Name:Dr. Deepak Sukheja

Designation: Associate Professor
Department: CSE
Mail I'd: deepak_s@vnrvjiet
AICTE ID : 1-3543332363
DOB:07-12-1976

Experience (in years): 22   Teaching: 20   Research: 6   Others(02 (MNC)):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	2014	Computer Science
2	M.Tech.	2005	Computer Technology
3	M.Sc.	1999	Computer Science
4.	B.Sc.	1997	Computer Science(Hons.)

2. Teaching and Learning:

2.1. Teaching Interests:

Database Management System, Advance DBMS, Operating System, Data Warehouse, Computer Graphics, Computer Architecture, Data Structure, and Distributed System.

2.2. **Novel Teaching & Learning Techniques adopted:** Black board teaching technique, PPTs, Audio/ video lectures

2.3. **Involvement in curriculum updating / Design:**

2.3.1. Member of the BOS (DAVV, Indore, Medi-Caps University)

2.3.2. Member of the BOS (Medi-Caps University)

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To encourage students towards physical fitness.
- To motivate students to Design & Develop the live projects.
- Watching and analysis various news

3.2. CCA/ECA Organized:

- Conducts various cultural event like Mother's Day, women's day, Teacher's Day engineer Celebrations and National Health Day.
- Conducts various health awareness events.

3.3. CCA/ECA participated:

- Participated in the various cultural event, health awareness events and blood donation campaigns.

3.4. Counselling and Mentoring Activity:

- I provide counselling services to numerous students for their higher education needs and have written over 100 letters of recommendation.

3.5. Committees involved in:

- **(**Member of Departmental research committee, Global relationship team, international Conference committee etc.)

4.   Conference / Workshop / Seminar / Guest Lectures :

4.1   Conducted:
- 5 FDP (Faculty Development Program)
- 2 workshop on AI and Deep Learning, Data mining and Blockchain Technology
- 20 + Guest lecture in various FDP, Seminars and Conferences

4.2   Attended:
- Attended 10+ FDP Program

- Attended 20+ Conferences Program

- Attended 50+ Seminar Program

- Attended 10+ workshops

5.   Academic Contribution and Research & Consultancy:

5.1   Invited Lectures: 20+
5.2   Articles/Chapterspublished in Books: 04
5.3.   Books published as single author or as editor: Nil

5.4. Projects Guided:

   a) UG:30

   b) PG: 10

5.5. Research Interests: Blockchain Technology, Cognitive Science, Data Mining and Data Warehouse Deep Learning, Machine Learning etc

5.6. Ph.D.students:

   a) Enrolled:03.

   b) Submitted:00

   c) Awarded:00

5.7. Papers published in reviewed journals:

S. No	Paper title with journal and conference information	citation	Year
1	**Prediction Model for Streaming Platform User Recommendation System Based on Collaborative Learning** NJ Nahar, D Sukheja, LK Vishwamitra International Journal of Intelligent Systems and Applications in Engineering …		2023
2	**A decision-making problem using dissimilarity measure in picture fuzzy sets** JA Shah, D Sukheja, P Bhatnagar, A Jain Materials Today: Proceedings 80, 3405-3410	1	2023
3	**A real-life decision-making problem with Hendecagonal fuzzy numbers** D Sukheja, JA Shah, G Madhu, S Nagini, BV Kiranmayee, S Kautish Journal of Intelligent & Fuzzy Systems 43 (6), 7923 -7936		2022
4	**Deep Neural Networks Model to Detection Glaucoma in Prima Phase** A Karnam, H Gidwani, S Chirgaiya, D Sukheja Proceedings of Second International Conference on Advances in Computer …		2022
5	**New decision-making technique based on hurwicz criteria for fuzzy ranking** D Sukheja, JA Shah, G Madhu, KS Kautish, FA Alghamdi, IS Yahia, ... Computers, Materials and Continua, 4595-4609	3	2022
6	**Comprehensive Analysis of State-of-the-Art CAD Tools and Techniques for Chronic Kidney Disease (CKD)** ML Prasudha, R Kasumolla, D Sukheja International Journal of Big Data and Analytics in Healthcare (IJBDAH) 6 (2 …		2021
7	**Research Reviews: Towards Identification and Classification Kidney Disease using Computational Technology** ML Prasudha, R Kasumolla, D Sukheja 2021 5th International Conference on Computing Methodologies and …		2021
8	**Analysis of sentiment based movie reviews using machine learning techniques** S Chirgaiya, D Sukheja, N Shrivastava, R Rawat Journal of Intelligent & Fuzzy Systems 41 (5), 5449-5456	22	2021
9	**Interval valued fuzzy matrix-based decision making for machine learning algorithms** P Bhatnagar, K Ohri, D Sukheja International Journal of Computational Systems Engineering 6 (3), 134-142		2021
10	**Improving the traffic control system by modifying the geometry of roads and squares by removing the discontinuity of space** RK Tripathi, Y Ratnaparkhi, D Sukheja Proceedings of International Conference on Advances in Computer Engineering …		2021
11	**IoT based Smart luggage monitor alarm system** S Valluripally, D Sukheja, K Ohri, SK Singh 4th International Conference on Internet of Things and Connected …	6	2020
12	**Sustainable and Portable Low Cost IOT Based Terrace Model to Grow True Organic Greens** N Shashi Rekha, A Kousar Nikhath, S Nagini, Y Sagar, D Sukheja Int. J. Eng. Adv. Technol 8, 3223-3228	4	2019

13	[Blockchain Technology: A Comprehensive Survey](#) Deepak Sukheja, Lingineni Indira, Prteek Sharma, Sachin Chirgaiya JARDC 11 (9), 1187-1203	[9](#)*	2019
14	[Performance Analysis of Data Mining, Neural networks &SVM and Fuzzy Algebra in Decision Making Process for Machine Learning Dataset](#) TS D Sukheja , Kriti Ohri, , V Baby International Journal of Engineering & Technology 7 (4.28), 689 -698		2018
15	[Impact of Sybil Attack and Security Threat in Mobile Adhoc Network](#) A Gupta, D Sukheja, A Tiwari Int. J. Comput. Appl 124 (9)	[6](#)	2015
16	[Modified hop count analysis algorithm (MHCAA) for preventing wormhole attack in WSN](#) M Tiwari, A Tiwari, D Sukheja Communications 3 (3), 6-10	[1](#)	2015
17	[A Review on Gray Hole Attack in Wireless Sensor Network](#) D Mishra, D Sukheja, S Patel International Journal of Computer Applications 122 (2)	[3](#)	2015
18	[Novel Distributed Query Optimization Model and Hybrid Query Optimization Algorithm](#) D Sukheja, UK Singh International Journal of Computer Applications 75 (17)		2013
19	[The performance enhancement approach for parameterized queries](#) S Deepak, UK Singh, S Deepak 2012 CSI Sixth International Conference on Software Engineering (CONSEG), 1-5	[2](#)	2012
20	[Query processing and optimization of parallel database system in multi processor environments](#) S Deepak, SU Kumar, M Durgesh 2012 Sixth Asia Modelling Symposium, 191-194	[8](#)	2012
21	[Conceptual approach of Query Optimization for Distributed Databases applications.](#) D Sukheja, UK Singh International Journal of Advanced Research in Computer Science 3 (2)		2012
22	[Design of shared-nothing cluster architecture for fast accessing and highly availability of data in heterogeneous database environment](#) D Sukheja, UK Singh 2011 World Congress on Information and Communication Technologies, 112-115	[1](#)	2011
23	[A novel approach of query optimization for distributed database systems](#) D Sukheja, UK Singh International Journal of Computer Science Issues (IJCSI) 8 (4), 307	[9](#)	2011
24	[Architecture of shared-nothing cluster to fast accessing and ensure the availability of data in distributed database environment.](#) D Sukheja, UK Singh International Journal of Advanced Research in Computer Science 2 (3)		2011
25	[Implementing new-age authentication techniques using openid for security automation](#) D Choukse, UK Singh, D Sukheja, R Shahapurkar arXiv preprint arXiv:1003.1462	[3](#)	2010

26	[Query optimizer model for performance enhancement of data mining based query](#) D Sukheja, UK Singh International journal of computer science & communication 1 (1)	[7](#)	2010
27	[Incremental Knowledge Mining Process Based on Supervised and Unsupervised Learning Dataset](#) N Shrivastava, D Sukheja, P Sharma		
28	[Securing AODV for Defending Sybil Attack in MANET](#) A Gupta, D Sukheja, A Tiwari		

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Design of Shared-nothing Cluster Architecture for Fast Accessing and Highly Availability of Data in Heterogeneous Database Environment	IEEE Conference (WICT),2011, Mumbai University	International	03
2	Query Processing and Optimization of Parallel Database System in Multi-Processor Environments	IEEE Conference (AMS), Indonesia	International	03
3	The Performance Enhancement Approach for Parameterized Query	IEEE Conference on software engineering(CONSEG), DAVV Indore	International	03
4	Performance evaluation of Global query execution in distributed databases through semantic query optimization technique	f ICCA 2010- International Conference on Computer Applications, Pondicherry	International	03
5	Semantic Query Optimization	National Conference on Architecturing Future IT Sstems	National Conference	03

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

| 1 | White Board Animation | Anika society | 1 year | 100000 | **completed** |

6.   **Awards / Honors received:**

7.   **Motto:**