CURRICULAM-VITAE

MOHAMMAD HAROON

Professor (Computer Science& Engineering)

Integral University, Lucknow

Uttar Pradesh, P.O 226026,

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Phone : +91-9369141300

+91-9628967304

Teaching Experience   : 20 years

EMPLOYEMNT PROFILE (ACADEMIC)

1. **PROFESSOR**

   (Computer Science & Engineering) Integral University Lucknow 226026 (From 22.03.2023 to till date).

2. **ASSOCIATE PROFESSOR**

   (Computer Science & Engineering) Integral University Lucknow 226026 (From 01.03.2015 to 21.03.2023).

3. **JR, ASSOCIATE PROFESSOR**

   (Computer Science & Engineering) Integral University Lucknow 226026 (From 01/08/2011 to 28/02/2015).

4. **ASSISTANT PROFESSOR**

   (Computer Science & Engineering) Integral University Lucknow 226026 (From 01/07/2009 to 31/07/2011).

5. **SR. LECTURER**

   (Computer Science & Engineering) Integral University Lucknow 226026 (From 26/08/2008 to 30/06/2009).

6. **LECTURER**

(Computer Science & Engineering) Integral University Lucknow 226026 (From 15/03/2004 to 25/08/2008).

ACADEMIC QUALIFICATION

Doctor of Philosophy (2017),

Computer Science and Engineering, Teerthankar Mahaveer University, Moradabad

Titled of PhD Thesis: Designing a frame work for Dynamic load balancing in distributed system

Master of Technology (2006)

Computer Science and Engineering, Allahabad agricultural Institute of Deemed University, Allahabad Grade (1st Division Hons).

Bachelor of Engineering (2003)

(Bachelor of Engineering in Computer Science and Engineering) From DR. BHIMRAO AMBEDKAR UNIVERSITY AGRA, Grade (1st Division Hons).

AICTE-UGC Special PG Examination (2018)

Successfully qualified PG- Engineering examination conducted by AICTE-UGC at **Motilal Nehru National Institute of Technology Allahabad.**

Examination passed/course completed from **INDIAN INSTITUTE OF TECHNOLOGY (NPTEL)**

i. Successfully completed /examination passed of Introduction to Machine Learning from IIT madras.

ii. Successfully completed /examination passed of Deep Learning from IIT madras.

iii. Successfully completed /examination passed of Computer Architecture and Organization from IIT madras**.**

iv. Successfully completed /examination passed of Introduction Soft Computing from IIT kharagpur .

v. Successfully completed /examination passed of Database Management System   from IIT kharagpur .

vi. Successfully completed /examination passed of Compiler Design system   from IIT kharagpur

SUBJECT TAUGHT (Under graduate Level)

1. Artificial Intelligence
2. Fuzzy logic
3. Neural Network

4. Computer Network

5. Theory of computing

6. Compiler Design

7. Data base management system

8. Computer Organization

9. Computer Architecture

10. Data structure Using C language

11. Data Analysis and algorithm

SUBJECT TAUGHT (Post graduate Level)

1. Advanced Computer architecture

2. Soft computing

3. Machine learning

4. Advanced Computer network

5. Advanced Artificial Intelligence

SUBJECT TAUGHT (PhD Course Work)

1. Soft Computing

2. Distributed System

PROFESSIONAL ACTIVITIES IN CORPORATE LIFE OF THE UNIVERSITY

1. ASSISTANT PROCTOR

Working as an Assistant proctor from 2015 to now

2. MANAGER (OUT REACH)

Advisor: working as an advisor of school outreach team of integral university, since 2017 to till now

Advisor :- Pandal Committee FIESTA from 2015 to now

Member: - Working as a team member of admission and counseling team from 2017 to now

Centre Head: Conducted various Entrance examination (all courses of integral university) from 2017 to now.

Member of the sports committee from the department of computer science and engineering between 2006 to 2015.

Member – Board of Studies, Department of Computer Science and Engineering

Member – Academic council, Department of Computer Science and Engineering

Member- Asset management committee, department of computer science and Engineering

Member- Disciple committee, department of computer science and Engineering

Observer – working as an observer of various competitive examinations organized by NTA, CBSE, Lucknow university, Babasaheb Bhim Rao university Lucknow and Integral University to the various center across the Uttar Pradesh , from 2017.

PROGRAM COORDINATOR

1. Working as program coordinator of evening courses (Combine to all Engineering Branch) integral university Lucknow, 226026, from 2010 to till now

2. Working as a coordinator of in house UGC net coaching from department of computer science and engineering and computer application department

3. Course taught in house UGC net coaching

   Automata theory, compiler design, database management system, artificial intelligence, operating system, software engineering

4. ORGANIZING COMMITTEE MEMBER.

Working as a key member of organizing committee to the various event of integral university like, convocation, annual fest, annual sport meet. From 2015.

ASSOCIATED WITH OTHER UNIVERSITY/ORGANIZATION

1. Appointed as a Paper setter/ Examiner/ Advisor in Rajasthan Public Service commission.

2. Appointed as an observer at various offline and online examination conducted by NTA, CBSE New Delhi.

3. Appointed as a Paper setter/ End semester examiner theory/practical in RML Awadh university, Faizabad.

4. Appointed as a Paper setter/ End semester examiner theory/practical in Lucknow University Lucknow.

5. Appointed as a Paper setter/ End semester examiner theory/practical in Baba Sahab Bhim Rao Ambedkar University , Lucknow .

PROFESSIONAL MEMBERSHIP:

      i.   IEEE computer society

     ii.   international association of engineer (IAENG)

   iii.   The Society of Digital Information and Wireless

          Communications.

   iv.   Computer Science Teachers Association

SUPERVISION & GUIDANCE

Ph.D. Thesis

S.NO	NAME OF CANDIDATE	TOPIC	STATUS
1	Wasim Khan	Design and develop a framework for anomaly detection in social network	Completed
2	Zeeshan Ali Siddiqui	Analysis of various issues in the use of block chain for enterprise distributed application	Completed
3	Malik Sahzad Ahmad	Design an energy efficient framework for distributed cloud system	In progress
4	Minhaj Khan	An enhanced mechanism for managing and mitigating risk in computational cloud environment	Completed
5	Faizan Ahmad	Machine learning based fault tolerance mechanism for distributed system	In progress
6	Garima Singh	Security framework for big data using block chain technology	In progress
7	Sangeeta Misra	A Framework For Security Constrain Optimization in Agile Requirement	Thesis submitted for evaluation

M.TECH DISSERTATIONS   **Awarded : 20**

S.NO	NAME OF CANDIDATE	TOPIC	Year of award
1	Shobhit Srivastava	Class-Keyword Method for information Extraction From Websites"	2013

2	Balmukund Maurya	Desing An Expert System For Crop & Variety Selection	2014
3	Amit Kumar Srivastava	A model for ERP system based on Artificial Intelligence (useIDSS) for developing student counseling management in higher Education	2013
4	Sanjeet Kumar	Mobile Security Enhanchment	2013
5	Gyanendra nath Dubey	Design and Analysis of Algorithm for Clustering in Mobile Ad-Hoc Network	2013
6	Pravesh Kumar Singh	A Statistical Approach For Opinion Mining: On Publishing Industry	2014
7	Sonal Khanna	Analysis And Evauation of Security Attacks And Its Impact on Diffrent Layers of Tcp/IpNetwork Model	2014
8	Mahesh Parsad Tiwati	Performance Analysis of Digital Watermaking Methods For Medical Image based on PSNRand MSE	2014
9	Upendra Chauhan	Session Initiation Protocol for wireless computing Devices-Performance Evaluation & Result analysis	2014
10	Sony pandey	NSGA based Optimization of Al-Mg Alloy Sheet Using laser Welding	2015
11	Abhishek Ranjan Pandey	Medical Image Watermarking for mobile Smart phones	2015
12	Himanshu Jethwani	Automatic Generation of voice from Text	2015
13	Brajesh Mishra	Information Security through Digital Image Steganography using Multilevel and Compression Technique'	2015
14	Abdul muttalib Khan	Security In Cloud Computing	2016
15	Ashish Kumar Panday	A Hybrid Approach For enriching Image Using Mamdani Neuro-fuzzy Technique and Its Comparative Analysis	2017
16	Arun Mani Tripathi	An Empirical Study Testability Measurement of object Software: Design Phase Perspective	2018
17	Harendra Singh Kharkwal	Automated Task Allotment in Unmanned Submarines by Smart Searching Algorithm	2018
18	Saman Khan	Distress Call Detection and Transmission of Event Information in Vanet	2018
19	Shriom Maurya	Development of Energy Proficient Cluster Based Routing Protocol For WSN	2019
20	Vineeta Mishra	Minimizing the size of Test Suite using Genetic	2019

		Algorithm for Object Oriented Program	
21	Anupma Shingh Yadar	High Performance Computing grid system	2019
22	SHADAB ALAM	CLOUD COMPUTING SANCTUARY PROBLEM AND STRATEGY	2019
23	Harendra Singh Kharkwal	Automated Task Allotment in Unmanned Submarines by Smart Searching Algorithm	2019
24	Nikhat Azhar	Load balancing in cloud computing; a new approach	2020
25	Mohammad Aalam khan	Question answering on the basis of textual data by using deep learning	2020
26	Mohammad Salman Husain	A FRAMEWOR FOR SECURITY PREVENTOON FROM VARIOUS ATTACKS ESPECILLY IN ONLINE E-TRANSACTION	2020
27	Azeem Nadeem	Designing a model speech synthesis hmm	2021
28	NAGMA	Detection Of Malicious Nodes In Wireless Sensor Network Through Neural Network	2021
29	Nida Khan	machine learning-based crowd detection and classification for safety control system	2022
30	Nayma Khan	Intelligent Hybrid Tourist Recommendations: Unifying Data Analysis and Machine Learning	2023

COURSES TAUGHT (UG and PG)

1. Fundamental of Information Technology

2. Information Storage And Management

3. Computer Organization & Architecture

4. Formal Language And Theory Of Automata

5. Compiler Design

6. Artificial Intelligence

7. Computer Architecture

8. Advanced Computer Architecture

9. Database Management System

10. Soft Computing

11. Software Engineering

12. Parallel computer

13. Fuzzy logic

14. Artificial neural network

RESEARCH PROJECT/ RESEARCH CONSULTANCY

1. Worked as CO PRINCIPAL INVESTIGATOR, along with PRINCIPAL INVESTIGATOR DR M.Z. KHAN in third party inspection /quality assurance and audit service for various project under Lucknow smart city limited, Lucknow
2. Applied a research project titled as "Dynamic Traffic Light Control system using Internet of Things and Artificial Intelligence" for seed money of **2.0 lacs** in INTEGRAL INFORMATION AND RESEARCH CENTRE (IIRC), INTEGRAL UNIVERSITY, LUCKNOW

BOOK CHAPTERS PUBLISHED

1. Mohd Haroon, Manish Madhav Tripathi, Faiyaz Ahmad, "application of machine learning in forensic science", IGI global USA, 2020.

2. Mohammad Haroon, MANISH MADHAVA TRIPATHI, Tamim Ahmad, Afsaruddin., "Improving the Health Care and Public Health Critical Infrastructure by Soft Computing an Overview", EAISICC Book Series, 2020.

3. Manish Madhav Tripathi, Mohd Haroon, Minsa Jafar, Mansi Jain, "Maxillofacial Surgery Using X-Ray Based Face Recognition by Elastic Bunch Graph Matching, 2010, page number 183 to193 Communications in Computer and Information Science Springer, Berlin, Heidelberg 18650929

4. Manish Madhava Tripathi, Mohammad Haroon, and Faiyaz Ahmad, "A Survey on Multimedia Technology and Internet of Things "multimedia technology in the internet of things enviroments", volume 2, springer

5. Zeeshan Ali Siddiqui and Mohd Haroon, "Application of artificial intelligence and machine learning in blockchain technology , Accepted for publication rocedia , computer science Elsevier.

6. Mohd Haroon, Manish Madhav Tripathi, Tamim Ahmad, and Afsaruddin , "Improving the Healthcare and Public Health Critical Infrastructure by SoftComputing: An Overview

7. Wasim Khan & Mohammad Haroon "A Pilot Study and Survey on Methods for Anomaly Detection in Online Social Networks" human centric smart computing

BOOK CHAPTERS COMMUNICATED FOR PUBLICATION:

1. Mohd Haroon Afsaruddin khan Manish Madhava Tripathi Shish Ahmad kalamuddin ahmad "Cyber Security Technique for Profound Analytic of Big Data using AI" Scopus index CRC book .
2. Mohd Haroon, Manish Madhava Tripathi, Afsaruddin, Shish Ahmad, Muhammad kalamuddin Ahmad ,Mohd Husain "Strategies for Cyber-Resilience: Combatting Advanced Persistent Threats in the Digital Age" scopus index Taylor &fransis.
3. Mohd Haroon[1] . Manish Madhav Tripathi[2] , Shish Ahmad[3] Mohd Husain[4] Critical Insights into Secure and Reliable Machine Learning for Healthcare Advancements" scopus index Conference

4. Mohd Haroon ,Afroz mokarim2 , Manish Madhava Tripathi Electrical energy and artificial intelligence: application of automation of industry, Scopus index Conference.
5. .

PUBLICATION INTERNATIONAL REFEREED JOURNAL

SCI/SCOPUS

1. Zeeshan Ali Siddiqui , Mohd. Haroon , "Research on significant factors affecting adoption of blockchain technology for enterprise distributed applications based on integrated MCDM FCEM-MULTIMOORA-FG method" Engineering Applications of Artificial Intelligence 118 (2023) 105699, www.elsevier.com/locate/engappai
https://doi.org/10.1016/j.engappai.2022.105699

2. WASIM KHAN , MOHAMMAD HAROON, AHMAD NEYAZ KHAN,

   MOHAMMAD KAMRUL HASAN   DVAEGMM: Dual Variational Autoencoder With Gaussian Mixture Model for Anomaly Detection, IEEE ACCESS

   Digital Object Identifier 10.1109/ACCESS.2022.3201332

3. Wasim Khan, Mohammad Haroon , An efficient framework for anomaly detection in attributed social networks, Int. j. inf. tecnol. (October 2022) 14(6):3069–3076

   https://doi.org/10.1007/s41870-022-01044-2

4. Wasim Khan , Mohammad Haroon , An unsupervised deep learning ensemble model for anomaly detection in static attributed social networks, International Journal of Cognitive Computing in Engineering https://doi.org/10.1016/j.ijcce.2022.08.002

5. Wasim Khana, Mohammad Haroonb , " An Exhaustive Review on State-of-the-art Techniques for Anomaly Detection on Attributed Networks" Turkish Journal of Computer and Mathematics Education, Vol.12 No.10 (2021), 6707 – 6722.

6. Azhar, Nikhat; Haroon, Mohd., "Dynamic load balancing by round robin and warshall algorithm in cloud computing" *International Journal of Innovative Technology and Exploring EngineeringOpen Access*Volume 8, Issue 9 Special Issue, Pages 953 - 963July 2019

7. Khan, Riyazuddin Haroon, Mohd, Husain, Mohd Shahid "Different technique of load balancing in distributed system: A review paper" ***Global Conference on Communication Technologies, GCCT 2015***Pages 371 - 37530 November 2015 Article number 7342686Global Conference on Communication Technologies, GCCT

8. Khan, A.M., Ahmad, S., Haroon, M. "A comparative study of trends in security in cloud computing" Proceedings - 2015 5th International Conference on Communication Systems and Network Technologies, CSNT 2015, 2015, pp. 586–590, 7279986.

9. Haroon, M., Husain, M., "Interest attentive dynamic load balancing in distributed systems" 2015 International Conference on Computing for Sustainable Global Development, INDIACom 2015, 2015, pp. 1116–1120, 7100421.

10. Srivastava, S., Haroon, M., Bajaj, A. Web document information extraction using class attribute approach, Proceedings - 4th IEEE International Conference on Computer and Communication Technology, ICCCT 2013, 2013, pp. 17–22, 6749596.

INTERNATIONAL JOURNALS AND CONFERENCE

1. Mohd Haroon, Mohd Husain, Manish Madhav Tripathi, Tameem Ahmad, Vandana Kumari, "Server Controlled Mobile Agent", Volume 11 Issue 4, 2010/12, IJCA.

2. Manish Madahav Tripathi, Mohd Haroon, Minsa Jafar, Mansi Jain, "Maxillofacial Surgery Using X Ray based Face Recognition by Elastic Bunch Graph Matching, International Conference Of Contempory Computing 2010.

3. Mohammad Husain Mohammad Haroon, "Different Types of Systems Model For Dynamic Load Balancing", Vol2 Issue 3, International Journal Of Engineering Research Technology, 2013.

4. Mohd Haroon, Mohd Husain, "Analysis of Dynamic Load Balancing In Multiprocessor System", International Journal Of Computer Science And Engineering And Information Technology And Research Volume3, Issue 1, 2013.

5. Mohd Haroon, Mohd Husain, AA Zilli, Mohd Kalamuddin, "appearance determine interest attentive load balancing algorithms", International Journal of Engineering Technology, Management and Applied Science, volume 2 issue 7, ISSN 2349-4476, 2014.

6. Mohd Haroon Ashwani Singh, Mohd Arif, "Routing Misbehabiour In Mobile Ad Hoc Network", Volume 4, issue 5, 2014/10, IJEMR.

7. Dr. Shish Ahmad Abdul Muttalib Khan, Mohd. Haroon Khan, "Security In Cloud By Diffie Hellman Protocol", International Journal Of Engineering And Innovative technology (IJEIT), Volume 4, Issue 5, November 2014.

8. Abdul Muttalib Khan, Mohd Haroon Khan, Shish Ahmad , "Security in Cloud by Diffie Hellman Protocol", international Journal of Engineering and Innovative Technology(IJEIT Volume 4,Issue 5, November 2014.

9. Mohd. Haroon Mahesh Prasad Tiwari,Manish Madhava Tripathi, "Comparative Analysis of Digital Watermarking Methods for Medical Images based on PSNR and MSE", Issue 2, Volume, 2015/12, International Journal for Innovations in Engineering, Science and Management.

10. Kavita Agarwal Mohd Haroon, Ashish Pandey, "A Hybrid Approach for Enriching Image using Mamdani Neuro - Fuzzy Technique and its Comparative Analysis", issue 19, vol 121, IJCA 2015.

11. AM Khan, S Ahmad, Mohd Haroon , "A Comparative Study of Trends in Security in Cloud Computing", Fifth International Conference on Communication Systems and Network,2015

12. Mohd Haroon, Mohd Husain, AA Zilli, " Artificial Intelligence Technique Used In Heterogeneous System For Load Balancing", 4th international conference on emerging trends in engineering and technology, Teerthankar Mahaveer university , Moradabad, 2015.

13. Afsaruddin, Mohd Haroon, Riyazuddine, Mohd Shahid, "Adjacent Selection Method For Load Balancing In Distributed Network By Artificial Intelligence", Vol 4, Issue 8, International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering, 2015.

14. Falak Khursheed, Mohd Haroon, Jameel Ahmad, "software quality model: comparative study" ACEIT conference preceding 2016, IJCSIT, VOLUME 3, ISSUE 2, 2016 .

15. Mohd Haroon, Mohd Husain, "Decentralized Load Balancing in Heterogeneous Distributed System" International Journal Of Computer Science And Engineering, volume 5 issue 16,2016.

16. Mohammad Haroon1 & Mohammad Husain2, "Dynamic Load Balancing in Distributed Systems By AI Agent", International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR) Vol. 6, Issue 1, Feb 2016, 35-42.

17. Mohd Haroon Shriom Maurya, Dr. Shish Ahmad, "Optimization and Performance Analysis of AODV Routing Protocol in MANET Using AI", ijcsit, volume 3, issue 2, 2016

18. Mohd haroon, umesh prasad, "a framework for task scheduling in distributed system" , international journal of computer science and engineering volume 6, issue 3 ,2017.

19. Mohd. Haroon NikhatAzhar, "Dynamic Load balancing by Round Robin and Warshall Algorithm in Cloud Computing" , Volume 10, Issue 10, 2019.

20. Mohd Haroon , Mohammad Aalam ,. Suaib Ahmad , "Deep Learning Based Question Answering System: A Review", Volume 4 , issue 7,2019.

21. Mohd. Haroon, Nikhat Azhar, "A Novel Method for Load Balancing In Cloud Computing: Round Robin with Floyd-Warshall Algorithm", International Journal of Science and Research (IJSR), volume 8, issue 7 , 2019.

22. Harendra Singh Kharkwal, Mohd Haroon , "Automated Task Allotment in Unmanned Submarines by Smart Searching Algorithm", International Journal of Research and Development in Applied Science and Engineering (IJRDASE), volume 13, issue 2, 2017.

23. Mohammad Haroon Dr Mohammad Husain , "Decentralized Load Balancing In Heterogeneous Distributed Systems Using Training Based Approach", Volume 1, International Journal of Computer Science and Engineering (IJCSE) , 2018.

24. Mohd Haroon Anupma Singh Yadav, "performance enhancement in grid system", international journal of advanced research in computer science, volume 9, issue2, 2018.

25. Mohd Salman Husain, Mohd Haroon, "A review of information security from consumer perspective especially in online transaction", international journal of engineering management research, volume 10, issue4, august 2020.

26. Mohd Salman Husain, Mohd Haroon, "An enrich information security framework from various attacks in the IOT", international journal of innovative research in computer science and technology, volume8, issue 3 2020.

 27.   Wasim Khan, Mohammad Haroon An Exhaustive Review on State-of-the-art Techniques for Anomaly Detection on Attributed Networks, Turkish Journal of Computer and Mathematics Education Vol.12 No.10 (2021), 6707 – 6722

28. Wasim Khan , Mohammad Haroon An unsupervised deep learning ensemble model for anomaly detection in static attributed social networks, International Journal of Cognitive Computing in Engineering Received 21 July 2022; Received in revised form 7 August 2022; Accepted 7 August 2022 ,Available online 11 August 2022

29. Wasim Khan1 · Mohammad Haroon1 , "An efficient framework for anomaly detection in attributed social networks", Int. j. inf. tecnol. (October 2022) 14(6):3069–3076

    i.   https://doi.org/10.1007/s41870-022-01044-2

30. WASIM KHAN , MOHAMMAD HAROON, AHMAD NEYAZ KHAN, "DVAEGMM: Dual Variational Autoencoder With Gaussian Mixture Model for Anomaly Detection on Attributed Networks

        i.   Digital Object Identifier 10.1109/ACCESS.2022.3201332

IEEE XPLORE / SPRINGER PUBLICATION:

1. Manish Madhav Tripathi, Mohd Haroon, Minsa Jafar, Mansi Jain, "Maxillofacial Surgery Using X-Ray Based Face Recognition by Elastic Bunch Graph Matching", Contemporary Computing.

2. Mohammad Haroon, Mohd Husain, "Interest Attentive Dynamic Load Balancing in distributed systems", Publisher IEEE, 2015/3/11.

3. Mohd Haroon ,Abdul Muttalib Khan, Shish Ahmad, "A Comparative Study of Trends in Security in Cloud Computing", Publisher IEEE, 2015/4/4.

4. Mohd Haroon, Riyazuddin Khan, Mohd Shahid Husain, "Different technique of load balancing in distributed system: A review paper", Publisher IEEE 2015/4/23.

5. Mohd Haroon ,Shobhit Srivastava, Anu Bajaj, "Web document information extraction using class attribute approach", Publisher IEEE , 2013/9/2. *DOI*: 10.1109/ICCCT.2013.6749596

6. Mohd Haroon, Parvez Mahmood Khan Mohd Atif Kaleem, "Real time job scheduling in distributed system using artificial intelligence technique" publisher IEEE XPOLORE 2017

7. Shadab Alam, Mohd Haroon , " Cloud Computing Sanctuary Problem And Strategy" publisher IEEE XPLORE, 2018

PAPER PUBLISHED/PRESENTED:

NATIONAL CONFERENCE

1. "Future Technologies for Rural Internet Access" published in National conference organized by Department of Computer Science & Engineering, Shri Ram Murti Smarak College of Engineering &Technology, Bereilly Vol 1 page number 50-54 .

2. "An Improved Data Compression Technique Using Huffman Coding" published in National Conference organized by Department of Computer Science Engineering, Shri Ram Murti Smarak College of Engineering &Technology, Bereilly . Vol 1 page number 60-65.

3. "Data Mining is More Than Statistics" published in National conference organized by Department of Computer Science & Engineering, Shri Ram Murti Smarak College of Engineering &Technology, Bereilly Vol 1 page number 70-65

4. "A General frame work of wireless sensor network" published in National conference organized by Department of Computer Science &Engineering, Integral University, Lucknow Vol 1 page number 70-75

5. "Remote Sensing and GIS Application", published in National conference organized by Department of Computer Science &Engineering, Integral University, Lucknow Vol 1 page number 80-88

6. "A peer to Peer Architecture for Resource Discovery" published in National conference organized by Department of Computer Science &Engineering, Integral University, Lucknow Vol 1 page number 60-65

7. "Thread of Network Security" published in National conference organized by Department of Computer Science &Engineering, Integral University , Lucknow Vol 1 page number 60-65

8. "Transparency in Context Aware mobile Computing for Educational Environment" published in National conference organized by Department of Computer Science &Engineering, Azad Institute of Engineering and Technology, Lucknow Vol 1-page number 60-65

WORKSHOP/ STC / TANNING/ SEMINAR/ FDP/PDP :

1. Attended a workshop on "Storage Device" at Amity University Noida Organized by EMC2

2. Attended a seminar on "Rational Rose" at Integral University Lucknow organized by IBM

3. Attended a Training on "Web Based Programming" at Institute of Engineering & Technology Lucknow organized by IBM

4. Attended workshop on research methodlogy "At Teerthankar Mahaveer University Moradabad" Organized by TMU.

5. Attended one day seminar on MATLAB organized by dept of EC integral university, Lucknow.

6. Attended one day workshop on intellectual property system: india today and tomorrow , organized by dept of bio Engg integral university, Lucknow

7. Attended one day workshop on Unicon PLC automation organized by dept EC integral university, Lucknow

8. Attended four day national level workshop embedded system organized by dept of EC integral university, Lucknow

9. Attended two day national level workshop MATLAB organized by dept of CSE integral university, Lucknow

10. Attended five day national level workshop embedded system organized by dept of EC integral university, Lucknow

11. Attended seven day national level workshop ANDROID development with HTML organized by pt of CSE integral university, Lucknow

12. Attended seven day national level workshop embedded system organized by dept of EC integral university, Lucknow

13. Attended four-day national level workshop oil conservation organized by dept of CIVIL Engg integral university, Lucknow

14. Attended two day national level workshop communication Engg and Image processing organized by dept of EC integral university, Lucknow

15. Attended two day national level workshop ARM and MSC machine organized by dept of EC integral university, Lucknow

16. Faculty development program on Communication skill theory and Practice, dept of language integral university Lucknow 14-25 june 2021.

17. Faculty development program on Information storage and management introduction to big data, Dept of computer science and engineering amity university lucknow

18. AICTE Recognized Faculty Development Programme, Foundations of Blockchain Technology, 27/07/2020 to 31/07/2020 (One Week), Computer Science and Engineering Department NITTTR, Chandigarh

19. Centre for Academic Leadership and Education Management (CALEM) Campus Sustainability organized by CALEM, at the UGCHRDC, Aligarh Muslim University, Aligarh from 16 February2021 to 22 February 2021.

20. Refresher course on national education policy (NEP2020) , integral university lucknow, from 24 feb 2021 to 31 march 2021.

21. National Webinar on Challenges of Energy for Sustainable Development" IEI Chapter of Electronics & Communication Engineering and Department of Electrical Engineering, BBDNIIT on July 19, 2020.

22. webinar on "INDIAN SPACE PROGRAMME: A JOURNEY" IEI Chapter of Electronics & Communication Engineering and Department of Electrical Engineering, BBDNIIT on July 26, 2020.

23. National level E-Quiz on "Plagiarism Awareness- Research & Academic Ethics" organized by the Faculty of Doctoral Studies & Research and Faculty of Computer Application in association with Indian Society for Technical Education on 21 July 2020.

24. Yogathon 2020" (Online Quiz) on the occasion of International Yoga Day organized by the Department of Computer Application, Integral University, Lucknow on 21st June 2020.

25. International E -Workshop on Angular JS, on 26th June 2020 organised by the Revolution Software Development Club under the Dept. of Computer Engineering, Vishwakarma University, Pune in association with NYCI & Brainovision Solutions India Pvt. Ltd. with world record of 16,243 tenacious participants worldwide

26. "Global Navigation Satellite System" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 14-09-2020 to 25-09-2020 (Total course duration = 10 hours and 30 minutes) .

27. Online One Week International Faculty Development Program on " Post Pandemic Scenario Building using AI, ML and Optimization Techniques" held from 10th - 14th July, 2020 organised by KDK College of Engineering, Nagpur.

28. Free Software and Resources for Technical Education through ICT conducted by Computer Science and Engineering Department from 21.03.2022 to 25.03.2022 (One Week)

29. AICTE sponcered QIP short term course"Data Analytics and its Applications in Industries" Department of Computer Science and Engineering & Department of Electrical Engineering IIT (BHU), Varanasi 14-26 Dec 2020

30. faculty development program on "Cloud Infrastructure & Services V" Department of CS&E, Integral University, Lucknow in association with EMC Center of Excellence (21-23rd July, 2016)

31. NPTEL-AICTE Faculty Development Program , computer organizatipn and architecture A Pedagogical aspect jan-april2021 from IIT Madras.

32. NPTEL-AICTE Faculty Development Program , Database management System jan-april2021 from IIT Madras.

33. National Webinar on "Impact of Covid-19 Pandemic in World's Population Dynamics" on 14th, july, 2020 at D.B.S.COLLEGE GOVIND NAGAR,KANPUR, UTTAR PRADESH

34. Online six week faculty development program on disruptive technology in engineering and research, Dept of electronic communication engineering Integral university lucknow

35. Deliver a lecture at our university as part of the Six Week Online Faculty Development Programme (FDP) on **"Disruptive Technologies in Engineering & Research"** from April 12, 2021 to May 21, 2021 powered by IEEE and Institute of Engineers Student Chapter on May 11, 2021.

36. inviting you to Deliver a lecture at our university as part of the Six Week Online Faculty Development Programme (FDP) on **"Disruptive Technologies in Engineering & Research"** from April 12, 2021 to May 21, 2021 powered by IEEE and Institute of Engineers Student Chapter on May 19 & 20, 2021.

37. "Basic Principles of Remote Sensing Technology" which was conducted by Indian Institute of Remote Sensing (IIRS),ISRO Dehradun, during 13-04-2020 to 25-04-2020

38. One Week International Webinar on Industry4.0: Artificial Intelligence & Related Technology in the duration from July 6, 2020 to July 10, 2020 as a Participant, conducted by Department of Electronics & Communication Engineering, Integral University, Lucknow

39. CSV-22-05 Internet of Things (Run-1)" from 15 July 2022 to 1 August 2022

40. seven day Faculty Development Programme (FDP) on MATLAB held from 1st to 7th February 2016, at Integral University, Luckuorw Ihe event was ogranized by the Department of Electronics & Communication, Faculty of Engineering, under the gis of Academic Staff College, Integral University with Technical Collaboration from CETRA Infotech Pvt. Ctd, Lucknorw

41. Computer vision the Artificial intelligence for an eye, dept. of computer science and engineering, Indian institute of technology Indore. From 21-26 Feb 2022.

42. NPTEL-AICTE Faculty Development Program , introduction to soft computing jan-april2021 from IIT Madras.

43. Core Java Training with CloudSim Implementation using Eclipse organized by Department of CSE in Collaboration with iNuture Education Solisrion Pot. Ltd. from 22nd-24th March 2018.

44. "Global Navigation Satellite System" conducted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun during 14-09-2020 to 25-09-2020 (Total course duration = 10 hours and 30 minutes) .

45. Webinar on Image Processing & Its Applications Department of Computer Science & Engineering, BBD University in association with The Institution of Engineers, India on July 26, 2020.

46. Online AICTE Recognized Faculty Development Programme On Applications of IoT from 16/06/2020 to 20/06/2020 (One Week) Organized by Computer Science and Engineering Department NITTTR, Chandigarh

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I hereby declare that the above information is correct to the best of my knowledge.

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