONFERENCE on NETWORKS and CRYPTOLOGY, 29th-31st May, 2025, SCHOOL OF COMPUTER AND SYSTEMS SCIENCES, JAWAHARLAL NEHRU UNIVERSITY, NEW DELHI, INDIA, IEEE Conference, May 29, 2025.

366. Invited Talk on Applications of ICT in Teaching and learning According to NEP2020, UGC-MMTTP NEP ORIENTATION AND SENSITISATION PROGRAMME Hansraj College, University of Delhi and Maharaja Surajmal Institute of Technology, New Delhi, June 4, 2025.

367. Live Panels Discussion on AI revolution and Indian concern regarding malpractices of OpenAI and threats, DD Urdu , June 10, 2025.

PERSONAL INFORMATION:

Languages Known   English, Hindi, Urdu.

Areas of Interest   Artificial Intelligence, Cloud Computing, Big Data Analytics,

IoT, Database Management Systems, Multimedia Applications
& Computer Architecture & Digital Logic Design

Date of Birth	:	22nd Feb 1977
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REFERENCES:

1. **Prof. Talat Ahmad**
   Ex-Vice Chancellor,
   University of Kashmir, JK

2. **Prof. Vinod Sharma**
   Department of Computer Science and IT
   Jammu University, J&K

Date:……….   **Prof. Mansaf Alam**