




JSS Mahavidyapeetha
JSS Academy of Technical Education
Department of Information Technology
www. jssaten.ac.in



FACULTY PROFILE

1. Personal Details

NAME	Dr. Vineeta khemchandani	Photo(jpeg format) 
DEPARTMENT	Information Tecnology	
DESIGNATION	HoD IT	
PHONE	0120-2400115	
EMAIL ID	Vkhemcandani@jssaten.ac.in	
Date of Joining (JSSATEN)	05-09-2005	

2. Experience

Total Experience :23 Years	Teaching: 17 Years	Industry: 6	Research:
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
MCA	Computer Applications	1996	KNIT Sulthanpur	RML Univesity
Ph.D.	Computer science and Engineering	2011	Banashatli Unuversity	Banashatli Unuversity
Post Doc.	Diploma In Banking Technology	2009	Indian Institute of Banking and Finance	Indian Institute of Banking and Finance

4. Research & Publications

Papers Published in Web of Science indexed Journals	18
Papers Published in SCOPUS indexed Journals	18
Papers Published in other Journals	Nil
Papers Presented in Conferences / Symposium	8

Books / Book chaptersPublished	5
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5. Research Guidance

PhD Guide? Give field & University	Yes, Information security and Machine Learning	University: a. Banasathali University,
PhDs / Projects Guided	Ph.D. Awarded: Guiding: 01	Projects at Master's Level: 3 Projects at Bachelor's Level: 25

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Collaborative Research Scheme	₹ 3,00,000	July 2019	1 year	APJ Abdul Kalam University Lucknow

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	METHOD FOR ASSESSING LEARNING DISABILITIES USING PSYCHO, QUANTITATIVE ELECTROENCEPHALOGRAM AND GENETIC & ENVIRONMENTAL ANALYSIS	(Application No :202011035584)
2	FIRE PREVENTION AND FIREFIGHTING SYSTEM FOR SMART CITY	(Application No: 202211071353 A)

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

- Earned " 50 FABULOUS EDUTECH LEADERS (2019) International award for contributing in Technical Education at 8th World Education Congress on 4th July, 2019
- Earned "ACTIVE PARTICIPATION WOMAN (2019) award from Computer Society of India as Hony. Treasurer of CSI Ghaziabad Chapter.

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Information Security and Sender's Rights Protection through Embedded Public Key Signature	Vineeta Khemchandani, G. N. Purohit	IJCSI International Journal of Computer Science Issues,	1694-0814, Vol. 1. 7 May 2010	yes		ISSN (Print)
2	An efficient quicksort using value based pivot selection and bidirectional partitioning	Runumi Devi & Vineeta Khemchandani	International Journal of Information Science and Applications,	ISSN 0974-2255, Volume 3 June 2011	yes		
3	A Visual Cryptographic Technique to Secure Image Shares,	Jagdeep Verma & Vineeta Khemchandani	International Journal of Engineering Research and Applications (IJERA)	ISSN: 2248-9622, Volume 2 Feb 2012	yes		
4	Performance Testing Of Data Warehouse Lifecycle	Vineeta Khemchandani	International Journal of Engineering Science and Computing	ISSN 2321 3361 © 2015	yes		
5	Application of Fuzzy modeling to Detect Mathematical learning Disorder	Vineeta Khaemchandani	CSI Transaction on ICT	Volume 4, Dec, 2016	yes		
6	The challenges for authentication in Indian e-Governance System (A Survey on Indian	Anand D., Khemchandani V	International Science Press	9(40) 2016	yes		

	administrative staff						
7	An Analytical Method to Audit Indian e-Governance System	Anand D., Khemchandani V.,	International Journal of Electronic Government Research (IJEGR), Idea Group Publishing	June 2017	yes		
8	Feature Engineering (FE) Tools and Techniques for Better Classification Performance	Tara Rawat, Vineeta Khemchandani	International Journal of Innovations in Engineering and Technology (IJET)	ISSN: 2319 – 1058,, Volume 8	yes		
9	Study of e-governance in India: a survey	Darpan Anand; Vineeta Khemchandani	International Journal of Electronic Security and Digital Forensics	Vol.11 No.2, pp.119- 144. Sept 2019	yes		
10	Unified and integrated authentication and key agreement scheme for e-governance system without verification table	Darpan Anand; Vineeta Khemchandani	Sādhanā-Indian Academy of Sciences, Springer	Sept, 2019	yes		
11	Lightweight Technical Implementation of Single Sign-On Authentication and Key Agreement Mechanism for Multiserver Architecture-Based Systems	Darpan Anand, Vineeta Khemchandani, Munish Sabharawal, Omar Cheikhrouhou, and Ouissem Ben Fredj	Hindawi, Security and Communication Networks	2021	Yes		

ii. Books and Book Chapters

1. Vineeta Khemchandani, 'Visual C++ ', Vikas Publishing House, ISBN 978-81-259-3893-4, 2009.
2. Authored course material UNIX, Data Structures Visual C++ for DOEACC courses, published by Galgotia Publications.
3. Reviewed book on Data Mining for Oxford University Press.
4. Darpan Anand, Vineeta Khemchandani, 2019, Identity and Access Management, Security and privacy of Electronic Healthcare Records, Concepts Paradigms and Solutions, CT, 2019, IET Publication, : 10.1049/PBHE020E, Chapter DOI: 10.1049/PBHE020E_ch4, e-ISBN: 9781785618994
5. Darpan Anand, Vineeta Khemchandani, Data Security and Privacy Functions in Fog Computing for Healthcare 4.0, Fog Data Analytics for IoT Applications, Sept, 2020. ISBN 978-981-15-6043-9. Springer Singapore
6. Programming Data Structures using 'C', 2020, ISBN-13: 979-8706270667, Kindle Edition

iii. Conferences

● National Conference

1. Khemchandani, V. and Devi, R., "A Novel Scheme for Prevention of Forgery and Alteration in Automated Cheque payment System", Proceedings of the 4th National Conference; INDIACom-2010, Feb 2010.
2. Devi, R and Khemchandani, V., "Application of Data Mining Techniques for Diabetic Dataset," Proceedings of the 4th National Conference; INDIACom-2010, Feb 2010.

● International Conference

1. Vineeta Khemchandani, G. N. Purohit, "Secure and Imperceptible Intelligence Message Sharing Scheme," Springer Book Series " Advances in Intelligent and Soft Computing," Vol. 130, Softcover, ISBN 978-81-322-0486-2.
2. Kulvinder Kaur, Vineeta Khemchandani. " Securing Visual Cryptographic Shares using Public Key Encryption," *2013 3rd IEEE International Advance Computing Conference (IACC)*, 978-1-4673-4529-3/12/\$31.00_c 2012 IEEE, pp 1097-1102.
3. Darpan Anand , Vineeta Khemchandani, " Identity-Based Cryptography Techniques and Applications" 2013 5th International Conference on Computational Intelligence and Communication Network, Sept , 2013 <https://doi.org/10.1109/CICN.2013.78>
4. Sarika Verma, Vinita Khemchandani, "Evolution of Smart Grid ICT—Management and Consumption ", ICTM-2015
5. Darpan Kumar Purwar, Deepika Vishwakarma, Neha Singh and Vineeta Khemchandani," One v/s All SVM Implementation for Keystroke based Authentication System", 2019 4th International Conference on Information Systems and Computer Networks (ISCON), 21-22 November, 2019, Mathura.
6. Aarushi Tiwari, Ajay Arora, Vivechna Goel, Vineeta Khemchandani, Sushil Chandra, Vishal Pandey, "A Deep Learning Approach to Detect Sustained Attention in Real-Time Using EEG Signals", 2021 International Conference on Computational Performance Evaluation (ComPE),

01-03 December 2021, Shillong, India

7. Darpan Anand; Vineeta Khemchandani, “Distributed utility based User Authentication protocol for multi-server environment with key agreement utility”,2021 International Conference on Computational Performance Evaluation (ComPE),01-03 December 2021, Shillong, India
8. Pawan Jindal, Vineeta Khemchandani, Sushil Chandra, Vishal Pandey, “A Multiplayer Shooting Game Based Simulation For Defence Training”,2021 International Conference on Computational Performance Evaluation (ComPE),01-03 December 2021, Shillong, India
9. Asmita Verma; Prakhar Deep; Kushagra Aman; Vineeta Khemchandani; Sushil Chandra; Greeshma Sharma, “Cognitive Profiling for Job Recruitments: A Clustering-Based Approach”, 2021 International Conference on Computational Performance Evaluation (ComPE),01-03 December 2021, Shillong, India

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Computer Graphics Practice	IIT Delhi	2012
2	ISTE Workshop on Cyber Security	IIT Bombay	2014
3	Introduction to Algorithm Design	IIT, Kharagpur	2015
4	Big Data Analytics	GGSIIP University, under Big Data Initiative of DST	2016
5	Machine Learning and its Application in Text and Image Processing	JSSATE, NOIDA(AKTU Sponsored under TEQIP)	2017
6	Computer Forensic and Cyber Crime	ABES, Ghaziabad (TEQIP -AKTU Sponsored)	2018
7	ANDROID Development	Centre of Advanced Studies (AKTU, Lucknow)	2018
8	Defence Network and Cyber Law	ALTTC (CoE of ITU, Geneva)	2019
9	Data Communication and Network	DOEACC Centre, Chandigarh	2003
10			

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	IEEE International Conference on Cognitive Computing and Information Processing, CCIP 2015	JSS Academy of Technical Education, NOIDA	Mar, 2015	Publication Chair

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	Atal FDP in Cyber Security	AICTE	July 2021

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Mathematics of ML-Linear algebra	COURSERA	July 2020	
2	Mathematics of ML-Multi variant Calculus	COURSERA	July 2020	-
3	Structuring of ML Projects	COURSERA	July 2020	-

10. Membership of Professional Bodies:

1. Life membership Computer Society of India

11. Any other information you will like to share about your professional experience

Dr. Vineetha Khemchandani

Associate Professor, Dept of IT

JSS Academy of Technical Education, Noida