


FACULTY PROFILE

Name of the Faculty:		Dr. NAZEER SHAIK				
Designation:		Professor & Principal				
Department:		Computer Science & Engineering				
Date of Birth:		21-08-1977				
AICTE – ID:	1-426051221					
Education		M.Tech (CSE)., Ph.D (CSE).,				
Experience	Teaching: 19.5 Years	Industry: 1.5 Years		Total: 21 Years		
	Research: 06 Years	Others: NIL				
Research Specialization		Network Security, Data Science				
Courses taught	<ol style="list-style-type: none"> 1. Cryptography & Network Security 2. Database Management System 3. Operating System 4. Software Engineering 5. Artificial Intelligence 					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Design of methods for encrypted traffic visualization	IEEE digital Xplore	2023	-		SCOPUS
2	Massive MIMO Codebook Design Using Gaussian Mixture Model Based Clustering	Intelligent Automation & Soft Computing	2021	32 (1)	361 - 372	SCI
3	Study on potential AI applications in childhood education	International Journal of Early Childhood	2022	ISSN: 1308-5581 Vol 14, Issue 03	103 75-103 82	SCOPUS
4	Navigating the dark: Advancements in Robotic Night		2023			IEEE SCOPUS

	Patrol for enhanced safety					
5	An incremental learning on cloud computed decentralized IoT devices	International Journal of Engineering Systems Modelling and Simulation		14		Inder science Publishers (IEL)
6.	Effective Classification of Tweets Using Machine Learning	Soft Computing: Theories and Applications	2022	Volume 425	439 – 446	SPRINGER
7.	Rough Set Theory for Data Stream Classification Drift and Naive Bayes Classifier	Solid State Technology	2020	63(5)	295 5- 296 3	SCOPUS
8.	An Enhanced Mutual Authentication Scheme using One-Time Passwords with Images	International Journal of Computer Trends and Technology (IJCTT)–	2020	Volume 68 Issue 1 – Jan	35- 51	Google Scholar
9.	Layered Programming Model for Resource Provisioning in Fog Computing using Yet another Fog Simulator	International Journal of Emerging Trends in Engineering Research	2020	2347- 3983		Google Scholar
10.	Rough Set Theory for Data Stream Classification Drift and Naive Bayes Classifier	Solid State Technology	2020	Volum e: 63 Issue: 5	295 5- 296 3	SCOPUS
11.	A Novel Approach for QoS and Security using Data Mining Techniques	TEST Engineering & Management	2020	ISSN 0193- 4120	294 1- 294 8	SCOPUS
12.	Significance of Cloud Computing for Big Data	Journal of Advance	2019	Vol-11	169 5-	SCOPUS

		Research in Dynamical & Control Systems			1700	
13.	Community Structure Identification in Social Networks Inspired by Parliamentary Political Competitions	Data Management, Analytics and Innovation, Proceedings of ICDMAI 2019,	2019	Volume 2	445 - 457	SCOPUS
14.	Recognizing Human Facial Expressions with Machine Learning	International Journal of Recent Technology and Engineering	2019	ISSN 2277 - 3878 Vol-8, Issue-3	450 - 450 2	Google Scholar
15.	Classification of Precious and Non-precious Tweets Using Deep Learning	Lecture Notes in Networks and Systems /3rd International Conference on Advances in Distributed Computing and Machine Learning, ICADCML 2022	2022	427	393 - 399	SCOPUS
16.	Effective Classification of Tweets Using Machine Learning	Lecture Notes in Networks and Systems book series (LNNS)	2022	(volume 425)	439 - 446	SCOPUS
17	Semantic web security and privacy	Journal of Theoretical and Applied Information Technology	2010	22(1),	9-18	SCOPUS

18	Secured Mutual Authentication using Visual Cryptography	International Journal Modern Sciences and Engineering Technology	2017	Vol:4, Issue 3	1-7	Google Scholar
19	A multilevel Authentication using Graphical Passwords	International Journal of Trend in Research and Development	2016	Volume 3 Issue 4	347 - 352	Google Scholar
20	A security Scheme for Textual & Graphical Passwords	International Journal on Recent and Innovation Trends in computing and communication	2016	Volume 4, Issue 1	78-83	Google Scholar
21	A Novel Challenge Response based One Time Password Authentication	International Journal of Modern Sciences and Engineering Technology	2016	ISSN: 2349-3755	28-33	Google Scholar
22	Efficient and scalable management of data in the cloud	International Journal Modern Sciences and Engineering Technology	2016	Vol:3, Issue 5	46-53	Google Scholar
23	Desirable ontologies for the construction of semantic application	International journal on Recent and	2015	Vol:2 Issue:1 2	404 7-405	Google Scholar

		Innovation Trends in Computing and Communication			5	
24	Benefits and Barriers of adopting Cloud Computing	International journal of modern sciences & Engineering Technology	2014	Vol 1 Issue 6	117 - 123	Google Scholar
25	A Riskless Prudent Data Transfer in Clouds	International Journal on Recent and Innovation Trends in Computing and Communication	2014	Vol:2, Issue: 9	2780-2785	Google Scholar
26	Security Constraints in Cloud Computations	International Journal of advanced computer, electrical and electronics engineering	2012	Vol. 1, No. 1	75-80	Google Scholar
27	Intrusion Detection using Knowledge Discovery Method	CIIT international journal of Data mining and Knowledge	2012	Vol 4, No.5	226 ..232.	Google Scholar
28	A Study on the Readiness of Cloud Computing for Captious Computations	International Journal World of Computer Science and	2011	Vol. 1, No. 6	247 - 252	Google Scholar

		Information Technology (WCSIT)				
29	Raw Era in Cloud Computing	CIIT international journal of Networking and Communication Engineering	2011	Vol 3, No.13	833 - 839	Google Scholar

Books published

S. No.	Title of the book	Publisher	year
1	Data Science and Data Analytics using Python https://www.flipkart.com/data-science-analytics-using-python/p/itm1a55d372cd681?pid=9789357574112&lid=LSTBOK9789357574112R8YBQL&marketplace=FLIPKART&cmpid=content_book_8965229628_gmc	SPH	2023
2	Design and Development of Robust Deep Learning Models for Stock Price Prediction	ESN	2022
3	Naive Bayes Classifier and Rough set Theory for Data stream Classification Drift	LAMBERT	2021

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	Design and Development of Robust Deep Learning Models for Stock Price Prediction	Smart Computing Technologies	ESN PUBLICATIONS	2022

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202341044371	Intelligent waste	01/09/2023	Published

		bin with sensing and composting capabilities for efficient solid waste management		
2	202041048454	SHIP DETECTION SYSTEM FROM THE SAR IMAGES BY SALIENCY SEGMENTATION	13/11/2020	Published
3	202141007441	ENHANCED IMAGE COMPRESSION SYSTEM WITH PARALLELIZED BINARY SEARCH TREE OPTIMIZATION METHOD FOR MEDICAL IMAGES	26/02/2021	Published
4	201941046492	Machine Learning based system for traffic congestion management using internet of things sensors	29/11/2019	Published
5	202141039033	Intelligent Gas Pipeline Leakage and Supply Demand Estimator	10/09/2021	Published
6	202241004928	Cloud based Train Accident Prevention Safety system	04/02/2022,	Published
7	CN 201320468379	Smart home monitoring system based on cloud computing	22/01/2014	Granted
8	CN20132033154	Current Detection and protection devices	13/11/2013	Granted
9	CN201320331543	Physiological parameter monitoring system	13/11/2013	Granted

Student Project/research guidance

S. No	Level	Total number	
1	UG	Completed: 26	Ongoing: nil
2	PG	Completed: 15	Ongoing: nil
3	PhD	Completed: nil	Ongoing:01

Administrative experience

S.No.	Role	Duration (From – to)
1	Principal, BEC	June-15, 2022 to till date
2	HoD., CSE, BEC	June-2020-June,2022
3	NAAC Coordinator, BEC	July, 2019-May, 2020
4	HoD., CSE, BEC	Jan., 2017- June, 2019
5	AICTE Coordinator, BEC	Dec., 2019- till date
6	AISHE Coordinator, BEC	2016-2019
7	NAAC Coordinator, BEC	2014-2015
8	Dean-Admin, BEC	2014-15
9	NBA Coordinator, BEC	2020-21

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?hl=en&user=CDYqYL0AAAAJ
SCOPUS	57210903138
ORACID ID	https://orcid.org/0000-0002-0413-9523
Vidwan ID	172131

Any other relevant information

1. Andhra Pradesh ECET Admission Committee member for the A.Y. 2022-23
2. UGC Autonomous Expert Committee member to inspect the college and to Consider and evaluate the proposal of the college for autonomous status.

Dr. NAZEER SHAIK