

Dr. Tauseef Ahmad

Head, Department of Information Technology

Rajkiya Engineering College Azamgarh



CURRENT POSITION	Assistant Professor & Head of Department Department of Information Technology, Rajkiya Engineering College, Azamgarh (AICTE Approved College of Uttar Pradesh Government)
CONTACT INFORMATION	Department of Information Technology, Rajkiya Engineering College, Deogaun, Azamgarh, U.P., INDIA- 276201. Mob. +91-7417626545 tauseefahmad@zhcet.ac.in, tauseefahmad1985@gmail.com
RESIDENTIAL ADDRESS	Altamash Paper & Board Mills, P.O. Gauri Bazar, Dist. Deoria, U.P., INDIA- 274202. +91-7417626545
RESEARCH INTERESTS	Computer Networks, Wireless Ad-Hoc Networks, Wireless Sensor Networks (Localization, Target Tracking, Energy Efficiency), Image Processing.
EDUCATION	Aligarh Muslim University , U.P., India. Ph.D. , Computer Networks, (2020) <ul style="list-style-type: none">• Thesis Topic: <i>Target Tracking in Wireless Sensor Networks.</i>• Supervisor: Prof. Ash Mohammad Abbas, Ph.D. M.Tech. , Computer Science & Engineering, (2013). First (Honors)- <ul style="list-style-type: none">• Dissertation Topic: <i>Performance Evaluation of Long Term Evolution for Wireless Networks.</i>• Supervisor: Prof. Ash Mohammad Abbas, Ph.D. B.Tech. , Computer Engineering, (2010). First- <ul style="list-style-type: none">• Project Topic: <i>Performance Evaluation Multimedia over Ad-Hoc Networks.</i>

- Supervisor: Mr. M. Inamullah

WORK EXPERIENCE	<p>Assistant Professor 8th Dec 2017 to till date Department of Information Technology, Rajkiya Engineering College, Deogaun, Azamgarh U.P., INDIA.</p> <p>Guest Faculty 10th Sep 2013 to 9th Feb 2014 Department of Computer Engineering, Z.H. College of Engineering and Technology, Aligarh Muslim University, Aligarh, INDIA.</p> <p>Assistant Professor (Ad-Hoc) 24th Aug 2013 to 9th Sep 2013 Department of Computer Engineering, Z.H. College of Engineering and Technology, Aligarh Muslim University, Aligarh, INDIA.</p>
OTHER EXPERIENCES	<p>Teaching Assistant July 2015 to Dec 2017</p> <p>Teaching Assistant July 2011 to May 2013 Department of Computer Engineering, Z.H. College of Engineering and Technology, Aligarh Muslim University, Aligarh, INDIA.</p>
INSTITUTIONAL RESPONSIBILITIES	<ul style="list-style-type: none"> • Assistant Registrar, REC Azamgarh 15th April 2021-Till date • Member, Internal Quality Assurance Cell, REC Azamgarh Dec 2020-Till date • Coordinator, DDQUIP College ERP Development, REC Azamgarh Oct 2020-Till date • In-Charge, Sports and Cultural Activities, REC Azamgarh July 2020-Till date • Assistant Registrar, REC Azamgarh 2nd March 2020-10th April 2020 • HoD, Department of Information Technology, REC Azamgarh 01st Jan 2019-Till date • Member, Academic Committee, REC Azamgarh Jan 2019-Till date • In-Charge, Sports and Cultural Activities, REC Azamgarh Dec 2017-Feb 2020 • Member, Proctorial Team, REC Azamgarh Dec 2017-Till date • Member, Controller of Examination, REC Azamgarh March 2018- June 2018 • Coordinator, Computer Center, REC Azamgarh June 2018-Till date

- **Member, SC & ST Welfare Committee,**
REC Azamgarh June 2018-Till date
- **Member, Coordination and Twinning,**
REC Azamgarh June 2018-Till date
- **In-Charge, Virtual Class Room,**
REC Azamgarh Sept 2018-Till date
- **Departmental Procurement Coordinator,**
REC Azamgarh Nov 2018-Till date
- **Computer Centre Procurement Coordinator,**
REC Azamgarh Nov 2018-Till date
- **SPOC, ERP Development,**
REC Azamgarh May 2019-Till date
- **Member, Central Library Committee,**
REC Azamgarh May 2019-Till date

- OTHER RESPONSIBILITIES
- Member, Departmental Research committee. 2018
 - Member, Departmental Moderation committee. 2018
 - Minority nominee for Local Selection Committee. 2018
 - Member for various committee for inventory verification. 2018 & 2019
 - External Practical Examiner cum Observer for NIELIT. Feb. 2019
 - Centre Controller for UPSEE-2019. 2019
 - Class Coordinator, IT Final Year. 2019-20, 2020-21
 - Project Coordinator, IT Final Year. 2019-20, 2020-21
 - Paper setter for other universities and colleges. 2019, 2020
 - BoS member for Department of Information Technology, Government College of Engineering Karad, Pune (MH). 2021

- SUBJECT TAUGHT
- B.Tech.**
- Operating Systems
 - Data Structures
 - Computer Architecture
 - Computer Networks
 - Software Engineering Lab
 - Operating System Lab
 - Selected Topics in Computer Engineering
 - Data Structure Lab
 - Computer Networks Lab
 - PPL Lab
- M.Tech.**
- Software Engineering Lab

- TECHNICAL SKILLS
- **Languages:** C, HTML, Python, MatLab.
 - **Platforms:** UNIX, Windows, Ubuntu.
 - **Simulators:** NS2, Boson NetSim, GNS3.

- Proficient in LaTeX documentation.

AWARDS AND ACHIEVEMENTS	• UGC-NET	December-2014
	• UGC-NET	June-2014
	• Maulana Azad National Fellowship during Ph.D.	April-2014
	• UGC-NET	December-2013
	• GATE	Feb-2011

FELLOWSHIPS AND SCHOLARSHIPS	• MANF fellowship during Ph.D.
	• GATE fellowship during M.Tech. program.
	• Merit Cum-Means Scholarship during B.Tech. program.

PROFESSIONAL MEMBERSHIP	• IEEE Student Membership.	till 2018
	• International Association for Engineers (IAENG).	
	• Life Member, Institute for Doctors, Engineers, and Scientists (IDES).	

SESSION CHAIR/REVIEWER /PC MEMBER	• Session Chair , International Conference on Artificial Intelligence and Sustainable Engineering (AISE 2020), Springer Conference , National Institute of Technology Goa, India.	19 th January 2021.
	• PC Member , International Conference on Time Series and Forecasting-ICTISE-2021, Springer Conference .	2021
	• PC Member , International Conference on Electrical and Electronics Engineering-ICEEE-2021, Springer Conference .	2021
	• Organizing Committee Member , REC-CON-2019, International Conference .	2019
	• PC Member , SMART-2019, IEEE Conference .	2018-2019
	• PC Member , 2 nd International Conference on Data & Information Sciences (ICDIS-2019), Springer Conference .	2019
	• PC Member , 3 rd International Conference on Smart Innovations & Communication and Computational Sciences (ICSICCS-2019), Springer Conference .	2019
	• PC Member , International Conference on Computational Intelligence & Communication Technology (CICT-2019), Springer Conference .	2019
	• PC Member , International Conference on Data and Information Sciences (ICDIS-2019), Springer Conference .	2019
	• Member, Outreach committee , 5 th International Conference on Recent Trends in Computing (ICRTC-18).	2018
	• Reviewer , International Conference on Computational and Characterization Techniques in Engineering & Sciences (CCTES)- IEEE Conference .	2018
	• PC Member , RACCCS, Springer Conference .	2018
	• PC Member , International Conference on Data and Information Sciences	

- (ICDIS-2018), **Springer Conference.** 2018
- **PC Member**, ICSICCS, **Springer Conference.** 2018
- **Reviewer**, International Conference on Advancement in Computer Engineering and Information Technology (ACEIT)- **Springer Conference.** 2018
- **Reviewer**, Advancements in Information Security (RAIS)- **Springer Conference.** 2016
- **Reviewer**, International Conference on Computer & Communication Technologies (IC3T-2016) - **Springer Conference.** 2016

CONFERENCE
ATTENDED

1. **Presented** paper entitled “iGarbage: IoT based Smart Garbage Collection System”, in *International Conference on Computing in Engineering and Technology (ICEET-2021)*, Dr.Babasaheb Ambedkar Technological University , Lonere, Maharashtra, 30-31 January, 2021.
2. **Presented** paper entitled “DfakeTect: A Review on Deepfake Detection System”, in *International Conference on Convergence of Smart Technologies (IC2ST-2021)*, 09-10 January, 2021.
3. **Presented** paper entitled “EnergyEC: An Artificial Bee Colony Optimization Based Energy Efficient Cluster Leader Selection for Wireless Sensor Networks”, in International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM-2020), Amity University, Jaipur, January 20th-22nd, 2020.
4. **Presented** paper entitled “EEAC: An Energy Efficient Adaptive Cluster based Target Tracking in Wireless Sensor Networks”, in International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM-2020), Amity University, Jaipur, January 20th-22nd, 2020.
5. **Presented** paper entitled “Study of Multimedia Streaming Over 4G LTE”, in *International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019)*, IEEE Conference, SCSV Mahavidyalaya, Tamil Nadu, India, March 30th-31st, 2019.
6. **Presented** paper entitled “Performance Analysis of Video Traffic over LTE”, in *International Conference on Advanced Computing and Software Engineering (ICACSE-2016)*, IEEE Conference, KNIT Sultanpur, India, October 14th-15th, 2016.
7. **Presented** paper entitled “CSplineT: A Cubic Spline Based Target Tracking Protocol for Wireless Sensor Networks”, in *International*

Conference on Information Technology (InCITE-2016), IEEE Conference, Amity University, Noida, India, 06th- 07th October, 2016.

8. **Presented** paper entitled “ObTraP: An Object Tracking Protocol for Wireless Sensor Networks”, in *2nd International Conference on Computing computation and Automation (ICCCA-2016)*, IEEE Conference, Galgotias University, Greater Noida, India, 29th-30th April, 2016.
9. **Presented** paper entitled “UOCR: A Ligature Based Approach for an Urdu OCR System”, in *10th INDIACom, International Conference on Computing for Sustainable Global Development (INDIACom-2016)*, IEEE Conference, BVICAM, New Delhi (INDIA), 16th-18th March, 2016.
10. **Presented** paper entitled “Delay and Throughput of Long Term Evolution under TCP Traffic”, in *12th IEEE India International Conference (INDICON-2015)*, IEEE Conference, Jamia Millia Islamia, New Delhi, India, 17th- 20th December, 2015.
11. **Presented** paper entitled “Using the concept of Multi-Threaded Programming Preparing the Object Oriented Design Model”, in *International Conference on Emerging Trends and Technology (ICETT-2012)*, Indore, Madhya Pradesh, India, 15th- 16th December, 2012.

WORKSHOP
ORGANIZED/
ATTENDED

1. **Attended** Four week Induction/Orientation Programme for “**Faculty in Universities/Colleges/Institutes of Higher Education**” organized by Teaching and Learning Centre, Ramanujan College, University of Delhi from 15th March to 14th April, 2021.
2. **Attended** One week AICTE Training And Learning (ATAL) Academy Online FDP on “**Data Sciences**” organized by University College of Engineering, Osmania University from 22nd Feb. to 26th Feb., 2021.
3. **Attended** One week faculty development programme on “**Neural Networks and CNN**” organized by NITTTR Chandigarh on 11th May to 15th May, 2020.
4. **Attended** One week faculty development programme on “**Linux Applications in Engineering Education**” organized by NITTTR Chandigarh on 27th April to 1st May, 2020.
5. **Organized** five days Faculty Development Programme on “**Digital Forensics and Security Research**” as **Convenor** at Department of Information Technology, Government College of Engineering, Karad, Pune in collaboration with Department of Information Technology, Rajkiya Engineering College, Azamgarh on 25th April to 29th April, 2020.

6. **Organized** two days online Faculty Development Programme on “**Innovative Trends and Techniques in Computer Science**” as **Convenor** at Department of Information Technology, Rajkiya Engineering College, Azamgarh in collaboration with Department of Information Technology, Government College of Engineering, Karad Pune on 20th April to 21st April, 2020.
7. **Attended** One week faculty development programme on “**Latest Wireless and Computing Technologies**” organized by NITTTR Chandigarh on 14th April to 18st April, 2020.
8. **Attended** One day Workshop on “**Gender Sensitization and Women Empowerment**” organized by REC Azamgarh and SPIU-UP on 18th February, 2020.
9. **Attended** One day Workshop on “**Problem Based and Project Based Learning**” organized by REC Azamgarh and SPIU-UP on 18th February, 2020.
10. **Organized** five days Faculty Development Programme on “**Bio-inspired Algorithms in Engineering Optimization**” as **Convenor** at Department of Information Technology, Government College of Engineering, Karad, Pune in collaboration with Department of Information Technology, Rajkiya Engineering College, Azamgarh on 16th December to 20th December, 2019.
11. **Attended** five days faculty development programme on “**Application of Optimization Methods in Engineering**” organized by Department of Civil Engineering, Rajkiya Engineering College, Azamgarh on 05th-09th August, 2019.
12. **Organized** one day seminar on “**Need of Value Education and Professional Ethics**” as **Convenor** at Department of Information Technology, Rajkiya Engineering College, Azamgarh on 02nd August, 2019.
13. **Attended** one week workshop on “**Emerging Trends in IoT and Discrete Process Modelling, Simulation and Optimization**” organized by Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 30th March- 03rd April, 2019.
14. **Organized and Participated** in one week workshop on “**Current Trends in Integration of IoT with Blockchain Technology**” as **Convenor** at Department of Information Technology, Rajkiya Engineering College, Azamgarh on 11th-15th March, 2019.

15. **Attended** one week workshop on “**IoMT.IoT and Medical Technologies**” at Department of Information Technology, Government Engineering College, Pune, India on 11th-15th December, 2018.
16. **Organized** one week workshop on “**Big Data Analysis using Hadoop**” as a **Coordinator** at Department of Information Technology, Rajkiya Engineering College, Azamgarh on 9th-13th October, 2018.
17. **Attended** one week workshop on “**Corporate Expectation and Academia**” organized by Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 15th- 19th September, 2018.
18. **Attended** one week workshop on “**Start-Up Summit**” organized by Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh on 4th- 8th September, 2018.
19. **Attended** three days workshop on “**Entrepreneurship Awareness Camp**” organized by Rajkiya Engineering College, Azamgarh on 19th- 21th April, 2018.
20. **Attended** two days workshop on “**Outcome Based Education**” organized by Rajkiya Engineering College, Azamgarh on 16th- 17th March, 2018.
21. **Attended** one week workshop on “**Machine Learning and Big Data Analytics**” organized by Department of Computer Engineering, Z. H. College of Engineering and Technology, Aligarh Muslim University, Aligarh on 4th- 10th March, 2018.
22. **Attended** one week workshop on “**Web Development using PHP**” organized by Computer Engineering, Electrical Engineering Section, University Polytechnic, Faculty of Engineering and Technology, Aligarh Muslim University, Aligarh on 11th- 16th September, 2017.
23. **Organized** and attended one day workshop on “**Publishing in High Impact Journals**” organized by Z. H. College of Engineering and Technology, Aligarh Muslim University, Aligarh on 25th April, 2017.
24. **Attended** one day workshop on “**Career Orientation Program for Research Scholars**” organized by Department of Chemical Engineering, Z.H.C.E.T. and Training and Placement Office (General), Aligarh Muslim University, Aligarh on 10th April, 2017.
25. **Attended** one day workshop on “**Introduction to Data Science using Satistica**” organized by Department of Computer Engineering, Z.H.C.E.T., Aligarh Muslim University, Aligarh on 6th March, 2017.

26. **Attended** one day workshop on “**Author Workshop**” jointly organized by **Springer Nature** and Aligarh Muslim University, Aligarh on 3rd November, 2016.
27. **Organized** and attended one week workshop on “**Big Data and Soft Computing: Techniques and Applications**” Organized by Department of Computer Engineering, ZHCET, A.M.U., Aligarh from 05th- 09th October, 2016.
28. **Attended** one day workshop on “**Make in India: Opportunities and Challenges for Engineers (MIOCE)**” Organized by Electrical Engineering Section, University Polytechnic, Faculty of Engineering and Technology, A.M.U., Aligarh on 28th March, 2016.
29. **Attended** one week workshop on “**Advance Embedded System**” as a *Volunteer*, jointly organized by Department of Computer Engineering & Electronics Engineering, A.M.U., Aligarh from 29th Feb. to 4th March, 2016.

BOOKS/BOOK
CHAPTERS

1. **Tauseef Ahmad**, “A Ligature Based Urdu OCR System”, Lambert Academic Publishing, Germany, ISBN: 978-3-330-32020-8. **Editor:** Ecaterina Focsa.(2016)
2. Z. Noorain, M. J. Ansari, M. S. Khan, **T. Ahmad**, and M. A. Haque “iGarbage: IoT based Smart Garbage Collection System”, in *Applied Information Processing Systems Advances in Intelligent Systems and Computing*, vol 1354. Springer, Singapore July 2021.
3. Shivanand Pandey, Ritika Bharti, Prachi Verma, **Tauseef Ahmad**, “A Novel Approach for Real-Time Drowsiness Detection and Alert to Driver”, in the book *Innovations in Electrical and Electronic Engineering, Lecture Notes in Electrical Engineering*, Springer 2020.
4. **T. Ahmad**, A. M. Khan and M. Haque, “An Energy Efficient Cluster Head Selection using Artificial Bees Colony Optimization for Wireless Sensor Networks”, in the book *Advances in Nature-inspired Computing and Applications* (S K Shandilya, S Shandilya, A Nagar), Springer 2018.
5. M. Haque, **T. Ahmad**, and M. Imran, “Review of Hierarchical Routing Protocols for Wireless Sensor Networks”, in “Intelligent Communication and Computational Technologies” of book series *Lecture Notes in Networks and Systems*, vol. 19, Springer Nature Singapore Pte. Ltd. 2018. ISSN: 2367-3370.

1. **T. Ahmad**, Ash Mohammad Abbas, “Target Tracking in Wireless Sensor Networks”, in *Journal of Computer Science & Technology*, vol. 21, , no. 1, pp. 71-73, April (2021). ISSN :1666-6038, 2021.
2. **T. Ahmad**, Ash Mohammad Abbas, “LeDA: Leadership Delegation based Activation Scheme for Target Tracking in Wireless Sensor Networks”, in *International Journal of Information Technology*, Springer Journal, vol. 13, no. 02, 2021.
3. Md. Asraful Haque, **T. Ahmad**, “A Concept of Captcha based Dynamic Password”, in *Recent Advances in Computer Science and Communications*, Bentham Science, vol. 14, no. 5 (2021).
4. A.K. Mishra, S. Bharti, R. Singh, Jyoti, and **T. Ahmad**,”DFakeTect: A review on Deepfake Detection System”, in *International Journal of Grid and Distributed Computing*, vol. 13, no. 02, pp. 2355-2365. (2021)
5. **T. Ahmad**, “EnergyEC: An Artificial Bee Colony Optimization Based Energy Efficient Cluster Leader Selection for Wireless Sensor Networks”, in *Journal of Information & Optimization Sciences-JIOS*, Taylor & Francis Journal, vol. 41, no. 02, pp. 587-597 (2020).
6. **T. Ahmad**, Ash Mohammad Abbas, “EEAC: An Energy Efficient Adaptive Cluster based Target Tracking in Wireless Sensor Networks”, in *Journal Of Interdisciplinary Mathematics-JIM*, Taylor & Francis Journal, vol. 23, no. 02, pp. 379-392 (2020).
7. M. Haque, T. Jamal, **T. Ahmad**, and M. Imran, “Performance Analysis of Energy Routing Protocols in MANET”, in *International Journal of Engineering and Technology* , (IJET), vol. 9, no. 3S, pp. 387-393, July (2017). ISSN: 0975-4024.
8. M. Haque, **T. Ahmad**, and M. Imran, “Performance Evaluation of MOSPF, ODMRP, DVMRP and MAODV Ad-Hoc Routing Protocols”, in *International Journal of Control Theory and Applications (IJCTA)*, 10(13):189-199, (2017). ISSN : 0974-5572.
9. **T. Ahmad**, “Behavior of UDP Traffic over LTE network”, *International Journal of Computer Applications, Foundation of Computer Science (FCS)*, New York, USA, 137(3):1-6, March (2016). ISSN :0975 – 8887.
10. **T. Ahmad**, and A.M. Abbas, “Performance of Long Term Evolution for Wireless Networks”, Thesis Overview, *Journal of Computer Science & Technology (JCS&T)*, 14(1):59-60, April (2014). ISSN :1666-6038.

11. **T. Ahmad**, and T. Ahmad, “Using the concept of Multi-Threaded Programming Preparing the Object Oriented Design Model”, *International Journal of Advanced Computer Research*, 2(6):61-64, December (2012). ISSN : 2277-7970.
1. W. Ahmad, **T. Ahmad**, T. Jamal, S. Kumar, Z.A. Ansari, and S.A. Ansari, “Review of Blockchain over Centralized Systems”, in *International Conference Rajkiya Engineering College Conference (RECCON-2019)*, 28-29 Nov. 2019.
2. **T. Ahmad**, M.A. Haque, and A.K. Yadav, “Study of Multimedia Streaming Over 4G LTE”, in *International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019)*, SCSV Mahavidyalaya, Tamil Nadu, India, March 30th-31st, 2019.
3. **T. Ahmad**, and M.A. Haque, “Performance Analysis of Video Traffic over LTE”, in *Proceedings of the International Conference on Advanced Computing and Software Engineering (ICACSE-2016)*, **IEEE Conference**, KNIT Sultanpur, India, 14-15 October, 2016. ISBN 978-93-86256-05-8.
4. **T. Ahmad**, and A.M. Abbas, “CSplineT: A Cubic Spline Based Target Tracking Protocol for Wireless Sensor Networks”, in *Proceedings of the International Conference on Information Technology (InCITE-2016)*, **IEEE Conference**, Amity University, Noida, India, 06-07 October, 2016. ISBN 978-1-5090-2612-8/16.
5. **T. Ahmad**, and A.M. Abbas, “ObTraP: An Object Tracking Protocol for Wireless Sensor Networks”, in *Proceedings of the 2nd International Conference on Computing computation and Automation (ICCCA-2016)*, **IEEE Conference**, Greater Noida, 29-30 April, 2016. ISBN: 978-1-5090-1666-2/16.
6. T. Ali, **T. Ahmad**, and M. Imran, “UOCR: A Ligature Based Approach for an Urdu OCR System”, in *Proceedings of the 10th INDIACom, 3rd International Conference on Computing for Sustainable Global Development*, **IEEE Conference**, BVICAM, New Delhi (INDIA), 16-18 March, 2016. ISBN: 978-93-80544-20-5.
7. **T. Ahmad**, and A.M. Abbas, “Delay and Throughput of Long Term Evolution under TCP Traffic”, in *Proceedings of the 12th IEEE India International Conference (INDICON-2015)*, **IEEE Conference**, Jamia Millia Islamia, New Delhi, India, 17-20 December, 2015. ISBN: 978-1-4673-6540-6/15.

8. M.A. Qadeer, M.S. Khan, R. Ahmad, and **T. Ahmad**, “Real Time Video Streaming Over Heterogeneous Networks”, in *Proceedings of 11th International Conference on Advanced Communication Technology (ICACT-2009)*, **IEEE ComSoc Conference**, Phoenix Park, Korea, 15-18 February, 2009. ISBN 978-89-5519-139-4.
9. M.S. Khan, R. Ahmad, **T. Ahmad**, and M.A. Qadeer, “Real Time Video Streaming Over Bluetooth Networks”, in *Proceedings of International Conference on Multimedia, Signal Processing and Communication Techniques (IMPACT-2009)*, **IEEE Conference**, Department of Electronics Engineering, AMU, Aligarh, India, 14-16 March, 2009. ISBN: 978-1-4244-3604-0/09.

Declaration I hereby confirm that all the information provided above is correct up to my knowledge and I am fully responsible for all the details provided above.



(Tauseef Ahmad)