



C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY

Hakeem Nagar, Melvisharam-632 509

FACULTY PROFILE



Name	Dr.K.ABRAR AHMED						
Gender	Male	Gender		Male	Gender	Male	
Present Designation	ASSISTANT PROFESSOR & HOD			Present Designation	ASSISTANT PROFESSOR & HOD		
Date of Joining	13.07.2012						
Mobile No.	9790371920			Mobile No.	9790371920		
Faculty Code	Given By AU COE	5106037		Given By AU COE	5106037		
Highest Educational Qualification	Ph.D			Highest Educational Qualification	Ph.D		
Additional Qualification	GATE/NET/SLET	Additional Qualification					
Total working Experience	14.5 years	(i) Total working Experience					
Publications	Journals	Publ i catio ns	Journals		Publi catio ns	Journals	Public ations
	Conferences	-	Conferences		-	Conferences	-
No. of Patent	2						
No of Workshops/Seminars/Conferences/ FDP attended	FDP:30 WORKSHOP:10 SEMINAR:10						
No of Workshops/Seminars/Conferences/ FDP organized	FDP:01 WORKSHOP:05 SEMINAR:10						
No of UG / PG / Ph.D Guidance:	UG Guided- 24 PG Guided-04						
Membership in Professional Bodies	IAENG, CSTA,INTERNET SOCIETY,CSI.						
Awards / Recognition Received	Received Cash Awards for Producing 100% Result in AI&ML in Anna University Exam. Received Appreciations Award as best SPOC for Naam Mudhalvan From TNSDC, Chennai.						
Other Responsibilities, if any	Coordinator for Anna University Affiliation Process. External Affair Coordinator						



Journal details:

- J. Suganthi, R. Sivaraman, Santosh Kumar Tambrey, Dr.Tenepalli JaiSai, **Dr.K.Abrar Ahmed**, Abhijeet Das “Mathematical Modeling and Computational Tools for Efficient Water Resource Management: Optimizing Allocation and Sustainability” Journal of Neonatal Surgery ISSN:2226-0439, Volume 14 Issue No 10, 2025 (SCOPUS Indexed).
- **Dr. K. Abrar Ahmed**, Dr. S. Umamaheswari, M. Divya, Savithiri J, Vanmathi R, M. Esakkiraj “Stability and Chaos Analysis of Nonlinear Fluid Flows Using AI Accelerated Computational Techniques” Journal of Eksplorium ISSN:0854-1418, Volume 46 Issue No 2, June 2025 (ESCI-Indexed)
- Bairavel S, Lakshmi T K, Praveen Gugulothu, **Abrar Ahmed Katiyan**, Chandravadhana S and Helina Rajini Suresh “A Machine Learning-Based Video Compression for Effective Video Encoding and Transmission” Journal of Machine and Computing ISSN:2788-7669, Volume 05 Issue No 2, April 2025 (SCOPUS Indexed).
- Madan, Hayder, Manimaran, Vijay Krishna, **Abrar Ahmed Katiyan**, Segan “Enhanced network security through algebraic cryptanalysis of elliptic curve cryptography” Journal of Discrete Mathematical Sciences & Cryptography ISSN:2169-0065, Volume 27 Issue No 7, 2024 (SCOPUS Indexed).
- Dr.K.Lokeshwaran, **Dr.K.Abrar Ahmed**, “Integrated Hierarchical Analysis: Unveiling Critical Nodes in Complex Networks Through Eigenvector Centrality and K-Shell Decomposition” International Journal of Pervasive Computing and Communications ISSN:1742-7371, Accepted for Publication on 4th Feb 2024 (SCOPUS Indexed).
- **Dr.K.Abrar Ahmed K**, Inamul Hussain R Z, Md Sajid, Rahul B, “Anticipating Ground water Depletion for water scarcity Alleviation through Advance Deep Learning Models” Journal on Sustainable Wireless Systems” ISSN: 2582-3167, Volume 5 Issue No 04, pp. 324-339, FEB-2024(UGC-CARE LIST).
- Dr.K.Lokeshwaran, **Dr.K.Abrar Ahmed**, Dr.S.Kishore Verma, Dr.K.Booplan, “Enhancement of Health System for Emergency Care Using IoT Techniques ” International Journal of Early Childhood Special Education (IJECSSE) ISSN: 1308-5581 Volume 14 Issue No 05, pp.5433-5422, July-2022, SCI Indexed (SJR: 0.53).
- **Abrar Ahmed.K**, Abdul Rauf.H, Rajesh.A, “MNQIA: A Method for Multiple Numerical QI Attribute— Anonymization ” International Journal of Control Theory and Applications (IJCTA) ISSN: 0974-5572 Volume 9 Issue No 28, pp.225-234, 2016, SCOPUS Indexed (SJR: 0.53).
- **K.Abrar Ahmed**, H.Abdul Rauf, “Privacy Preserving data using Fuzzy Hybrid data Transformation— Technique” Indian Journal of science and Technology(IJST), ISSN 0973- 4562 ,Volume 10, Issue No 24, pp.13179-13185, 2017, Scopus Indexed (SJR: 0.27),



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- **K.Abrar Ahmed**, H.Abdul Rauf, “Analysis of Fuzzy Membership function and Boundary values for— data Anonymization in terms of Information Loss” International Journal of Control Theory and Applications (IJCTA), ISSN: 0974-5572, Vol 10 No 0, pp.225-234, 2017, SCOPUS Indexed (SJR: 0.53).
- **K.Abrar Ahmed**, H.Abdul Rauf, “Study of PDP Algorithms in terms of Utility and Time Taken”— International Journal Research and Analytical Review(IJRAR) ISSN: 2347-1269, Vol 4, No 1, pp.553- 537 April 2019, UGC Approved journal,Thomson Reuters Indexed (SJR: 0.12) .
- **K.Abrar Ahmed**, H.Abdul Rauf, “Study of K-Anonymization level with Respect to Information Loss” Australian Journal Of Basic And Applied Sciences (AJBAS) ISSN: 1991-8178, Vol 10, No 2, pp.1-8 Feb 2016, UGC Approved journal,Thomson Reuters Indexed (SJR: 0.12) .
- **K.Abrar Ahmed**, H.Abdul Rauf, “APPDM Framework to Analyze Privacy and Utility Trade-off for— MNQIA Anonymization Algorithm” International Journal of Advance Trends in Engineering and Technology (IJARTET) ISSN: 2394-3785, Vol 4, No 4, pp.2221-2228 October – April 2017, Thomson Reuters Indexed (SJR: 0.12).
- **Dr.K.AbrarAhmed**, Dr.R.Z.Inamul hassan, Dr.Md.Sajid, B.Rahul “Prediction of Ground Water Level to improve water scarcity using Deep learning Algorithms ” Indian Journal of Engineering,Science and Technology (IJEST).Accepted for Publication on 11.01.2024.

INTERNATIONAL CONFERENCES:

- Mukesh Kumar, Rahmaan.K, **Abrar Ahmed Katiyan** ,Narendran, P.Suwathi ” An Enhanced Deep Learning System:A Robust Gradient-Based Defenc Machanism ” IEEE Int.Conf. on Circuit,Power and Intelligent System(CCPIS) Sep 2025.
- **Dr.K.Abrar Ahmed**, K.Boopalan, K.Lokeshwaran,R.Sugumar,C.Koteeswaran ” Analysis of android malware detection using machine learning techniques ” AIP Conf. Proc. 2935,05 Mar 2024.
- **K.Abrar Ahmed**, H.Abdul Rauf, A.Rajesh “Study on Issues in Privacy Preserving Distributed Data mining Algorithms” International Conference on Adaptive Technology for Sustainable Growth, Engineering and Science (ICATS’14),ELSEVIER ISBN: 978-93-5107-230-0, May 2014.
- **K.Abrar Ahmed**, Dr.K.Lokeshwaran “Analysis of Malware Detection using Machine Learning Algorithm” Eleventh International Conference on Science and Innovative Engineering (ICSIE 2021), 02nd May 2022.
- **K.Abrar Ahmed**, Smaeer D,Prasanth R “Advancement of Emergency care system Using IOT Techniques” Eleventh International Conference on Science and Innovative Engineering (ICSIE 2021), 02nd May 2021.
- **K.Abrar Ahmed**, H.Abdul Rauf, T.M.Roshan Banu “Study of Anonymization Algorithms in Terms of Utility and Time Taken” International Conference on Recent Advances in Technology, Engineering and Science (ICRATES’16) ISBN: 978-93-5258-740-7, July 2016.
- **K.Abrar Ahmed**, H.Abdul Rauf, “Study of k-Anonymization Level In terms of Information loss”



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First International Conference on Recent Trends and challenges in computational models (ICRTCCM'16) FEB 2016.

- **K.Abrar Ahmed**, K.Boopalan, “An Efficient Resource Management Based Secure Leader Election For IDS in MANET ” First International Conference on Futursitics Trends in CSE and IT (ICCT 2012), JAN 2012.
- **K.Abrar Ahmed**, Dr.H.Abdul Rauf “Enhanced Secure Wireless Intrusion Prevention System for ipath: Path Inference in Wireless Sensor Network ” Second International Conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET '17'), 15th MAY 2017.
- **K.Abrar Ahmed**, H.Abdul Rauf, A.Rajesh “Efficient Multiserver Configuration with User Satisfaction interms of Profit Maximization and QOS in Cloud Computing” First International Conference on Technology and Advancement in Computing Application (ICTACA'18), 16th and 17th March 2018.
- **K.Abrar Ahmed**, Dr.H.Abdul Rauf “MNQIA: Multi QI Attributes Anonymization” International Conference on Recent Advances In Technology,Engineering And Science (ICRATES-16), 27th ,28th May 2016.
- **K.Abrar Ahmed**, E.Aruna “Disguising Identity From Collection Of Tree Structured data” International Conference on Data Analytics andMathematical Modelling (ICDAMM-16), 05th ,6th May 2016.

NATIONAL CONFERENCES:

- **K.Abrar Ahmed**, R.Z.Inamul Hassan, “Prediction of Ground Water Level to improve water scarcity using Deep learning Algorithm” National Conference on Recent Trends in AI and Soft computing (NCRTAS- 2024), 24th Jan 2024.
- **K.Abrar Ahmed**, K.Boopalan, “An Efficient Resource Management Based Secure Leader Election For IDS in MANET” National Conference on Emerging Trends in Computer Technology and Application (NCETCTA- 2012), 03rd Mar 2012.
- **K.Abrar Ahmed**, Yousuf Hassain, “Well Organised TCP Link failure in Web Server Cluster ” National Conference on Futuristics Advancement on Computing and Electronic (FACE- 2009), 19th Mar 2012.
- **K.Abrar Ahmed**, Md Hashim, “Well Organised TCP Link failure in Web Server Cluster ” National Conference on Recent Trends in Electronics Communication and Information Technology (RTECIT- 2008), 28th Aug 2008.