



INTERNATIONAL
SCHOOL
of INFORMATICS &
MANAGEMENT^{JAIPUR}
Technical Campus

(Formerly India International Institute of Management)

A Heritage of Vision • A Legacy of Innovation

Accredited A by NAAC

Mandatory Disclosure MCA



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Faculty Profile

Name of Teaching Staff	DR. SWATI V. CHANDE
Designation	Professor & HOD (Computer Science)
Department	MCA
AICTE ID	1-456998833
Date of Birth	9/28/1967
Date of Joining the Institution	1/12/2000
Academic Qualifications	Ph.D., Banasthali Vidyapith, Banasthali M.S. (Software Systems), (equivalent to ME/M.Phil.), BITS Pilani M.Sc. (Mathematics), University of Rajasthan, Jaipur B.Sc. (Hons.) Diploma in Management
Total Experience in Years	29 Years
Research Areas/ Areas of Interest	<ul style="list-style-type: none">Databases, Genetic Algorithms, Nature Inspired Computing, Computational Thinking, Big Data Analytics
Significant Publications: Books	<ul style="list-style-type: none">A book titled MS - Office Question Bank published by BPB publications, New Delhi, 1997, ISBN: 81-7029-892-X.A chapter titled "Cloud Database Systems (NoSQL, NewSQL and Hybrid)" in the book "Cloud Infrastructures for Big Data Analytics", published by IGI Global publications, USA, March 2014, DOI: 10.4018/978-1-4666-5864-6, ISBN13: 9781466658646, ISBN10: 1466658649, EISBN13: 9781466658653.Edited course material for the Module, Fundamentals of Computers, of the Vardhaman Mahaveer Kota Open University, Kota, 2011.Edited course material and authored chapters for the Module, Software Engineering, of the Vardhaman Mahaveer Kota Open University, Kota, 2009.Edited course material for the Module, Programming in VB & .NET, of the Vardhaman Mahaveer Kota Open University, Kota, 2008.
Units/ Chapters Authored	
Papers in Journals	International <ul style="list-style-type: none">Mathur P., Chande S.V. (2020) Empirical Investigation of Usability Evaluation Methods for Mobile Applications Using Evidence-Based Approach. In: Chaudhary A., Choudhary C., Gupta M., Lal C., Badal T. (eds) Microservices in Big Data Analytics. Springer, Singapore.Chande S. V. (2019) Database Query Optimization using Genetic Algorithms: A Systematic Literature Review. International Journal of Advanced Trends in Computer Science and Engineering (Scopus Indexed), 8(5) ISSN 2278-3091, pp. 1903-1913. (https://doi.org/10.30534/ijatcse/2019/14852019) Link: http://www.wars.e.org/IJATCSE/static/pdf/file/ijatcse14852019.pdf.Soni A. & Chande S. V. (2019) Impact of Varying Parameters in Improved Multi Colony Ant Optimization Algorithm for Join

- Order Problem in Distributed Databases. International Journal of Advanced Trends in Computer Science and Engineering (Scopus Indexed), 8(5) ISSN 2278-3091, pp. 2442-2448. <https://doi.org/10.30534/ijatcse/2019/87852019>) Link: <http://www.warse.org/IJATCSE/static/pdf/file/ijatcse87852019.pdf>
- Preeti Tiwari & Swati V. Chande. Optimal ant and join cardinality for distributed query optimization using ant colony optimization algorithm. In Emerging Trends in Expert Applications and Security (pp. 385-392). Springer, Singapore, 2019.
 - Priyanka Mathur & Swati V. Chande. Empirical Investigation of Usability Evaluation Methods for Mobile Applications Using Evidence Based Approach. Springer, IETE.
 - Anjali Soni & Swati V. Chande. Multi Colony Ant Optimization: A New Approach to Query Optimization In Distributed. In International Journal of Research in Computer Application and Management. 8(10). ISSN no. 2231-1009. pp 1-3, 2018.
 - Priyanka Mathur & S. V. Chande. Evidence based Approach to Discover Effective Non-Functional Testing Technique(s) in Typical Software Domains. International Journal of Advanced Studies in Computer Science and Engineering, 6(11), 16-25, Impact Factor 0.418, 2017
 - Priyanka Mathur & S. V. Chande. Usability Testing Methods for Mobile Learning Applications. International Journal of Computer Science & Mobile Applications 5(10) 1-9 ISSN: 2321-8363 Impact Factor: 4.123, 2017.
 - Ruchi Nanda, Swati V. Chande, K S Sharma (2017). Determining Appropriate Cache-size for Cost-effective Cloud Database Queries. International Journal of Computer Applications, 157(6), 2017
 - Ruchi Nanda, Swati V. Chande, K S Sharma. Determining the Effect of Similar Queries in Cache-based Cloud Datastores. International Journal of Advanced Research in Computer Science, 8(3), 2017.
 - Ruchi Nanda, Swati V. Chande, K S Sharma, "Enhancing the Query Performance of NoSQL Datastores using Caching Framework", International Journal of Computer Science and Information Technologies, Vol. 7 (5), pp 2332-2336, 2016.
 - Anubha Jain, Swati V. Chande, Impact of Different Selection Strategies on Performance of GA Based Information Retrieval, International Journal of Computational Science & Applications (ISSN 2200 – 0011), Volume 5, Number 6, December 2015.
 - Swati V. Chande, A Conceptual Framework for Computational Thinking as a Pedagogical Device, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 11, November 2015, ISSN(Online): 2320-9801, ISSN (Print): 2320-9798, DOI: 10.15680/IJIRCCE.2015.0311104.
 - Shveta Parnami, K S Sharma, Swati V Chande, Empirical Validation of Test Case Generation based on All-edge Coverage Criteria, International Journal of Computer Applications (ISSN 0975 – 8887) Volume 126 – No.11, September 2015.
 - Harleen K. Flora, Xiaofeng Wang, Swati V. Chande, "An Investigation on the Characteristics of Mobile Applications: A Survey Study", International Journal of Information

- Technology and Computer Science, 2014, 11, 21-27, DOI: 10.5815/ijitcs.2014.11.03.
- Swati V. Chande, "Computational Sustainability: An Emerging Research and Academic Discipline", International Journal of Advances in Computer Science and Technology (IJACST) ISSN 2320 –2602, Vol.3, No.8, Global Impact Factor (GIF): 0.499, September 2014.
 - Anubha Jain, Swati V. Chande, Preeti Tiwari, "Relevance of Genetic Algorithm Strategies in Query Optimization in Information Retrieval", International Journal of Computer Science and Information Technologies, Volume 5 Number 4, 5921-5927, August 2014.
 - Harleen K. Flora, Xiaofeng Wang, Swati V. Chande, "An Investigation into Mobile Application Development Processes: Challenges and Best Practices", International Journal of Modern Education and Computer Science, vol.6, no.6, pp.1-9, 2014, DOI: 10.5815/ijmeecs.2014.06.01, June 2014.
 - Harleen K. Flora, Swati V. Chande, "A Systematic Study on Agile Software Development Methodologies and Practices", International Journal of Computer Science and Information Technologies, Vol. 5 (3), 2014, 3626-3637, ISSN: 09759646, Impact Factor: 2.93.
 - Harleen K. Flora, Xiaofeng Wang, Swati V. Chande, "Adopting an Agile Approach for the Development of Mobile Applications," International Journal of Computer Applications, ISBN: 973-93-80881-87-5, vol. 94, no. 17, pp. 43-50, DOI: 10.5120/16454-6199, May 2014.
 - Priyanka Mathur, Swati V. Chande, "Software Testing through Evidence Gathering," Discovery Journal, ISSN: 2278–5469, E-ISSN: 2278–5450, 15(41), Page 68-71, 2014.
 - Priyanka Mathur, Swati V. Chande, "Software Testing through Evidence Gathering", International Journal of Information and Computation Technology, ISSN 0974-2239, Volume 3, Number 7, 2013, pp. 625-632. Impact Factor 0.687.
 - Harleen K. Flora, Swati V. Chande, "A Review And Analysis on Mobile Application Development Processes using Agile Methodologies", International Journal of Research in Computer Science, Volume 3, Issue 4, pp. 8-18, DOI:10.7815/ijorcs.34.2013.068, ISSN (Online): 2249-8265, ISSN (Print):2249-8257, July 2013.
 - Preeti Tiwari, Swati V. Chande, "Optimization of Distributed Database Queries using Hybrids of Ant Colony Optimization Algorithm", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSE) [GIF Australia Impact Factor: 2.080], ISSN (Online): 2277-128X, ISSN(Print): 2277 6451, Volume 3, Issue 6, June 2013.
 - Priyanka Mathur, Swati V. Chande, "An Evidence-based Approach to Discovery and Assessment of Software Engineering Decisions", Special Issue of International Journal of Computer Applications (ISSN 0975 – 8887) on Issues and Challenges in Networking, Intelligence and Computing Technologies – ICNICT 2012, ISBN: 973-93-80870-09-1, Page 30-36, November 2012. Impact Factor 0.814.
 - Shveta Parnami, K S Sharma, Swati V Chande, "A Survey on Generation of Test Cases and Test Data Using Artificial Intelligence Techniques", UACEE International Journal of Artificial Intelligence and Neural Networks -Volume 2 :Issue 1,

Page 16-18, ISSN 2250 -3749, April 2012.

- M Sinha and S V Chande, "Query Optimization using Genetic Algorithms", Research Journal of Information Technology, ISSN 1815-7432, Science Alert, Volume 2, June 2010, Page 139-144, Academic Journals Inc. USA, Digital Object Identifier: 10.3923/rjit.2010.139.144. <http://scialert.net/qredirect.php?doi=rjit.0000.19638.19638&linkid=pdf>
- S V Chande and M Sinha, "Towards Evolutionary Approach for Database Query Optimization", International Journal of Advanced Engineering & Applications, Steps-India, Print ISSN 0975 – 7783, Online ISSN 0975 – 7791, June 2010.
- S V Chande and M Sinha, "Genetic Algorithm: A Versatile Optimization Tool", International Journal of Information Technology, Volume 1, Number 1, ISSN 0973 – 5658, March 2009.

National

- Anubha Jain, Swati V. Chande, Heuristic Optimization of Queries in Information Retrieval, Journal of IMS Group, Volume 10, No. 1, Jan-Jun 2013, pp 96-102.
- S V Chande, "HCI: Prospects and Step-ups", Oorja- Journal of Management and IT, Volume 2, Number 2, May-August 2004.

Papers Presented in Conferences

International

- Preeti Tiwari & Swati V. Chande. Join Query Optimization Using Genetic Ant Colony Optimization Algorithm for Distributed Databases. In International Conference on Emerging Technologies in Computer Engineering (pp. 224-239). Springer, Singapore, 2019.
- Anubha Jain, Swati V. Chande, Information Portal System for a Digital Campus based on Information Architecture, Proceedings of the IEEE International Conference on MOOC, Innovation and Technology in Education (MITE), 20-22 December, 2013, pp.349-352, DOI: 10.1109/MITE.2013.6756365, IEEE Xplore, Print ISBN: 978-1-4799-1625-2, INSPEC Accession Number: 14147751, IEEE..
- Preeti Tiwari, Swati V. Chande, Query Optimization Strategies in Distributed Databases, Proceedings of the 2nd International Conference on Emerging Trends in Engineering and Management, ISBN: 978-981-07-2631-7 Satyapriya group of Institutions, Rohtak, July 20-21, 2013.
- Shveta Parnami, K S Sharma, Swati V Chande, "A Survey on Generation of Test Cases and Test Data Using Artificial Intelligence Techniques", Proceedings of the International Conference on Advances in Computer Science and Electronics Engineering, Page 196-198, ISBN 978-981-07-1403-12-3, February, 2012, Digital Object Identifier:10.3850/978-981-07-1403-1_483.
- S V Chande and M Sinha, "Genetic Optimization for the Join Ordering Problem of Database Queries", Proceedings of IEEE India Conference, Hyderabad, India, IEEE INDICON, December 16-18, 2011, Pages 1-5, Print ISBN: 978-1-4577-1110-7, INSPEC Accession Number: 12506652, Digital Object Identifier: 10.1109/INDICON.2011.6139336, Published in IEEE Xplore, IEEE.
- C. Debana, S V Chande, "Intelligent Systems in Agile Project Management", Proceedings of the International Conference on Managing Excellence for Emerging Global Paradigm In

Mandatory Disclosure - MCA

Business & Technology, July 15-16, 2011.

- B Keswani, P Keswani, M Sharma, S V Chande, "New Electronic Business Models: Utilization of Private and Public WiFi Coverage using W-LAN", Proceedings of International Conference on Emerging & Futuristic System and Technology, LIET, Alwar, April 9-11, 2009.
- S V Chande and M Sinha, "Optimization of Relational Database Queries using Genetic Algorithms", Proceedings of the International Conference on Data Management, February 25-26, 2008, IMT Ghaziabad, Macmillan India Publishers.

National

- Preeti Tiwari, Swati V. Chande, Query Optimization in Distributed Databases using Hybrids of Ant Colony Optimization Algorithm, National Conference on Emerging Trends in Information Technology, Institute of Management Studies, Ghaziabad, November 24, 2012.
- Anubha Jain, Swati V. Chande, Heuristic Optimization of Queries in Information Retrieval, National Conference on Emerging Trends in Information Technology, Institute of Management Studies, Ghaziabad, November 24, 2012.
- Anubha Jain, S V Chande, "Enhancing Information Access and Retrieval Techniques to improve effectiveness of Information Architecture", 46th Annual Convention 2011 on ICT4U, Computer Society of India, Ahmedabad Chapter, December 01-03, 2011.
- S V Chande, "Corporate Initiatives to plug the gaps for quality IT education, Current state and future directions", National Conference on Restructuring of Global Economy: Challenges Ahead, Jaipur, April 19-20, 2011.
- S V Chande and M Sinha, "The use of Genetic Algorithms for Optimization of Relational Database Queries: A comparative Study", Proceedings of the IEEE Conference on Applications of Intelligent Systems (AIS 2008), 13-15 March, 2008.
- S V Chande, "Efficient Interaction: Human Computer Interface Design", Impulse, July 2003.
- S V Chande and A Sharma, "Expert Systems – Automating Expertise", I.T. (Information Technology) magazine, EFY, November 2002 issue.
- S V Chande, "Importance of Career Counseling", Turning Point, Rajasthan Patrika, 2000.

Newspapers/ Magazine Articles

PhD Guide Field & University

Yes

- Field: Computer Applications University: Rajasthan Technical University
- Field: Computer Science University: IIS (Deemed to be University)

PhD Guided/ Under Guidance

Guided: 06

Under Guidance: 07

Professional Memberships

- Institute of Electrical and Electronics Engineers (IEEE), USA
- Association of Computing Machinery (ACM), USA
- Machine Intelligence Research Labs, USA
- Technical Committee on Soft Computing, IEEE SMCS
- World Academy of Science, Engineering and Technology (WASET)
- South Asia Institute of Science and Engineering (SAISE) (Sr. Member)
- International Association of Computer Science and

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	<ul style="list-style-type: none">Information Technology, Singapore. (Sr. Member)International Association for Engineers, Hong KongIndian Association for Research in Computing ScienceComputer Society of IndiaIndian Society for Training and DevelopmentSpecial Interest Group in Artificial Intelligence (SIGAI) of the Computer Society of IndiaSpecial Interest Group on Software Engineering of the Computer Society of India
Consultancies/ Research Projects Undertaken	-
MDPs Undertaken	-
Awards and Recognitions	<ul style="list-style-type: none">Best Teacher Award, conferred in the category 'Teacher' at 5th Principals and Teachers Award 2016 ceremony, organized by Simply Jaipur, September-2016, at Birla Auditorium, Jaipur.Top Mentor Award, IBM AI, for guiding participants of the IBM TGMC competition, 2014.Award for meritorious services to the cause of education, International School of Informatics and Management, 2004.'Best Essay' prize in the 'IT for Productivity' based Essay competition organized by the Department of Information Technology, Government of Rajasthan, in 1999Session Chair, 5th International Conference on ICT for Sustainable development (ICT4SD 2020), Goa, India, 23-24 July, 2020.Session Chair, International Conference on Mathematical Modeling and Computing, Jaipur, April 6-7, 2018.Invited Speaker, National Conference on Emerging Computing Technologies in Modern Era (ECTME-14), Jaipur, January 22-23, 2014.Session Chair, National Conference on Data Management and Security (NCDMS 2011), Jaipur, India, September 22-23, 2011.Resource person for "Workshop on concepts and techniques of Evaluation and Measurement", International College for Girls, Jaipur, April 21-22, 2008Resource Person for the Refresher Course in Information Technology, Conducted at the Center for Converging Technologies, University of Rajasthan, Jaipur, from November 11, 2013 to November 30, 2013. Conducted sessions on Artificial Intelligence and Bio Inspired Computing.Resource Person for the Refresher Course in Information Technology, conducted by the Academic Staff College, University of Rajasthan, December 2012-January 2013. Conducted sessions on 'Nature Inspired Computing' and 'GeoInformatics'.Resource person for the AICTE sponsored Faculty Development Programme on Fuzzy Logic and Neural Networks for Forecasting, Sri Balaji College of Engineering and Technology, Jaipur. Conducted Sessions on "Genetic Algorithms for Forecasting", June 04-19, 2012.Resource person for the training programme for PGT(Commerce) for teaching Computer Applications in Commerce conducted by the Kendriya Vidyalaya Sangathan at KV6, Jaipur, October 16-17, 2007.Resource person for the Refresher Course in Information
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	

Technology, conducted by the Academic Staff College, University of Rajasthan, February 23-24, 2007. Conducted sessions on Artificial Intelligence and Soft Computing.

- Orientation Program in computers for the faculty and staff of The IIS Institutional Network, Jaipur, April 28, 2006 – May 30, 2006.
- Faculty Development Program on "Genetic Algorithms: A practical approach", for Computer Science faculty, IIIM, Jaipur, March 27, 2006.
- Resource person for the Refresher Course in Information Technology, conducted by the Academic Staff College, University of Rajasthan, February 20-22, 2006. Conducted sessions on Artificial Intelligence, Soft Computing and Natural Language Processing.
- FDP on 'Teaching Techniques' for Computer Science faculty of India International School and International College for Girls, Jaipur, September 2001.
- Associate Editor, International Journal of Computational Intelligence Techniques, ISSN: 0976-0466 & E-ISSN: 0976-0474.
- Associate Editor, Journal of Data Mining and Knowledge Discovery, ISSN: 2229-6662 & ISSN: 2229-6670.
- Member, Editorial team, Oorja, International Journal of Management and IT, ISSN: 0974-7869.
- Reviewer, International Journal of Computer and Electrical Engineering, ISSN: 1793-8198 (Online Version); 1793-8163 (Print Version).
- Reviewer for publications of South Asia Institute of Science and Engineering (SAISE).
- Scientific and Technical Committee & Editorial Review Board Member, World Academy of Science, Engineering and Technology (WASET)

Editorial Appointments/ Reviewer

Editorial Board Member for

- International Conference on Signal Propagation and Computer Technology 2014 (ICSPCT 2014), Ajmer, July 12-13 2014.
- International Conference on Advances in Computer Science and Electronics Engineering, held in New Delhi, Feb. 2-3, 2012.
- International Conference on Advances in Computer, Electronics and Electrical Engineering, Mumbai, March 25-26, 2012.
- National Conference on Innovative & Sustainable Global Solutions to Business Management & IT Issues, Jaipur, April 19-20, 2012.
- International Conference on Pervasive Computing and Communication, New Delhi (NCR), June 02-03, 2012.
- Second International Conference on Advances in Computing, Communication and Networks, New Delhi, June 16-17, 2012.
- Second International Conference on Advances in Electronics, Electrical and Computer Science Engineering, Dehradun, July 7-9, 2012.
- Sixth International Conference on Innovations in Bio-Inspired Computing and Applications (iBICA 2015), Kochi, India, December 16-18, 2015.
- Fifth World Congress on Information and Communication Technologies (WICT 2015), November 29-December 01,

Conference Committee Memberships

Mandatory Disclosure - MCA

2015.

- Fifteenth International Conference on Hybrid Intelligent Systems (HIS 2015) in Seoul, South Korea.
- Eighth India Software Engineering Conference, Bangalore, India, February 18-20, 2015.
- Seventh International Conference on Computational Aspects of Social Networks (CASoN 2015), December 01-03, 2015, Pietermaritzburg, South Africa.
- Fourth World Congress on Information and Communication Technologies (WICT 2014), Melaka, Melaka, 8 – 11 December, 2014.
- Sixth World Congress on Nature and Biologically Inspired Computing (NaBIC2014), Porto, Portugal, July 30, 31-August 01, 2014.
- Sixth International Conference on Computational Aspects of Social Networks (CASoN2014), Porto, Portugal, July 30, 31-August 01, 2014.
- First Euro-China Conference on Intelligent Data Analysis and Applications, June 13-15, 2014 Shenzhen, China.
- Fifth World Congress on Nature and Biologically Inspired Computing (NaBIC2013), Fargo, USA, August 12-14, 2013.
- Thirteenth International Conference on Hybrid Intelligent Systems (HIS 2013), Tunis, Tunisia, December 4-6, 2013.
- Thirteenth International Conference on Intelligent Systems Design and Applications (ISDA), Malaysia December 8-10, 2013.
- Fourth International Conference of Soft Computing and Pattern Recognition (SoCPaR 2012), Brunei, December 10-13, 2012.
- Twelfth International Conference on Hybrid Intelligent Systems (HIS 2012), Pune, India, December 04-07, 2012.
- Twelfth International Conference on Intelligent Systems Design and Applications (ISDA), Kochi, India, November 27-29, 2012.
- Fourth World Congress on Nature and Biologically Inspired Computing (NaBIC2012), Mexico City, Mexico, November 05-09, 2012.
- Second World Congress on Information and Communication Technologies (WICT 2012), Trivandrum, India, November 01-02, 2012.
- Member of the Academic Council of the Rajasthan Technical University, Kota, 2014-15, 2015-16, 2017-18.
- Member of the Academic Council of The IIS University, Jaipur, 2010-till date.
- Member of the Research Board, Rajasthan Technical University, Kota, 2016-17, 2018-19.
- Member of the Board of Studies, Computer Applications, Rajasthan Technical University, Kota, 2014-2019.
- Member of the Board of Studies, Computer Science and IT, IIS (deemed to be UNIVERSITY), Jaipur, 2015-till date.
- Convener, Departmental Research Committee, Computing Sciences, IIS (deemed to be UNIVERSITY), Jaipur, 2010-11, 2011-12, 2012-13.
- External Expert, Departmental Research Committee (CS/CSE/IT), Suresh Gyan Vihar University, Jaipur, 2015.
- Member of Syllabus Committee for the M.Sc. (Computer Science) programme, Central University of Rajasthan, Jaipur,

Academic Committee Memberships

Mandatory Disclosure - MCA

FDP/Workshops attended

- 2010-11, 2011-12, 2012-13.
- Member of Syllabus Committee for the M.Sc. (Computer Sc.) programme, IIS (deemed to be UNIVERSITY), Jaipur, 2010-11.
- Member of Syllabus Committee for the MBA programme, IIS (deemed to be UNIVERSITY), Jaipur, 2010-11.
- Member of Syllabus Committee for the PG Diploma in Computer Networks, IIS (deemed to be UNIVERSITY),, 2010-11.
- Member of the panel of experts for the Board of Studies (Computer Science) of the Jayoti Vidyapeeth Women's University, Jaipur, 2009-10.
- Member of the Expert committee for exploring and recommending the possibilities of launching M.Sc. (Computer Science) programme of the Vardhaman Mahaveer Open University, Kota, 2009-10.
- Member of Syllabus Committee for the M.Sc. (Computer Science) programme of the Vardhaman Mahaveer Open University, Kota, 2009-10.
- Academic Counselor at IGNOU.
- Universal Human Values for DEEKSHARAMBH (Student Induction Program), NIT Patna, 21st September – 25th September, 2020.
- Participated in the Faculty Development Programme on "BlueMix Enablement" conducted by IBM Software, India at International School of Informatics and Management, Jaipur held on 23rd July, 2014.
- Participated in a Faculty Development Programme on "Developing World Class Teaching Competencies: A New Perspective" sponsored by AICTE, New Delhi in Collaboration with RTU, Kota held by International School of Informatics & Management, Jaipur from 01-15 May, 2008.
- Participated in a Faculty Development Programme –FEEL Teacher organized by College for Leadership and Human Resource Development (CLHRD) , Manglore at International College for Girls, Jaipur from 25-27 April , 2005.
- Participated in a Faculty Development Programme on " Road Map to Sustaining Academic Excellence in Management & IT Education" organized in Collaboration with Rajasthan Technical University, Kota held by International School of Informatics & Management, Jaipur from 18 to 31 July 2007.
- Participated in Faculty Development Programme on " Innovative Techniques in Management: Research & Cases" organized by International Institute of Informatics and Management, Jaipur held on 17 December, 2006.
- Participated in Faculty Development Programme on " Road Map to Sustaining Academic Excellence in Management & IT Education" organized by International School of Informatics and Management, Jaipur from 18-31 July, 2007.
- Participated in Faculty Development Programme on " Developing World Class Teaching Competencies: A New Perspective" sponsored by AICTE, New Delhi in Collaboration with RTU, Kota organized on 1-15 May, 2008.
- Participated in Workshop on " Success Mantras to Excel in the Contemporary Environment" Organized by International Institute of Informatics and Management, Jaipur held on 28th November, 2006

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- Participated in Workshop on "Lateral Thinking" Organized by India International Institute of Management, Jaipur held on 30th August, 2003.
- Participated in Workshop on "Revolutionizing HR: The new ways of managing people" Organized by India International Institute of Management, Jaipur held on 29th November, 2003.
- Participated in Workshop on "ABC of Success: The Menu Card of Life" Organized by India International Institute of Management, Jaipur held on 22th November, 2004.
- Participated in Workshop on "Enterprise Application Development with IBM Software" Organized by India International Institute of Management, Jaipur held on 5-7 October, 2005.



Faculty Profile

Name of Teaching Staff	DR. VIJAY GUPTA
Designation	Associate Professor
AICTE ID	1-456778662
Date of Birth	9/30/1976
Department	MCA
Date of Joining the Institution	2/4/2003
Academic Qualifications	PhD- Awarded PG- M. Tech(C.S.), DOEACC B-Level , MBA UG- B.Sc Any Other- M.Sc.(Computer Science)
Total Experience in Years	Teaching: 18 Years Industry: 1.5 Years
Research Areas/ Areas of Interest	Software Engineering, Data Warehousing, Data Mining and Databases
Significant Publications: Books	"E-Banking and Security Transactions" published by Allied Publications, Jaipur.
Units/ Chapters Authored Papers in Journals	International: No: 5 Details: <ul style="list-style-type: none">• Gupta V. (2019, May). An Analysis of Data Visualization tools. International Journal of Computer Applications (IJCA). ISSN: 0975-8887.• Gupta, V and Sharma, Y (2017). Digital India: Initiatives, Modes and Effect in Current Scenario. International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 6, Issue 3 March 2017• Gupta, V and Singh, J(2014) . A Review of Data Warehousing and Business Intelligence in different perspective. International Journal of Computer Science and Information Technologies, 5(6), 8263-8268, ISSN: 0975-9646 8263-8268.• Gupta, V (2013). Metadata Management in Data Warehousing and Business Intelligence. International Journal of Research in Commerce, IT & Management. 3(3), ISSN 2231-5756• Gupta, V. (2004) .RFID. International Journal of Management & IT: OORJA, ISSN:0974-7869 National : No: 2 Details: <ul style="list-style-type: none">• Khushboo Choudhary & Dr. Vijay Gupta. TV Show Popularity Analysis Using Data Mining. IMPETUS Xavier's Interdisciplinary Research Journal (Accepted for Publication)

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ISSN: 2278-0254

- Sharma L. & Gupta V. (May 2019). A Comparative Study of Data Analytics Open Source Tools. National Journal of Multidisciplinary Research and Development. ISSN: 2455-9040

Papers Presented in Conferences

International

No: 5

Details:

- 1. Paper Presented on "The Impact of Machine Learning and AI on Manufacturing" in ICMIT-2019: Evolving Research Frontiers in Management and Computer Science, held in International School of Informatics and Management, Jaipur on 11-12 April, 2019
- 2. Paper Presented on "TV Show Popularity Analysis Using Data Mining" in ICMIT-2019: Evolving Research Frontiers in Management and Computer Science, held in International School of Informatics and Management, Jaipur on 11-12 April, 2019
- 3. Paper Presented on "Recent Trends in Cognitive Analytics" in ICMIT-2018: Business Intelligence and Analytics: Emerging Strategies and Technologies, held in International School of Informatics and Management, Jaipur on 12-13 April, 2018.
- 4. Paper Presented on " A Statistical Analysis of Impact of metadata in data warehousing" in INDIACOM-2016, IEEE Conference ID 37464, Computing for Sustainable Global Development, held in Bharati Vidyapeeth, New Delhi on 16-18 March, 2016.
- 5. Paper Presented on " Improvement in Teaching and Learning through Data Mining and Data Analytics" in ICMIT-2015, Technical and Higher Education in India: Emerging Trends held in ISIM , Jaipur on 10-11 April, 2015

National

No:2

Details:

- Paper published on "Metadata Management in Data Warehousing" in National Conference on Role of Information and Communication Technology in Higher Education, Sponsored by UGC, New Delhi held in Seth Motilal(P.G.) College, Jhunjhunu on 12-13 Feb. 2012
- Paper Published on "Data Warehousing" in ETA-2006, Conference held in Saurashtra University on 1st -2nd Oct.2006

Cases Published -

Newspapers/ Magazine Articles -

PhD Guide

Field: Computer Science **University:** Rajasthan Technical University

Field & University

PhD Guided/ Under Guidance 4

Professional Memberships

- Association for Computing Machinery(ACM)
- Computer Society of India – Jaipur Chapter with Membership ID: 2010000389

Consultancies/ Research Projects Undertaken -

MDPs Undertaken -

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Awards and Recognitions

Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars

- Resource Person for Value Added Course in Office Administration at Indus International University, Una, Himachal Pradesh. On June 13, 2020.
- Resource Person for Excel Workshop for MBA students at IIIM in March 2019.
- Session Chair: International Conference on Emerging Trends in Expert Applications & Security (ICETEAS-2018), Jaipur Engineering College & Research Centre, Jaipur, INDIA, February 17-18, 2018
- Resource Person for Information Technology Workshop for MBA students at IIIM on March 15, 2017
- Resource Person for Excel Workshop for MBA students at IIIM on April 18, 2017

Editorial Appointments/ Reviewer

Conference Committee Memberships

Academic Committee Memberships

- External examiner/ paper setter for Banasthali Vidyapeeth, University of Kota, Rajasthan Technical University, University of Rajasthan, Lachoo Memorial College of Science and Technology, Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Computer Science theory/ practical examinations

FDP/Workshops attended

- Participated in five day online Faculty Development Programme on "on Universal Human Values for DEEKSHARAMBH (Student Induction Program)" organized by NIT Patna during 23-27 November 2020.
- Participated in 5Days RTU TEQIP-III Sponsored Faculty Development Programme on "Blockchain & Its Applications" jointly organized by RTU Kota and Poornima Institute of Engineering & Technology, Jaipur held from 15- 19 September, 2020.
- Participated in One day Workshop on "District level Consultative and Orientation Workshop" held on 7th July 2020 at MNIT, Jaipur.
- Participated in Faculty Development Programme on "Advanced Data Science and its Applications" conducted Department of CSE & IT, BVRIT HYDERABAD College of Engineering for Women from 22- 26June, 2020.
- Participated in Faculty Development Programme on "Emerging Trends in Research Methodologies" conducted M. M. Institute of Computer Technology and Business Management (MCA), Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala held on 9th June, 2020.
- Participated in Faculty Development Programme on "Next Generation Intelligence" conducted by Computer Society of India, St. Peter's Institute of Higher Education and Research, Chennai from 20-25 May, 2020.
- Participated in One day Online Workshop on "Image Classification using MATLAB" conducted by Dept. of CSE, SCSE, Jain Deemed to be University, Bangalore held on 24th May, 2020.
- Participated in Faculty Development Programme on "Drum Circle" conducted by IIIM, Jaipur held on 18th April, 2018.

Mandatory Disclosure - MCA

- Participated in Faculty Development Programme on " Python Programming Language "conducted by TechnoGlobe, Jaipur at International School of Informatics and Management, Jaipur from 21-23 Feb., 2018.
- Participated in Faculty Development Programme on " Android Developer Fundamentals Training" conducted by Google and RTU Kota at International School of Informatics and Management, Jaipur from 13-17 November, 2017
- Participated in Faculty Development Programme on " SciLab Software" conducted by Spoken Tutorial Project of IIT Bombay, at International School of Informatics and Management, Jaipur held on 12th July, 2017
- Participated in Faculty Development Programme on "Effective Teaching and Research Methods for Academicians, Research Scholars and Practitioners " conducted by AIMS at International School of Informatics and Management, Jaipur held from 07-08 July, 2017
- Participated in Faculty Development Programme on "Libre Office Suite Calc Software " conducted by Spoken Tutorial Project of IIT Bombay, at International School of Informatics and Management, Jaipur held on 11th July, 2017
- Participated in the Faculty Development Programme on "BlueMix Enablement" conducted by IBM Software, India at International School of Informatics and Management, Jaipur held on 23rd July, 2014.
- Participated in the Faculty Development Programme on "Disaster Management, Quality Assurance & Software Estimation, Information Security, Green IT " conducted by Tata Consultancy Services at JECRC, Jaipur held on 10th July, 2012.
- Participated in the Faculty Development Programme on "Application of Information Security & Risk Management" conducted by Tata Consultancy Services at Poornima College of Engineering, Jaipur Campus held on 4th September, 2010.
- Participated in a Faculty Development Programme on "Developing World Class Teaching Competencies: A New Perspective" sponsored by AICTE, New Delhi in Collaboration with RTU, Kota held by International School of Informatics & Management, Jaipur from 01-15 May, 2008.
- Participated in a Faculty Development Programme –FEEL Teacher organized by College for Leadership and Human Resource Development (CLHRD), Manglore at International College for Girls, Jaipur from 25-27 April , 2005.
- Participated in a Faculty Development Programme on "Road Map to Sustaining Academic Excellence in Management & IT Education" organized in Collaboration with Rajasthan Technical University, Kota held by International School of Informatics & Management, Jaipur from 18 to 31 July 2007.
- Participated in Faculty Development Programme on "Innovative Techniques in Management: Research & Cases" organized by International Institute of Informatics and Management, Jaipur held on 17 December, 2006.
- Participated in Faculty Development Programme on "Road Map to Sustaining Academic Excellence in Management & IT Education" organized by International School of Informatics and Management, Jaipur from 18-31 July, 2007.
- Participated in Faculty Development Programme on

Mandatory Disclosure - MCA

“Developing World Class Teaching Competencies: A New Perspective” sponsored by AICTE, New Delhi in Collaboration with RTU, Kota organized on 1-15 May, 2008.

- Participated in the Refresher Course on “National Service Scheme Programme Officers” at the HCM Rajasthan State Institute of Public Administration from 26th to 30th March, 2012.
- Participated in a Two-week ISTE WORKSHOP on Software Development Techniques for Teachers of Engineering and Science Institutes conducted by Indian Institute of Technology Bombay from 5th Nov. to 4th Dec., 2011.
- Participated in Five-day workshop on “Data Mining Techniques for Bioinformatics” organized by Advanced Bioinformatics Centre Birla Institute of Scientific Research, Statue Circle, Jaipur.
- Duke University Course Certificate on “ Introduction to Probability and Data With R” through Coursera.
- IBM Certified Database Associate – DB2 9 Fundamentals
- IBM Certified Solution Designer - Rational Functional Tester for Java
- IBM Certified Associate Developer -- Rational Application Developer for Web Sphere Software V6.0
- IBM Certified Solution Developer - WebSphere Integration Developer V6.2
- IBM Certified Associate System Administrator - Lotus Notes and Domino 8

Certificate Courses



Faculty Profile

Name of Teaching Staff	DR. MONIKA RATHORE
Designation	Associate Professor
Department	MCA (Computer Science)
AICTE ID	1-456778438
Date of Birth	9/30/1983
Date of Joining the Institution	4-Aug-10
Academic Qualifications	B.SC , MCA , PhD (Computer Science) IBM Certified Associate developer (Rational Application developer for Web Sphere Software V6.0 IBM Certified Academic Associate (DB2 9 Database and application Fundamentals) IBM Certified Solution Designer (Rational Functional Tester for JAVA) IBM Certified Solution Developer Websphere Integration Developer V6.2) IBM Certified Associate System Administrator Lotus Notes and Domino 8
Total Experience in Years	14 years
Research Areas/ Areas of Interest	Data warehouse , Data Mining , Data Structure, Analysis and Design of Algorithms
Papers in Journals	International <ul style="list-style-type: none">• Monika Rathore , Dr. Vijay Singh Rathore "Comparative study of DB2, ORACLE, SQL SERVER AND MY SQL for implementing Data Warehouse" Published in International Research Journal for Management and Computer Application. VOLUME02, 88 TO 93, ISSN NO. 2250- 0529• Monika Rathore , Dr. Vijay Singh Rathore "Study and Analysis of Active Data Warehousing and its Implementation in Sun Oracle Data Base" published in IJJDWM , NOVEMBER 2013, Volume 3 (ISSUE 4), 212 to 216, ISSN (Print): 2249 –7161, ISSN (Online): 2249 –2186 Impact: 2.456• Monika Rathore , Dr. Vijay Singh Rathore, Dr.Ripu Ranjan Sinha "Unique Data Model for Data warehouse: Characteristics, Benefits and Limitations" Published in International Journal of Innovations in Engineering and Technology, February 2016 Volume 06(ISSUE 3) 387-392, ISSN NO. 2319-1058 Impact: 0.6• Dr. Monika Rathore , Ms. Yogita Sharma "" Architectural, Performance and Security variations of ORACLE & DB2 Data Warhouse " Published in in International Journal of Engineering Trends & Technology (IJETT),.Volume-41 2016 Impact Factor 1.656• Dr. Monika Rathore "Comparative Analysis of Data extraction Association rule Algorithm" published in IJCSIT , VOLUME-08(ISSUE 3),498-501 ,ISSN 0975-9646 Impact Factor 3.32.• Dr. Monika Rathore" Hadoop Map Reduce Framework for Automated Banking System" Published in International

Journal of Computer Science and Mobile Applications, Vol.6 Issue. 1, pg. 23-30, ISSN 2321-8363 , January- 2018, Impact Factor -5.515

- Apoorva verma ,Dr Monika Rathore "Big Data-Trends, Analysis and Challenges" Published in JETIR August 2018, Volume 5, Issue 8 pg.441-448
- Aditi Tulchhia, Dr Monika Rathore " A Literature Survey on Big Data Analytics in Context of Smart Cities" Published in International Journal of Modern Electronics and Communication Engineering (IJMECE), Volume No 6 , Issue No. 6 November 2018 ISSN: 2321-2152
- Monika Rathore , Harshita Bhati , Shashank Goswami " Modelling Rajasthan Assembly Election: Sentimental Analysis of Rajasthan Political Twitter Data" presented and published research paper in Elsevier SSRN International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019) , held in Amity University Rajasthan, Jaipur,India on February 26 - 28, 2019. Available at <https://ssrn.com/abstract=3363097>
<https://dx.doi.org/10.2139/ssrn.3363097>
- Dr. Monika Rathore ,Shruti Gupta "Composite Framework of Artificial Neural Network and Decision Tree Algorithm for Prediction of Fraudulent firm using Audit Dataset" Presented in FICR International Conference on Rising Threats in Expert Applications and Solutions" on 17-19 January 2020, organized by IIS (deemed to be) University, Jaipur. Published in Rising threats in expert applications and solutions (Scopus Indexed)
- Dr. Monika Rathore ,Shruti Gupta "Decision Tree Using Artificial Neural Network : A Proposed Model " Presented in 2nd International Conference on Communication & Computational Technologies (ICCCT 2019) held on 30th – 31st August 2019 at Rajasthan Institute of Engineering & Technology , Jaipur . Published in Proceedings of International conference on communication and Computational technologies (Springer)
- Dr. Monika Rathore ,Shruti Gupta " A Comparative Analysis of R and WEKA For Market Basket Analysis using Apriory Algorithm " Presented in 2nd International Conference on Communication & Computational Technologies (ICCCT 2019) held on 30th – 31st August 2019 at Rajasthan Institute of Engineering & Technology , Jaipur. Published in Proceedings of International conference on communication and Computational technologies (Springer)
- Dr Monika Rathore, Pratiksha Tanwar "Cognitive Study of Data Mining Techniques in Educational Data Mining for Higher Education " Presented and selected to be published in Fifth International Conference on Information and Communication Technology for Competitive Strategies ICTCS 2020 (Springer)(Scopus Indexed)

Papers Presented in Conferences

INTERNATIONAL

- Monika Rathore "Oracle: A RDBMS Which Entirely Supports Data Warehousing" Presented in International Conference "Gen Next: The Green Engineering & Digital Era" organized by Biyani group of institution held on 23-24 September 2011.
- Contributed a Research paper on " Study and Analysis of Data Warehousing in the Era of Big Data " in International

Mandatory Disclosure - MCA

Conference on Management and IT on "Big Data and Internet of Things: Technology and Impact on Business and Management", ICMIT 2016 organized by IIIM, The IIS University, Jaipur and Indus International University, Una, HP on 16-17 August 2016

- Dr. Monika Rathore " A comparative analysis of R and WEKA for Market Basket Analysis using Apriory Algorithm in 2nd International conference on Communication & Computational Technologies (ICCCT2019) held on 30th & 31st August 2019 at RIET,JAIPUR in association with Springer
- Dr. Monika Rathore ,Ms. Shruti Gupta "Decision Tree using Artificial Neural Network : A proposed Model " in 2nd International conference on Communication & Computational Technologies (ICCCT2019) held on 30th & 31st August 2019 at RIET,JAIPUR in association with Springer

NATIONAL

National and International Conferences

- Monika Rathore , Dr. Vijay Singh Rathore "Metadata Oriented Security Framework for Data Warehouse" Presented in National Conference on Network & Information Security held during 14 & 15 May 2010 at RCEW Jaipur, Rajasthan in association with IEEE.
- Monika Rathore , Dr. Vijay Singh Rathore "Data Warehouse: An essential part of Business Intelligence "Presented in National Conference on Management and Information Technology "Restructuring of global economy :challenges ahead organized by ISIM and IIS University, Jaipur. Held on 19-20 April 2011.
- Monika Rathore (Study and Analysis of key steps of Data Warehouse initialization) Presented in 27th national conference on Advance in MEMS and Robotics in Manufacturing industries organized by the institution of engineers (India) at Jaipur on 03-04 September 2011.
- Monika Rathore "A Study of Meta Data: Its Significance in Data Warehouse and various maintenance requirement" Presented in National Conference on Management and I.T held on 19-20 April, 2012.
- Monika Rathore , Dr. Vijay Singh Rathore "The Impact of Network Storage in DB2 and ORACLE Data Warehouse" Presented in National Conference" Entrepreneurship and Innovation: Catalyst & Effects" on Management and I.T organized by IIS University & ISIM Jaipur.
- Attended Four Day Workshop on Android Development organized by Google in collaboration with RTU KOTA
- Attended four day workshop on PYTHON Organized by IIIM in collaboration with Technoglobe Solutions

**FDP/Workshops
Attended**

**PhD Guide
Field & University
PhD Guided/ Under
Guidance
Professional
Memberships**

Field – Computer Application

University – Rajasthan Technical University, Kota

Under guidance – 5 Research scholar of Rajasthan Technical University, Kota

- Member of Editorial Board of "OORJA" International Journal of Management & IT
- Member of Board of studies(MCA) of IIS University
- Member, International Association of Engineers (IAENG), Hong Kong
- Member, Computer Science Teachers Association (CSTA), ACM, USA

Mandatory Disclosure - MCA

**Editorial Appointments/
Reviewer
Conference Committee
Memberships
Academic Committee
Memberships**

Member, Editorial Board, OORJA: A Bi-annual Refereed International Journal of Management & IT.

Programme committee member of SUSCOM 2020 (ELSEVIER CONFERENCE) held in AMITY, JAIPUR

- Member, Editorial Board, OORJA: A Bi-annual Refereed International Journal of Management & IT.
- Member of Academic & Curriculum Review Committee (ACRC), IIIM, Jaipur.
- Paper-Setter, External Examiner for Rajasthan Technical University
- Member of Board of Studies, The IIS University, Jaipur
- Approved Ph.D. guide with The Rajasthan Technical University Kota.
- Approved Academic Counselor IGNOU- MCA course.
- Paper-Setter, External Examiner for The IIS University.
- Paper-Setter ,External Examiner for Poornima University , Jaipur.
- Paper-Setter, External Examiner for Rajasthan University, Jaipur
- Member of Anti Ragging Committee at International School of Informatics and Management
- Member of Admission Committee at International School of Informatics and Management



Faculty Profile

Name of Teaching Staff	DR. PREETI TIWARI
Designation	Senior Assistant Professor
AICTE ID	1-456898128
Date of Birth	9/17/1976
Department	MCA
Date of Joining the Institution	19-Jul-10
Academic Qualifications	PhD-A Hybrid of Ant Colony Optimization for Join Queries in Distributed Databases (Awarded in Dec 2018 from IIS (Deemed to be UNIVERSITY), Jaipur) PG- MCA (2001), University of Rajasthan UG - BSc (Hons.) Chemistry with Industrial Microbiology (1997) University of Rajasthan Any Other- BBM (Bachelors in Business Management) (1998) Jain Vishva Bharti University, Ladnun
Total Experience in Years	Teaching: 19 Years Industry: 1 Year
Research Areas/ Areas of Interest	Database Management System, Soft Computing, Evolutionary Algorithms
Significant Publications:	-
Books	-
Units/ Chapters Authored	-
Papers in Journals	International: <ul style="list-style-type: none">• Tiwari, P., & Chande, S. V. (2019, February). Join Query Optimization Using Genetic Ant Colony Optimization Algorithm for Distributed Databases. In International Conference on Emerging Technologies in Computer Engineering, Vol 985 , pp. 224-239, Communications in Computer and Information Science (CCIS), Springer, Singapore, ISBN 978-981-13-8300-7 (eBook), ISSN 1865-0937 (electronic), https://doi.org/10.1007/978-981-13-8300-7.• Verma A. and Tiwari P. (2019) Comparison of Clustering Techniques for Big Data, Journal of Emerging Technologies and Innovative Research (JETIR), April 2019, 6 (4), 604-606, ISSN : 2349-5162 (UGC Approved, Impact Factor: 5.87)• Tiwari, P., & Chande, S. V. (2019), Optimal Ant and Join Cardinality for Distributed Query Optimization Using Ant Colony Optimization Algorithm, In Emerging Trends in Expert Applications and Security, Advances in Intelligent Systems and Computing (AISC), Springer, Singapore, Vol. 841, pp. 385-392, https://doi.org/10.1007/978-981-13-2285-3_45• Tiwari, P., and Chande S. V. (2015) Hybrids of Ant Colony Optimization Algorithm- A Versatile Tool, International Journal of Engineering Development and Research (IJEDR) , 3(2), 374-381, e-ISSN: 2321-9939, Impact Factor: 1.79 (Calculated by UIF), http://www.ijedr.org/papers/IJEDR1502071.pdf

(UGC Approved)

- Jain A., Chande S.V. and Tiwari P. (2014) Relevance of Genetic Algorithm Strategies in Query Optimization in Information Retrieval, International Journal of Computer Science and Information Technologies (IJCSIT), 5(4), 5921-5927, ISSN: 0975 9646 (UGC Approved)
- Tiwari P., and Jain A. (2013) Query Optimization Strategies in Distributed Database, International Journal of Advances in Engineering Sciences (IJAES), 3(3), 23-29, e-ISSN:2231-0347, print-ISSN:2231-2013
- Tiwari, P., and Chande S. V. (2013) Optimization of Distributed Database Queries Using Hybrids of Ant Colony Optimization Algorithm, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), 3(6), 609-614, ISSN No:2277 228X (UGC Approved)
- Dixit K., Tiwari P., Tiwari P., (2014) Infusing Health and nature in Customer's Lives through Innovative Organic Initiatives: A Case Study of the Living Greens Organics Pvt. Ltd., BIMTECH 2014 - Strategic Initiatives for Competitive Advantage in the Knowledge Society Published by BloomsBury Publishing India Pvt. Ltd, New Delhi, ISBN : 978-93-82951-43-8

Papers Presented in Conferences

National:

International:

- Presented Research Paper on "Comparative Study of Query Optimization Techniques in Cloud Database" in 10th International Conference on Management and IT – Innovations in Information Technology & Business Management for Sustainability (ICMIT 2020) organized by IIIM, IIS deemed to be University, Jaipur and Indus International University, Una, HP, 08-09 August 2020
- Presented Research Paper on "Conversational Response Analysis using Chatbots" in 9th International Conference on Management and IT – Evolving Research Frontiers in Management and Computer Science (ICMIT 2019) organized by IIIM, IIS deemed to be University, Jaipur and Indus International University, Una, HP, 11-12 April 2019
- Presented Research Paper on "Empirical Analysis of Swap Mutation Probability in genetic Algorithm" in 9th International Conference on management and IT – Evolving Research Frontiers in Management and Computer Science (ICMIT 2019) organized by IIIM, IIS deemed to be University, Jaipur and Indus International University, Una, HP, 11-12 April 2019
- Presented Thesis on PhD Symposium- Best PhD Thesis Award, MIND 2019, 1st International Conference on Machine Learning, Image Processing, Networks and Data Sciences, Department of Computer Engineering, National Institute of Technology(NIT), Kurukshetra, India, March 3-4, 2019
- Presented a Research Paper on "Join Query Optimization using Genetic Ant Colony Optimization Algorithm for Distributed Databases" in 2nd International Conference on Emerging Technologies and Computer Engineering: Micro-services in Big Data Analytics, ICETEAS-2019, SKIT, Jaipur, 01-02 Feb 2019
- Presented a Research paper on "Social Media Analytics: Tools

and Techniques” in 4th International Conference on “Business Intelligence & Analytics: Emerging Strategies and Techniques”, ICMIT-2018 organized by IIIM, The IIS University, Jaipur and Indus International University, Una, HP on 12-13 April 2018

- Presented a Research Paper on “Optimal Ant and Join Cardinality for Distributed Query Optimization using Ant Colony Optimization Algorithm” in International Conference on Emerging Trends in Expert Applications and Security”, ICETEAS-2018 organized by Jaipur Engineering College and Research Center (JECRC), Jaipur on 17-18 February 2018.
- Presented a Research Paper on “Urban Farming: Converting Concrete Jungles into Lush Green Farms” in 3rd International Conference on “Transforming India: Initiatives, Challenges and Road Ahead”, ICMIT-2017 organized by IIIM, The IIS University, Jaipur and Indus International University, Una, HP on 28-29 April 2017
- Presented a Research Paper on “Internet of Things: Impact on Security and Risk” in International Conference on Management and IT on “Big Data and Internet of Things: Technology and Impact on Business and Management”, ICMIT 2016 organized by IIIM, The IIS University, Jaipur and Indus International University, Una, HP on 16-17 August 2016
- Presented a Research Paper on “Optimization Strategies in Distributed Database” in 2nd International Conference on “Emerging Trends in Engineering and Management”, ICETEM 2013, organized by Satpriya Group of Institutions, Rohtak (INDIA), scheduled on 20-21 July 2013
- Presented a Research Paper on “Query Optimization in Distributed Database Management System” in the International Conference – 6th Biocon-11 on “GenNext: The Green Engineering and Digital Era” organized by Biyani’s Group of Colleges, Jaipur in September 2011

National :

- Presented a Research Paper on “A Study on Hybrids of Ant Colony optimization Algorithm” in a National Conference on “Future Directions in Multidisciplinary Perspective of Computer Science and Information Technology: Scope & Challenges” (FDMPCSIT2015) organized by The IIS University, Jaipur scheduled on 30-31 January 2015
- Presented a Research Paper on “Query Optimization in Distributed Database with Big data Context” in the Fourth National Conference on “Data Analytics and Business Intelligence” (NCMIT 2014), organized by International School of Informatics and Management and FMS- The IIS University, Jaipur scheduled on 11-12 April, 2014
- Presented a Research Paper on “Query Optimization Strategies in very Large Databases” in a National Conference on “Entrepreneurship and Innovation: Catalyst and Effects”, NCMIT 2013, organized by International School of Informatics and Management and FMS- The IIS University, Jaipur scheduled on 11-12 April, 2013.
- Presented a Research Paper on "Query Optimization in Distributed Database Using Hybrids of Ant Colony Optimization Algorithm" in a National Conference at IMS Ghaziabad-NCETIT-12 (National Conference on Emerging Trends on Information Technology) on 24-Nov-2012.

Mandatory Disclosure - MCA

	<ul style="list-style-type: none">• Presented a Research Paper on "Role of Semi joins in Query Optimization in Distributed Database Environment" in the National Conference on "Innovative and Sustainable Global Solutions to Business Management and IT Issues" organized by International School of Informatics and Management and FMS- The IIS University, Jaipur scheduled on 19-20 April, 2012.• Presented a Research Paper on "IT as a Strategic Resource" in the First National Conference on "Management and Information Technology – Restructuring of Global Economy" organized by International School of Informatics and Management, Jaipur in April 2011.
Cases Published	-
Newspapers/ Magazine Articles	-
PhD Guide	Registered as PhD Guide in Rajasthan Technical University, Kota
Field & University	Field : Database
PhD Guided/ Under Guidance	-
Professional Memberships	<ul style="list-style-type: none">• Member of the Editorial Board of the quarterly magazine OORJA-Journal of Management and IT with ISSN No-0974-7869.• Member of Computer Society of India – Jaipur Chapter with Membership ID: 2010000368• Member, International Association of Engineers (IAENG), Hong Kong• Member, Computer Science Teachers Association (CSTA), ACM, USA
Consultancies/ Research Projects Undertaken	<ul style="list-style-type: none">• Consultancy for the website development of Nest Creatives, Big Benn, Jaipur, 2016• Consultancy for the website development & Customer profile development & Inventory Management of Living Greens Organics Pvt. Ltd, Jaipur, 2015
MDPs Undertaken	-
Awards and Recognitions	<ul style="list-style-type: none">• Won "First Prize" in Research Paper Presentation on "A Study on Hybrids of Ant Colony optimization Algorithm" in a National Conference on "Future Directions in Multidisciplinary Perspective of Computer Science and Information Technology: Scope & Challenges" (FDMPCSIT2015) organized by The IIS University, Jaipur scheduled on 30-31 January 2015.• "Best Presentation Award" in a 2nd International Conference "Emerging Trends in Engineering and Management" ICETEM 2013 at Satpriya Group of Institutions, Rohtak (INDIA) for research paper on "Optimization Strategies in Distributed Database" scheduled on 20-21 July 2013.• "Best Paper Award" in a National Conference at IMS Ghaziabad-NCETIT-12 (National Conference on Emerging Trends on Information Technology) on 24-Nov-2012 on a Research Paper on "Query Optimization in Distributed Database using Hybrids of Ant Colony Optimization Algorithm".
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	<ul style="list-style-type: none">• Resource Person for the Webinar on "E-Learning: Creating an Engaging Knowledge Experience" organized by International School for Informatics & Management, Jaipur, 04 June 2020.• Resource Person (Distinguished Speaker) for the Webinar on

Mandatory Disclosure - MCA

Editorial Appointments/ Reviewer

Conference Committee Memberships

- “Dynamics on MS Word” organized by Indus International University, Una, HP, 04 July 2020.
- Resource Person for the Orientation Program (Induction Program) for MBA Students on “Recent Trends in Information Technology” organized by International School for Informatics & Management, Jaipur, 25 October 2020.
- Session Chair for 10th International Conference on Management and IT – Innovations in Information Technology & Business Management for Sustainability (ICMIT 2020) organized by IIIM, IIS deemed to be University, Jaipur and Indus International University, Una, HP, 08-09 August 2020
- Resource Person for FDP : Conducted a Faculty Development Programme on Python Programming Language at IIS School on May 16, 2018
- Session Chair: International Conference on Emerging Trends in Expert Applications & Security (ICETEAS-2018), Jaipur Engineering College & Research Centre, Jaipur, INDIA, February 17-18, 2018
- Resource Person for Information Technology Workshop for MBA students at IIIM on March 15, 2017.
- Resource Person for Orientation Programme on IP Vs. Multimedia & Web Technologies at IIS School (IBDP Programme) on February 18, 2017.
- Member of the Editorial Board of the Biannual Journal OORJA-International Journal of Management and IT with ISSN (print) 0974-7869, ISSN (online) 2395-6771
- Organizing Secretary of 10th International Conference on Management and IT – Innovations in Information Technology & Business Management for Sustainability (ICMIT 2020) organized by IIIM, IIS deemed to be University, Jaipur and Indus International University, Una, HP, 08-09 August 2020
- Organizing Secretary of International Conference of Management and IT (ICMIT 2019) on the theme “Evolving Research Paradigms in Management and Computer Science”, organized by IIIM, Jaipur, IIS (deemed to be University) and Indus International University, Una, HP on 11-12 April 2019
- Organizing Secretary of International Conference of Management and IT (ICMIT 2018) on the theme “Business Intelligence & Analytics: Emerging Strategies and Technique”, organized by IIIM, Jaipur, The IIS University and Indus International University, Una HP on 28-29 April 2018
- Organizing Secretary of International Conference of Management and IT (ICMIT 2017) on the theme “Transforming India: Initiatives, Challenges and Road Ahead”, organized by IIIM, Jaipur, The IIS University and IIU, HP on 28-29 April 2017
- Organizing Secretary of International Conference of Management and IT (ICMIT 2016) on the theme “Big Data and Internet of Things: Technology and Impact on Business and Management” organized by IIIM, Jaipur, The IIS University and IIU, HP on 16-17 August 2016
- Organizing Secretary of International Conference of Management and IT (ICMIT 2015) on the theme “Technical and Higher Education in India: Emerging Landscapes” organized by IIIM, Jaipur, The IIS University and IIU, HP on 19-20 April 2015
- Organizing Secretary of National Conference of Management

Mandatory Disclosure - MCA

Academic Committee Memberships

FDP/Workshops attended

- and IT (NCMIT 2014) on the theme "Data Analytics and Business Intelligence" organized by IIIM, Jaipur on April 11-12, 2014
- Organizing Secretary of National Conference of Management and IT (NCMIT 2014) on the theme "Entrepreneurship and Innovation: Catalyst and Effects", organized by IIIM, Jaipur on April 11-12, 2013
- Organizing Secretary of National Conference of Management and IT (NCMIT 2012) on the theme "Innovative and Sustainable Global Solutions to Business Management and IT Issues", organized by IIIM Jaipur on April 19-20, 2012
- Member of Board of Studies, The IIS University, Jaipur
- Examiner at IIS (deemed to be University, Jaipur)
- Examiner at Rajasthan Technical University, Kota
- Examiner at University of Rajasthan, Jaipur
- Examiner at Poornima University, Jaipur
- FDP on 'Creativity and Innovation in Professional Teaching' by Prof. Somesh Dhamija, and Prof. Aruna Dhamija, Institute of Business Management, GLA University, Mathura, 07 December 2019.
- Think Critical- Design and Implementation through Cognitive Thinking through Object Oriented Programming, Dr. C. K. Kumbharana, Professor and Head, Department of Computer Science, Saurashtra University, Rajkot, Gujarat, 09 April, 2019
- International Workshop on Digital Marketing for Management and Computer Science Graduates, Mr. Atanu Ghosh, Chairperson, Academic Board for designing and delivering International PG Diploma in Digital Marketing, Mr. Deepak Pramanik, Founder Director, SEED Academy, Mr. Nandan Sengupta, Founder-Director ESK Network and NSG Portal, 28 February, 2019
- Workshop on Python Programming Language, Technoglobe Training Centre, Jaipur, 21-23 February 2019
- Workshop on Robotic Process Automation (RPA) Technology, Mr. Nishant Goel, Founder & CEO BOT Mantra, Bengaluru, January 17, 2019
- International Workshop on Roadmap to Quality Publication in Management and Computer Science, Prof. O P Gupta, MBA Department, Marilyn Davis College of Business, University of Houston-Downtown, Texas, USA, January 07, 2019
- FDP on Traps of the Human Mind, Mr. Kishore Chainani, Associate Certified Life Coach & International Coach Federation, USA, 02 November 2018
- Workshop on Data to Information, Prof. (Dr.) Balwinder Singh, Director and Professor- In- Charge, Data Analytics & Research, Guru Nanak Dev University, 13 October, 2018
- Workshop on Artificial Intelligence and Deep Learning with ANNs, CNNs and RNNs by Dr. Deepak Garg, at Poornima University, Jaipur from 12-14 October 2018
- Workshop on Self Defense Training, Lt. Col. Joginder Singh Lamba (Retd.), National Council Member, ISTD, Jaipur Chapter, 29 September 2018
- Workshop on Angular with Node JS, Mr. Gaurav Bhardwaj, Business Manager – Corporates, Techavera, Noida, 18-20 September 2018
- Workshop on Network Simulator-3, Dr. Ramesh Chandra

Mandatory Disclosure - MCA

Poonia, Associate Professor, Amity University, Jaipur, Dr. Linesh Raja, Assistant Professor, Amity University, Jaipur, 31 August 2018

- Workshop on Digital Marketing, Mr. Shashank Rana, Vice President, KnowDigi (Systweak Software), Jaipur, Mr. Sanatan Jain, Manager Digital Marketing, KnowDigi (Systweak Software), Jaipur, 20 August 2018
- Workshop on Python Programming Language, Technoglobe Training Centre, Jaipur, February 21-23, 2018
- Recent Trends in Data Mining, Dr. B Ramadoa, Professor, Dept of Computer Application, National Institute of Technology, Tiruchirappalli, Tamil Nadu, April 21, 2018
- Drum Circle, IIIM, April 18, 2018
- Effective Teaching and Research Methods for Academicians, Research Scholars and Practitioners, AIMS sponsored Faculty Development Programme, July 7-8, 2017
- Workshop on Libre Office Suite Calc Software, Spoken Tutorial Project of IIT Bombay, July 11, 2017
- Workshop on Scilab Software, Spoken Tutorial Project of IIT Bombay, July 12, 2017
- Mind Management and Successful life, Brahmchari Anish Chaitanya, North – India Head, ChinmayaYuva Kendra, July 12, 2017
- Stay Happy, Stay Healthy, Mr. Randeep Sharma, Akriti Labs, November 28, 2017
- Importance of Data Analysis in Research, Dr. N. K Gupta, Professor, Indian Institute of Management (IIM) Lucknow, July, 16, 2016
- Digital Banking, HDFC Bank, September 19, 2016
- Attended an Orientation Programme for Academic Counselors of MCA-BCA-CIT Programme (West Zone, IGNOU, Regional Center, Ahmadabad, 11-12 November 2016
- Participated in the Faculty Development Programme on "BlueMix Enablement" conducted by IBM Software, India at International School of Informatics and Management, Jaipur held on July 23, 2014.
- Certificate Course on "Rational Functional Tester (RFT)" by IBM Professional Certificated Programme in May 2010.
- Certificate Course on "IBM Certified Associate System Administrator Lotus Notes and Domino 8" by IBM Professional Certified Program in September 2011.
- Certificate Course on "DB2 9 Database and Application Fundamentals" by IBM Professional Certificated Programme in April 2012.
- Certificate Course on "Rational Application Developer for Web Sphere Software V6.0" by IBM Professional Certification Program in September 2012.
- Certificate Course on "Digital Marketing" in September 2020

Certificates Courses



Faculty Profile

Name of Teaching Staff	MS. RITU KHANDELWAL
Designation	Assistant Professor
Department	Computer Science
AICTE ID	1-2187175672
Date of Birth	1/9/1990
Date of Joining the Institution	1 st Aug , 2013
Academic Qualifications	MCA from Birla Institute of Technology, Mesra, Jaipur campus, in 2013 BCA from S. S. Jain Subodh PG College, Rajasthan University, Jaipur, In 2010 Diploma Certificate in Vocal from BhatKhande (Lucknow).
Total Experience in Years	7.8 yrs
Research Areas/ Areas of Interest	Data Mining
Significant Publications: Books	-
Units/ Chapters Authored	-
Papers in Journals	International: 05 <ul style="list-style-type: none">• Paper entitled " Comparative Analysis of Machine Learning Techniques Using Predictive Modeling" published in "Recent Advances in Computer Science and Communications" Journal,2021,14, ISSN No. 1136-1147 (Scopus Indexed Journal)• Paper entitled "A Review on Automated Recommendation System Using KNN (K-Nearest Neighbor) and SVM (Support Vector Machine)" published in "The Research magma: An International Multidisciplinery" Journal, ISSN No. 2456-7078 , Impact Factor- 4.520 (An UGC Approved Journal)• Khandelwal, R., & Virwani, H. (2019). Comparative Analysis for Prediction of Success of Bollywood Movie. Available at SSRN 3350907.• Paper Published in International Journal of Converging Technologies and Management (IJCTM) ISSN: 2455 – 7528 Volume 3, Issue 2, 2017 on "Privacy Protection in Personalized Web Search".• Paper Published in Journal on computer Science (JCOM) ISSN: 2347-6141 March – May 2019 on "Analysing customer's purchasing pattern by market basket analysis". National: 01 <ul style="list-style-type: none">• Jhalani, R., Virwani, H., Goyal, D., & Vashishtha, S. (2018). Prediction of Movie Success Using Classification. Indian Journal of Computer Science, 3(6), 7-12.
Papers Presented in Conferences	National: 01 <ul style="list-style-type: none">• Participated research paper on title of "Autonomic Computing: A new Paradigm of Computing" in the National Conference. International: 01

Mandatory Disclosure - MCA

	<ul style="list-style-type: none">• Paper presented in a International conference "Emerging Technologies in Computer Engineering(ICETCE-2018)" organized by Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur , Co-Sponsored by IEEE, paper entitled "A Review on Automated Recommendation System Using KNN (K-Nearest Neighbor) and SVM (Support Vector Machine)".• Paper presented in SUSCOM International Conference on "Sustainable Computing in Science, Technology and Management" paper entitled " COMPARATIVE ANALYSIS FOR PREDICTION OF SUCCESS OF BOLLYWOOD MOVIE" and published in SSRN-Elsevier proceeding.
Cases Published	-
Newspapers/ Magazine Articles	-
PhD Guide	-
Field & University PhD Guided/ Under Guidance	-
Professional Memberships	-
Consultancies/ Research Projects Undertaken	-
MDPs Undertaken	-
Awards and Recognitions	<ul style="list-style-type: none">• Awarded in dance competitions.
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	-
Editorial Appointments/ Reviewer	<ul style="list-style-type: none">• Reviewed a paper entitled "Ability Study of Proximity Measure for Big Data Mining Context on Clustering" under the conference ICACM-2019
Conference Committee Memberships	-
Academic Committee Memberships	-
FDP/Workshops attended	<ul style="list-style-type: none">• Attended Faculty Development Programme on "LaTeX" , organized by Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.• Completed and achieved a course certificate of "Fundamentals of GIS " on coursera authorized by University of California.• Completed a course "Responsive Website Basics: Code with HTML, CSS, and JavaScript" on coursera authorized by University of London and Goldsmiths, University of London.• Completed a course "Programming for Everybody (Getting Started with Python)" on coursera authorized by University of Michigan.• Participated in AICTE Training And Learning (ATAL) Academy Online FDP on "ROBUST AND SCALABLE WEB APPLICATION DEVELOPMENT USING PYTHON" from 2020-9-21 to 2020-9-25.• participated in AICTE Training And Learning (ATAL) Academy Online FDP on "GIS & Remote Sensing" from 2020-11-23 to 2020-11-27.

Mandatory Disclosure - MCA

- Attended FDP on Bluemix.Net organized by IBM on 23 July, 2014.
- Attended Workshop on e-Governance-2011 organized by Central University of Rajasthan on 20th December, 2011.
- Attended FDP on Python Language organized by IBM Technoglobe Training Centre on 21 feb, 2018.
- Attended FDP on Recent Trends in Data Mining organized by Dr. B. Ramadoss, Professor, Dept. of Computer Application, National Institute of Technology, Tamil Nadu on 21 feb April, 2018.
- Attended FDP on Stay Happy ,stay Healthy organized by Dr. Randeep Sharma, Akriti Lab on 28 Nov, 2017.
- Attended FDP on “Libre Office Suite Calc Software” and “Scilab Software” organized by Spoken Tutorial Project of IIT Bombay on 11-12 July, 2017.
- Attended FDP on Mind Management and Successful life’ organized by BrahmchariAnishChaitanya, North – India Head, ChinmayaYuva Kendra on 12 July, 2017.
- Attended Workshop on Moodle Learning Management System organized by IIT Bombay at remote centre(IISU) on 15 March 2019.
- Attended FDP on MOOC’s and Digital Contents Development organized by Anand International College of Engineering in Collaboration with RTU, 2nd June to 3rd June, 2018.
- Attended FDP on Big Data and Machine Learning organized Biyani Institute of Science and Management, 14 May – 19 May, 2018.

Faculty Profile



Name of Teaching Staff	DR. NEHA TIWARI
Designation	Associate Professor
Department	CS & IT
AICTE ID	1-4725774014
Date of Birth	6/21/1980
Date of Joining the Institution	1.12.05
Academic Qualifications	Ph.D. (CS) M.Phil. (CS), MCA, M.Sc., PGDCA, B.Sc.
Total Experience in Years	13yrs 7 months
Research Areas/ Areas of Interest	Networking, Databases, Cloud Computing, Software Engineering
Books	
Units/ Chapters Authored	
Papers in Journals	National Journal <ul style="list-style-type: none">Neha Tiwari, Network Traffic: The other side of MIPv6, The Subodh Journal of Recent Trends in Information Technology, Vol. 1A, No.1, ISSN 0975-9875, pp. 192-93, July 2010. International Journal <ul style="list-style-type: none">Neha Tiwari, Enhanced Playout Buffer Algorithm for VoIP based Social-Network Applications, International Journal of Science Technology Management (IJSTM), Vol-2 Issue-3, ISSN: 2229- 6646(online), July 2011.Neha Tiwari, Dr. O.P.Rishi, Analyzing the effect of playout buffer adjustment on voice quality for voip based social network applications, (SEEK Digital Library, Online), Page(s): 105-108, ISSN: 2250-3757, 2012Neha Tiwari, Behavioral analysis of the Playout Buffer of VoIP Based Applications from client perspective, IEEE Xplore Digital Library, INSPEC Accession Number: 14842133, DOI: 10.1109/ICCCT.2014.7001505 , Page(s): 279 – 284, Print ISBN:978-1-4799-6757-5, 2014Neha Tiwari, Improved VoIP QoS over Wireless Networks, International Journal of Advanced Research in Computer Science, Volume 8, No. 5, ISSN: 0976-5697, Page(s):959-963, May 2017
Papers Presented in Conferences	<ul style="list-style-type: none">5th International Conference on Computer and Communication Technology (ICCCT-2014), Motilal Nehru Institute of Technology, Allahabad, 26-28 September 2014National conference on Emerging Computing Technologies in Modern Era (ECTME-14), S.S.Jain Subodh P.G. (Autonomous) College, Jaipur, 22-23 Jan., 2014

Mandatory Disclosure - MCA

	-	<ul style="list-style-type: none">• International Conference on Recent Trends of Computer Technology In Academia, Udaipur,• April 21-23 2012• International Conference on Advances in Computer Science and Electronics Engineering,• UACEE, 2-3 Feb., 2012• 'Analyzing VoIP impairments in wireless communication' in International Conference on Gen• Next: The Green Engineering and Digital Era' on 22 nd -24 th Sep 2011 conducted by Biyani Girls• College at Jaipur.• 'Signalling overhead and packet loss analysis due to handoff delays in MIPv6' in International• Symposium on 'Multimedia and Allied Technologies' on 16 th Jan, 2010 conducted by Poddar• International College at Jaipur.• 'Signalling overhead and packet loss due to handoff in MIPv6' in National Conference on• 'Innovation in Engineering and Technology' on 15 th Sep, 2008 conducted by Poornima Group of• Colleges at Jaipur.• 8. 'Smart Board: An interactive alternate to conventional boards' in National Conference on 'Innovation in Engineering and Technology' on 15 th Sep, 2008 conducted by Poornima Group of Colleges at Jaipur.
Cases Published	-	
Newspapers/ Magazine Articles	-	
PhD Guide	-	
Field & University	-	
PhD Guided/ Under Guidance	-	
Professional Memberships	-	
Consultancies/ Research Projects Undertaken	-	<ul style="list-style-type: none">• 1. "Analysis of Playout Buffer Algorithms of VoIP based Social Network Application", IIS University, Sanctioned of amount 20,000.
MDPs Undertaken	-	
Awards and Recognitions	-	<ul style="list-style-type: none">• 1. Certificate of Appreciation, Academic excellence, The IIS University, 5 Sep. 2013
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	-	
Editorial Appointments/ Reviewer	-	
Conference Committee Memberships	-	<ul style="list-style-type: none">• Organizing secretary, National conference on Future Directions in Multidisciplinary Perspective of CS & IT: Scope & Challenges, The IIS University, Jaipur, 30-31 Jan,2015
Academic Committee Memberships	-	
FDP/Workshops attended	-	<ul style="list-style-type: none">• Two-day national workshop on "Smart Classrooms" by Department of CSE at IITB, 24-25 June 2019• FDP on "Pedagogy for Online and Blended Teaching-Learning Process - Autumn 2018", IIT Bombay• Two Day National Workshop on Ethics in Scientific Writing

Mandatory Disclosure - MCA

- and Plagiarism, CRIT, The IIS University, Jaipur, 07-08 Nov., 2014
- Participated in an FDP on "LOG-In Life" on 11 July, 2014 organized by The IIS University
- Participated in Skill Promoting Workshop in DOT NET Technology, Sigmatech Info. Pvt. Ltd., at The IIS University, Jaipur, 25-27 Sep., 2013
- Participated in an FDP on "Team Efficacy & Positive Work Culture" on 10-12 July, 2013 organized by The IIS University, Jaipur
- Participated in an FDP on "Coaching, Mentoring and Effectiveness at the Workplace" on 10-11 July, 2012 organized by The IIS University, Jaipur
- Participated in National Workshop on e-Governance with theme "Awareness and Communication Campaign for National e-Governance Plan (NeGP)" organized on 20 th December 2011 at Sh. R. K. Patni Govt. P.G. College, City Road, Kishangarh, Ajmer
- Participated in an FDP on "Emotional Intelligence" on 18 August, 2011 organized by The IIS University, Jaipur.
- Participated in a Workshop on PHP (Drupal) organized by DUCAT, held on 5 th Oct 2010, at ICG College, Jaipur.
- Participated in the Two-Day Workshop on 'Linux and Open Source Technology' organized by
- Linux World Training and Development Centre, held on 26 th and 27 th Feb, 2010 at ICG College, Jaipur.
- Participated in International Symposium on 'Multimedia and Allied Technologies' on 16 th Jan 2010 conducted by Poddar International College at Jaipur
- Participated in a Faculty Development Programme on 'Stress Management and Motivation & Ethics at Work-Place' held by International College for Girls on 12 th and 13 th December, 2008.
- Participated in a Workshop on "Concepts and Techniques of Evaluation & Measurement" on 21- 22 April, 2008 organized by International College for Girls, Jaipur.
- Participated in an FDP on "Issues in Adolescent Mental Health" on 13 October, 2007 by Dr. Pradeep Sharma & Ms. Pragya Deshpande organized by International College for Girls, Jaipur.
- Participated in an FDP on "Road Map to Sustaining Academic Excellence in Management & IT" on 18-31 July, 2007 organized by ISIM, Jaipur.
- Participated in Faculty Development Programme on "Discourse on Spiritual Upliftment" by Shri Anubhavanand Ji on 14 July, 07 organized by International College for Girls, Jaipur.
- Participated in an FDP on "Autonomy: a positive step towards achieving academic excellence" on 8 August, 2006 organized by International College for Girls, Jaipur.

Certificates Courses -



Faculty Profile

Name of Teaching Staff	MS. MEENAL KAKKAR
Designation	Assistant Professor
Department	Computer Science
AICTE ID	1-3254553451
Date of Birth	7/15/1991
Date of Joining the Institution	18-04-2016
Academic Qualifications	PG MCA UG BCA
Total Experience in Years	Teaching: 4 years Industry: 1 Year
Research Areas/ Areas of Interest	Database, Machine Learning, Cloud Computing
Significant Publications:	
Books	NA
Units/ Chapters Authored	NA
Papers in Journals	National <ul style="list-style-type: none">• Kaushik R. , Kakkar M. "A Study of Energy Conservation Using Green Cloud Computing" Indian Journal of Computer Science VOL. 4 ISSUE 1 (JANUARY- FEBRUARY 2019) ISSN: 2456 - 4133(PRINT).• Goyal R. , Kakkar M. "Sentiment Analysis of Twitter Data Using Statistical Analysis Tool R Studio" Indian Journal of Computer Science VOL. 4 ISSUE 5 (September- October 2019) ISSN: 2456 - 4133(PRINT). International <ul style="list-style-type: none">• kakkar M. (2019) "Sentiment Analysis of Twitter Data on Different Mobile Payment Applications Using R" INTERNATIONAL JOURNAL OF RESEARCH IN ELECTRONICS AND COMPUTER ENGINEERING VOL. 7 ISSUE 1 (JANUARY- MARCH 2019) ISSN: 2393-9028 (PRINT) ISSN: 2348-2281 (ONLINE) (UGC Approved)
Papers Presented in Conferences	National - International <ul style="list-style-type: none">• kakkar M. (2019) "Sentiment Analysis of Twitter Data on Different Mobile Payment Applications Using R" International conference on "Emerging Trends in Engineering & applied Science"(ICETEAS' 19) RCEW, Jaipur
Cases Published	-
Newspapers/ Magazine Articles	-
PhD Guide	-
Field & University PhD Guided/ Under Guidance	-
Professional	-

Mandatory Disclosure - MCA

Memberships

Consultancies/ Research -

Projects Undertaken

MDPs Undertaken -

Awards and -

Recognitions

Invited Speeches and -

Invitations as Resource

Person for FDPs/

Workshops/ Seminars

Editorial Appointments/ -

Reviewer

Conference Committee -

Memberships

Academic Committee -

Memberships

FDP/Workshops

attended

- TEQIP-III RTU(ATU) Sponsored FDP on Deep learning and Big data Analytics, Rajasthan Institute of Engineering and Technology, Jaipur, 24th -28th June ,2019
- Think Critical- Design and Implementation through Cognitive Thinking through Object Oriented Programming, Dr. C. K. Kumbharana, Professor and Head, Department of Computer Science, Saurashtra University, Rajkot, Gujarat, 09 April, 2019
- Workshop on Robotic Process Automation (RPA) Technology, Mr. Nishant Goel, Founder & CEO BOT Mantra, Bengaluru, January 17, 2019
- International Workshop on Roadmap to Quality Publication in Management and Computer Science, Prof. O P Gupta, MBA Department, Marilyn Davis College of Business, University of Houston-Downtown, Texas, USA, January 07, 2019
- Workshop on Data to Information, Prof. (Dr.) Balwinder Singh, Director and Professor- In- Charge, Data Analytics & Research, Guru Nanak Dev University, 13 October, 2018
- Workshop on Self Defense Training, Lt. Col. Joginder Singh Lamba (Retd.), National Council Member, ISTD, Jaipur Chapter, 29 September 2018
- Workshop on Angular with Node JS, Mr. Gaurav Bhardwaj, Business Manager – Corporates, Techavera, Noida, 18-20 September 2018
- Workshop on Digital Marketing, Mr. Shashank Rana, Vice President, KnowDigi (Systweak Software), Jaipur, Mr. Sanatan Jain, Manager Digital Marketing, KnowDigi (Systweak Software), Jaipur, 20 August 2018
- Workshop on Python Programming Language, Technoglobe Training Centre, Jaipur, February 21-23, 2018
- Drum Circle, IIIM, April 18, 2018
- Workshop on Libre Office Suite Calc Software, Spoken Tutorial Project of IIT Bombay, July 11, 2017
- Workshop on Scilab Software, Spoken Tutorial Project of IIT Bombay, July 12, 2017
- Mind Management and Successful life, Brahmchari Anish Chaitanya, North – India Head, ChinmayaYuva Kendra, July 12, 2017
- Stay Happy, Stay Healthy, Mr. Randeep Sharma, Akriti Labs, November 28, 2017
- Attend a Workshop on Cloud Computing at RIET ,Jaipur
- Attend a Workshop on Linux at ICG, Jaipur



Faculty Profile

Name of Teaching Staff	MS. MANJU LATA JOSHI
Designation	Assistant Professor
Department	Computer Science
AICTE ID	1-2948722975
Date of Birth	6/25/1976
Date of Joining the Institution	1/8/2015
Academic Qualifications	Pursuing Ph.D. in Computer Science from Banasthali University M.Tech. in Computer Science from Banasthali University (2008). 'B' Level (Equivalent to MCA, Course is conducted by DOEACC Society, Ministry of Information Technology, New Delhi), (2005). M.Sc. (IT) from Allahabad Agriculture Institute, Deemed University (2005)
Total Experience in Years	Teaching: 17 Yrs.
Research Areas/ Areas of Interest	Natural Language Processing (NLP), Text Mining, Information Retrieval, Open Source Technologies, Information Retrieval, Data Mining & Knowledge Discovery, Web Mining, Artificial intelligence, Machine Learning.
Unit/Chapter Writings	<ul style="list-style-type: none">Sharan, A., Joshi, M. L., & Pandey, A. (2011). Exploiting ontology for concept based information retrieval. In Information Systems for Indian Languages (pp. 157-164). Springer, Berlin, Heidelberg.
Significant Publications: Papers in Journals	International: 04 <ul style="list-style-type: none">Joshi M. L. & Goyal D. (2019, April). Sentiment Analysis of Hindi Text: A Review. Research Journey: Multidisciplinary International E-research Journal. Special issue-178 pp 163-169. ISSN-2348-7143, (UGC Approved).Joshi, M. L. A Review on Semantic Graph based Text Mining. International Research Journal of Computers & Electronics Engineering (IRJCEE), Vol. 3, Issue 1, 2015. IRJCEE: 021315-0610-MJ-2015-5-1.Sharan, A., & Joshi, M. L. (2010). An insight into semantic similarity aspects using WordNet. International Journal of Information and Communication Technology, 2(4), 331-341.Sharan, A., & Joshi, M. L. (2010). An algorithm for finding document concepts using semantic similarities from WordNet ontology. International Journal of Computational Vision and Robotics, 1(2), 147-157.
Papers Presented in Conferences	International: 04 <ul style="list-style-type: none">Mittal, N., Sharma, D., & Joshi, M. L. (2018, December). Image Sentiment Analysis Using Deep Learning. In 2018 IEEE/WIC/ACM International Conference on Web Intelligence (WI) (pp. 684-687). IEEE.Joshi, M. L., Mittal, N., & Joshi, N. An Insight into Role of Wordnet and Language Network for Effective IR from Hindi

Mandatory Disclosure - MCA

	Text Documents. Proceedings FIRE (Working Notes) 2017: 158-163, published by CEUR-WS Germany.
	<ul style="list-style-type: none">• Yadav, C. S., Sharan, A., & Joshi, M. L. (2014, February). Semantic graph based approach for text mining. In Issues and Challenges in Intelligent Computing Techniques (ICICT), 2014 International Conference on (pp. 596-601). IEEE.• Sharan, A., Imran, H., & Joshi, M. (2008, July). A trainable document summarizer using Bayesian classifier approach. In Emerging Trends in Engineering and Technology, 2008. ICETET'08. First International Conference on (pp. 1206-1211). IEEE.
Cases Published	-
Newspapers/ Magazine Articles	-
PhD Guide	-
Field & University	-
PhD Guided/ Under Guidance	-
Professional Memberships	-
Consultancies/ Research Projects Undertaken	-
MDPs Undertaken	-
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	-
Conference Attended	<ul style="list-style-type: none">• Online National Conference on "Industry 4.0- Embracing Change and Transformation" conducted by Lingaya's Lalita devi Institute of Management & Sciences (affiliated by GGSIPU), New Delhi.• FDP on " Emotional Intelligence" conducted by AICTE Training & Learning (ATAL) Academy (At NIT Hamirpur), 19th October – 23rd October, 2020.• FDP on "Universal Human Values for DEEKSHARAMBH (Student Induction Program)" conducted by NIT Patna, 21st September – 25th September, 2020.• FDP on "Trends and Applications in Machine Learning and Deep Learning", conducted by RTU, Kota & Poornima Institute of Engineering, Jaipur, 4th September - 6th September, 2020.• Workshop on "Next Generation Networks" conducted by RTU, Kota & Global Institute of Technology, Jaipur (TEQUIIP-III), 27th August – 31st August, 2020.• Workshop on " Teaching Learning in Present Scenario" conducted by Department of Education, Kidderpore College, 26th & 27th August, 2020.• FDP on " Python Language" conducted by Department of Computer Science and Engineering, Bhagwan Parshuram Institute of Technology, New Delhi, India in Collaboration with Spoken Tutorial, IIT Bombay, 23rd June, – 29th June, 2020• FDP on " R Language" conducted by Department of Computer Science and Engineering, Bhagwan Parshuram Institute of Technology, New Delhi, India in Collaboration with Spoken Tutorial, IIT Bombay, 16th June,- 22nd June, 2020.
Workshop/FDP Attended	

Mandatory Disclosure - MCA

- FDP on "SciLab" conducted by Department of Science & Humanities, St. Peter Engineering College, UGC Autotnomous in Association With IIT-Bombay (Remote Learning Through Spoken Tutorial, 15th - 19th , June 2020.
- FDP on "Pedagogy in Management and Computer Science Education in Post Covid era" Condued by Internal Quality Assurance Cell (IQAC) , KCES's Institute of Management & Research, Jalgaon, 12th & 13th June, 2020.
- FDP on "Decoding Examination during Post COVID-19" conducted by SKILLSLATE and Powered by Zovy Solutions, 8th May, 2020.
- FDP on "Empowering Faculty to Develop and Share Global Competancy" conducted by Department of English UG (SF), Nallamuthu Gounder Mahalingam College (Autonomous), 20th – 23rd May 2020.
- FDP on "LaTex" conducted by School of Computer Science & Engineering, Poornima University, Jaipur, INDIA In Association with Spoken Tutorial, Indian Institute of Technology, Bombay, 4th May – 8th May 2020.
- Attended Workshop on Artificial Intelligence and Deep Learning with ANN's, CNN's and RNN's" organized by Poornima University, Jaipur, 12-14th October, 2018.
- FDP on 'Python Programming' conducted by International School of Informatics & Management, 21-22 February, 2018
- Attended Workshop on "Advances in Data & Web Analytics" Organized by Malviya National Institute of Technology (MNIT) Jaipur, 16-20 December, 2017.
- Attended "International Workshop on Fuzzy Logic Research Applications" organized by Indira Gandhi Delhi Technological University for Women, New Delhi, 16-20th September 2017.
- Attended FDP on " Effective Teaching and Research Methods for Academician, Research Scholars & Practitioners" organized by International School of Informatics & Management (ISIM), 7-8th July 2017.
- Attended Workshop on "Introduction to Web Development" organized by Malviya National Institute of Technology (MNIT) Jaipur, 13-22nd June 2017.
- Attended NEN Faculty Development Course on Kick-Starting the Entrepreneurial Campus organized by Vivekanand Global University, Jaipur, 11-12 February, 2016.
- Attended five days exhaustive workshop on "Research Methodology and Design of Experiments" organized by MNIT, Jaipur, from 27th October 2014 to 31st October 2014.
- FDP attended on "Data Mining & Social Media Analytics- Emerging Trends & Challenges" organized by BVICAM, GGSIP University, Delhi, on 21st December, 2013.
- Reviewer, Journal of IEEE Transactions on Knowledge and Date Engineering
- MISP – 2021, Member, Technical Program Committee, Conducted by NIT, Arunachal Pradesh.
- Women in Information retrieval (WiRE) – 2020 Collocated with FIRE 2020, Member, Organizing committee, Conducted by IIT Kharagpur.
- Examiner, Rajasthan Technical University, Kota
- Examiner, IIS (Deemed to be University), Jaipur

Editorial Appointments/ Reviewer

Conference Committee Memberships

Academic Committee Memberships

Mandatory Disclosure - MCA

- Examiner, Poornima University, Jaipur
- Special Member of BOS IIS (Deemed to be University), Jaipur
- Member of Board of Studies in Jaipur National University for M.Tech. (Computer Science) programme (2008-09)



Faculty Profile

Name of Teaching Staff	DR. DEEPSHIKHA BHATIA
Designation	Sr. Asst. Prof.
Department	CS&IT
AICTE ID	1-4725969142
Date of Birth	5/16/1982
Date of Joining the Institution	16th Sept, 2008
Academic Qualifications	PhD. ,MCA
Total Experience in Years	13 year
Research Areas/ Areas of Interest	Data Communication and Networking, Computer Architecture, AutoCAD, Digital Electronics
Books	-
Units/ Chapters Authored	-
Papers in Journals	International

- "A Review on Pre-processing and Feature Selection Phase of Sentiment Analysis" in Multidisciplinary International Conference on Rethink, Restrict, Restructure and Reinvent: The Sustainable Development Perspective" at St. Xavier's College, Jaipur on 2021.
- "A new Methodology on Sentiment Analysis" in Rising Threats in Expert Applications and Solutions: Proceedings of FICR-TEAS 2020: Advances in Intelligent Systems And Computing, 1187, Held At IIS University, Jaipur, Rajasthan, India on January 17-19 2020, Published by Springer (22 Sept, 2020), ISBN-10(9811560137);ISBN-13(978-9811560132).
- "A Big data Approach for Sentiment Analysis of Twitter Data using Naive Bayes and SVM Algorithm." IEEE 16th International Conference on Wireless and Optical Communication Networks (WOCN2019) at Technocrats Institution, Bhopal on 2019 On IEEE Explorer 13 FEB2020, CFP19604-CDR, ISBN:978-1-7281-0011-1
- "Analysis and Validation of MANET Performance on Open Source Simulator" in international Journal of Convergence Information Technology (JCIT), Volume11, Number5, Dec. 2016. ISSN: 1975-9320(print),2233-9299(on-line).ISSN : 1975-9320(Print),299(Online)
- "A Comparative Analysis of proactive, Réactive and Hybrid Routing Protocol over open Source Network Simulator in Mobile Ad Hoc Network" in International Journal of Applied Engineering Research, Vol. 11, No.6, 2016. ISSN-0973-4562
- "Theoretical Investigation of Proactive and Reactive routing Protocol: MANET", in International Journal of Computer Applications in Engineering, Technology and Sciences, Vol. 4, No. 2, April-September 2012. ISSN: 0974-3596
- "Theoretical Analysis and extension of Proactive, Reactive and Hybrid Routing Protocols: Mobile Ad Hoc MANET" in International Conference on 'MTMI International Conference

Mandatory Disclosure - MCA

(Online)' on 20-22nd Oct, 2011 conducted by Modern Technology & Management Institute(MTMI) and DBMA, University of Maryland, Eastern shore, USA. And published in Review of Business and Technology Research- An International Journal of Business and Technology Research, Vol.5, No.1, 86-96, 2011. ISSN No. 1941-9414

- "Mobile Ad Hoc Network: A Unified Analysis of Proactive, Reactive and Hybrid Routing protocols using Simulator" in International Conference on 'Managing Excellence for Emerging Global Paradigm in Business and Technology' on 15-16 July, 2011 organized by CH Institute of Management & Commerce, (CHIMA),Indore, MP. And published in Review of Business and Technology Research- An International Journal of Business and Technology Research, Vol.4, No.1, 2011. ISSN No. 1941-9406.

Abstract

- Abstract published on 'A study of simulator in Mobile Ad Hoc Networks' in National Conference on 'Data Analytics and Business Intelligence: Emerging Paradigms' on 11-12 April, 2014 conducted by IIIM, Jaipur.
- Abstract Published on 'A Review on Characterization and Categorization of Simulation Ad Hoc Networks' in National Conference on 'Future Directions in Multidisciplinary Perspective of Computer Science and Information Technology: Scope & Challenges' on 30-31 January, 2015 conducted by The IIS University, Jaipur.
- Abstract Published on 'Recovering Multiple Sparse Signals from Single Measurement Vector' in National Conference on 'Future Directions in Multidisciplinary Perspective of Computer Science and Information Technology: Scope & Challenges' on 30-31 January, 2015 conducted by The IIS University, Jaipur.
- "Theoretical Analysis and extension of Proactive, Reactive and Hybrid Routing Protocols: Mobile Ad Hoc MANET" in International Conference on 'MTMI International Conference (Online)' on 20-22nd Oct, 2011 conducted by Modern Technology & Management Institute(MTMI) and DBMA, University of Maryland, Eastern shore, USA.
- "Mobile Ad Hoc Network: A Unified Analysis of Proactive, Reactive and Hybrid Routing protocols using Simulator" in International Conference on 'Managing Excellence for Emerging Global Paradigm in Business and Technology' on 15-16 July, 2011 organized by CH Institute of Management & Commerce, (CHIMA),Indore, MP.

Papers Presented in Conferences

Cases Published -

Newspapers/ Magazine -

Articles

PhD Guide Yes

Field & University Networking, IIS (deemed to be University)

PhD Guided/ Under

Guidance Sensitive Analysis, IIS (deemed to be University)

Professional

Memberships -

Consultancies/ Research

Projects Undertaken

- Consultancy provided for blueprint of Farmhouse design, Under NeGen.com Company. Three student help in this project. Dr. Deepshikha Bhatia (Faculty), Ms. Garima Agarwal (BCA Student), Ms. Shivangi Mathur (BCA Student), Ms. Chetali Shah (BCA Student).

Mandatory Disclosure - MCA

MDPs Undertaken	-
Awards and Recognitions	-
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	<ul style="list-style-type: none">• Resource Person in Online 15 days Interdisciplinary Refresher Course/Faculty Development Programme on Research Methodology and Teaching Pedagogy, held on 16-30 March 2021• Session Chair in 5th International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2020) organized by Global Knowledge Research Foundation in July 23rd – 24th , 2020
Editorial Appointments/ Reviewer	<ul style="list-style-type: none">• Daniel Mark J, Rahul Makhija, D T Raghavendra , " Android Integrated Biometric Fingerprint Recognition Attendance System", reviewed for Refereed journal "Intelligent Information Management (IIM)" in 2017. ISSN(Online):2160-5920, ISSN Print:2160-5912• Hassan Bdair Hashim," Information Technology Methods for Development of Technical Education in Iraq", reviewed for Refereed journal "Intelligent Information Management (IIM)" in 2017. ISSN(Online):2160-5920, ISSN Print:2160-5912• Jamilah A Alokuk," The Effectiveness of Blackboard System, Uses and Limitations in Information Management", reviewed for Refereed journal "Intelligent Information Management (IIM)" in 2018. ISSN(Online):2160-5920, ISSN Print:2160-5912
Conference Committee Memberships	FICR TEAS 2020
Academic Committee Memberships	ACM(2020-2022)
FDP/Workshops attended	<ul style="list-style-type: none">• "Public Speaking", Organization by IIS (deemed to be University) conducted by Manipal Academy of Higher Education, Manipal Karnataka.• One day workshop on 'Scilab Workshop' held on 4th May, 2019 conducted by IIT Bombay & IIS Remote Center.• International Conference on 'FICR International Conference on Rising Threats in Expert Applications and Solutions', held on 17-19th January, 2020 conducted by IIS(Deemed to be University), Technically supported by CSI and ACM and Sponsored by Springer.• FDP in 'Python Using Spoken Tutorials' held on 25th -29th April, 2020, conducted by IIT Bombay & IIS Remote Center.• FDP in Cyber Security held on 6th -10th October, 2020, conducted by AICTE training & Learning (ATAL) Academy Online.• FDP on 'Cyber Security' held on 1st Feb-5th Feb, 2021, conducted by AICTE Training and Learning (ATAL) Academy Online.• Faculty Development on Virtual Lab held on 6th August, 2021 conducted by Virtual Labs, IIT Delhi.
Certificates Courses	<ul style="list-style-type: none">• Google Certified 'IT-Security: Defense against the digital dark arts' on 14th June, 2020 organized on Coursera• IBM Certified 'Getting Started with AI using IBM Watson' on 6th June, 2020 from Coursera.• IBM Certified 'Introduction to Artificial Intelligence' on 10th May, 2020 from Coursera.



Faculty Profile

Name of Teaching Staff	DR. RUCHI NANDA
Designation	Associate Professor
Department	Computer Science
AICTE ID	1-458091661
Date of Birth	2/11/1979
Date of Joining the Institution	25-08-2005
Academic Qualifications	Ph.D(CS), M.Tech (CS), MCA(DOEACC)
Total Experience in Years	15 years
Research Areas/ Areas of Interest	Database, Query optimization, Cloud computing, Web designing
Significant Publications: Books	
Units/ Chapters Authored	
Papers in Journals	Research papers published in International Journals <ul style="list-style-type: none">• Vijay, M. V., & Nanda, R. A Systematic Review and Comparative Analysis of Cloud Simulation Tools, Journal of Information and Computational Science, 11(2), ISSN: 1548-7741 (UGC CARE GROUP II Journal, http://joics.org/VOL-11-ISSUE-2-2021/).• Vijay, M. V., & Nanda, R. (2020). MRC-COVID (Map Reduce with Cache) System for Big data Analytics. International Journal of All Research Education and Scientific Methods (IJARESM), 8(12), ISSN: 2455-6211.• Suchita Sinhal, Ruchi Nanda, Study of various data mining techniques in prediction of depression, OORJA, International Journal of Management & IT, Vol. 16(1), pp:10-17• Ruchi Nanda, Swati V. Chande, K.S. Sharma, Determining the Effect of Similar Queries in Cache-based Cloud Datastores, International Journal of Advanced Research in Computer Science, Vol. 8(3), 2017, pp: 906-910.• Ruchi Nanda, Swati V. Chande, K.S. Sharma, Determining Appropriate Cache-size for Cost effective Cloud Database Queries, International Journal of Computer Applications, Vol. 157(6), 2017, pp: 29-34.• Ruchi Nanda, Swati V. Chande and K.S. Sharma "Enhancing the Query Performance of NoSQL Datastores using Caching Framework", International Journal of Computer Science and Information Technologies(IJCSIT), IJCSIT, Vol 7(5), 2332-2336, Sept-Oct 2016, ISSN:0975-9646. http://ijcsit.com/docs/Volume%207/vol7issue5/ijcsit20160705040.pdf• Ruchi Nanda, "Review of Query Processing Techniques of Cloud Databases", SGVU Journal of Engineering & Technology, Vol. 1(2), Pg. 12-16, July 2015, ISSN: 2395-0916
Papers Presented in Conferences	National

Mandatory Disclosure - MCA

- Presented paper on "Performance of Cloud Data base Queries: A Review" at National Conference on Current Research Trends in Cloud Computing & Big Data, Jaipur National University, Jaipur, 6-7 February 2015.
- Presented paper on "Databases in cloud environment" at National Conference on Cloud Computing Technologies, at MAIET, Jaipur, 17-18 May, 2013.
- Presented paper on "Cloud Computing: Models & Security" at National Conference on Recent Trends in IT, Opportunities & Challenges, S.S. Jain Subodh PG College, Jaipur, Feb 2010.
- Presented paper on "Biomedical Informatics – the logic of Health Care" at National Seminar on Future Strategies for Biological Research, Suresh Gyan Vihar University, Jaipur, Jan 2009.
- Presented paper on "Cloud Computing: The On-Demand Computing" at National Conference on Innovation in Engineering and Technology, Poornima Group of Colleges, Jaipur, Sept 2008.

International Published

- Sinhal S., Nanda R. (2021) Understanding the Role of Artificial Neural Networks in the Prediction of Mental Health Diseases. In: Rathore V.S., Dey N., Piuri V., Babo R., Polkowski Z., Tavares J.M.R.S. (eds) Rising Threats in Expert Applications and Solutions. Advances in Intelligent Systems and Computing, vol 1187. Springer, Singapore. https://doi.org/10.1007/978-981-15-6014-9_46
- Vijay V., Nanda R. (2021) Query Caching Technique Over Cloud-Based MapReduce System: A Survey. In: Rathore V.S., Dey N., Piuri V., Babo R., Polkowski Z., Tavares J.M.R.S. (eds) Rising Threats in Expert Applications and Solutions. Advances in Intelligent Systems and Computing, vol 1187. Springer, Singapore. https://doi.org/10.1007/978-981-15-6014-9_3

Presented

- Presented paper on "Join Query Processing in MapReduce on Cloud-based Systems: A Survey" at International Conference on Role of ICT in Higher Education and Research, S.S.Jain Subodh P.G. College, Jaipur, 5-6 Oct. 2018.
- Presented paper on "Query Cacher Model in Cloud" at Big Data and Internet of Things: Technology and Impact on Business and Management (ICMIT 2016) scheduled on 16-17 August 2016.
- Presented paper on "Review of Query Processing Techniques of Cloud Databases" at International Conference on Convergence of Technologies & Management, Suresh Gyan Vihar University, Jaipur, 26-27 March 2015.
- Presented paper on "Common sub-expression elimination in Cloud Databases: A Review" at International Conference: Technical and Higher Education in India: Emerging Landscapes, at ISIM Jaipur, 10-11 April 2015.

Cases Published -
Newspapers/ Magazine -
Articles
PhD Guide -
Field & University -
PhD Guided/ Under
Guidance

Ms. Suchita Sinhal, IIS (Deemed to be University)

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Professional Memberships	Ms. Vandana Vijay, IIS (Deemed to be University) ACM Membership
Consultancies/ Research Projects Undertaken	Computer Science Teachers' Association -
MDPs Undertaken	-
Awards and Recognitions	<ul style="list-style-type: none">• Certificate of Appreciation: Recognition of the reviews made in 4th International System Information Conference (ISICO) 2017 By Elsevier, Science Direct, Procedia Computer Science• As a resource person in Workshop for the Education Projects executed by RajCOMP-Information Communication and Technology for Girls Education across Rajasthan on 29 December 2009 held in Clarks Amer Jaipur.• As a resource person in "Computer Orientation workshop", May 2006, ICG, Jaipur• As a resource person in "Computer Literacy workshop", Maharani College, Jaipur on 30 Nov and 1 Dec 2011.
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	
Editorial Appointments/ Reviewer	Editorial Board Members: <ul style="list-style-type: none">• International Journal of Computer Science & Information Technology (IJCSIT) Reviewer: <ul style="list-style-type: none">• Elsevier, Science Direct, Procedia• Computer Science Conference Proceedings in Computer Science & Information Technology (CS & IT) series• IJCSIT
Conference Committee Memberships	<ul style="list-style-type: none">• Co-Convenor, Special session on "Big Data Applications, Challenges and Perspectives in IT And Management", in the INDIACom – 2016: 3rd International Conference on "Computing for Sustainable Global Development" held during March 16-18, 2016 at BVICAM, New Delhi.• Organising Secretary, National Conference on Future Directions in Multidisciplinary Perspective of Computer Science & Information Technology: "Scope & Challenges", The IIS University, 30-31 January 2015.
Academic Committee Memberships	<ul style="list-style-type: none">• Co-opted Member, Examiner's Panel Selection Committee, The IIS University.• Member, Board of Studies, Computer Science & IT, The IIS University.
FDP/Workshops attended	<ul style="list-style-type: none">• National FDP on "Foundation Program in ICT for Education (FDP101x)" organized by IIT Mumbai from 13 Sept. 2018 to 18 Oct. 2018• National FDP on "Pedagogy for Online and Blended Teaching-Learning Process (FDP201x)" from 25 Oct. to 29 Nov. 2018• Three-day National FDP on Artificial Intelligence & Deep Learning organized by Poornima University and Bennett University from 12-14 October, 2018• Principles & Practices of Effective Student Assessment organized by IIS (Deemed to be University) from 24-25 August 2018• Two-day National workshop on Leadership and Management Skills for Women in Higher Education, sponsored by The Association of Commonwealth Universities, UK, 16-17 February 2018• Participated in UGC-Sponsored Orientation Programme from 18 May 2015 to 13 June 2015 organized by University of

Mandatory Disclosure - MCA

- Rajasthan, Jaipur.
- Participated in National Workshop on "Cloud Computing and Big Data Convergence 2015", Manipal University in association with EMC2, 23-25 February 2015.
 - Participated in Two Days National Workshop on Ethics in Scientific Writing and Plagiarism, The IIS University, 7-8 November, 2014.
 - Participated in Workshop on 'Cloud, Big Data & Bluemix' at ISIM Jaipur, 23 July 2014.
 - Participated in FDP on 'LOG-In Life' on 11 July 2014 organized by The IIS University, Jaipur.
 - Participated in FDP on 'Team Efficacy & Positive Work Culture' on 10-12 July 2013 organized by The IIS University, Jaipur.
 - Participated in FDP on 'Coaching, Mentoring and Effectiveness at the Workplace' on 10-11 July 2012 organized by The IIS University.
 - Participated in Workshop on 'Next Generation W3C Web Technologies' held on 12 February 2012, organized by The LNM Institute of Information Technology in association with World Wide Web Consortium India.
 - Participated in the Two-Day Workshop on 'Linux and Open Source Technology' organized by Linux World Training and Development Centre, held on 5-6 March, 2010 at ICG College, Jaipur.
 - Participated in a Workshop on PHP (Drupal) organized by DUCAT, held on 5th Oct 2010, at ICG College, Jaipur.
 - Participated in 3-day Workshop on 'IBM DB2' organized by India International Institute of Management, Jaipur from 18-20 February 2010.
 - Participated in a Faculty Development Programme on 'Stress Management and Motivation & Ethics at Work-Place' held by International College for Girls on 12 and 13 December, 2008.
 - Participated in FDP on 'Autonomy: a positive step towards achieving academic excellence' on 8 August, 2006 organized by International College for Girls, Jaipur.
 - Participated in Panel Discussion on 'Union Budget 2006-07' on 18th March 2006 organized by International College for Girls, Jaipur.
 - Participated in Workshop on 'Enterprise Application Development with IBM Software' organized by India International Institute of Management, Jaipur on 5 - 7 October 2005.
 - Participated in Panel Discussion on 'Budget 2005-06: Action-Reaction' on 12 April 2005 organized by International College for Girls, Jaipur.
 - Participated in FDP on 'Budget 2005-06: Hopes & Fears' on 25 February organized by International College for Girls, Jaipur.
 - Participated in National Workshop on 'ABC of Success: The Menu Card of Life' organized by India International Institute of Management, Jaipur on 22 November 2004.



Faculty Profile

Name of Teaching Staff	DR. PRIYANKA MATHUR
Designation	Assistant Professor
Department	Computer Science
AICTE ID	1-2952610355
Date of Birth	11/26/1979
Date of Joining the Institution	18-04-2016
Academic Qualifications	Ph.D. (Computer Science) M.Tech. (Computer Science), JNRVD, Udaipur, 2007 DOEACC 'O', 'A', 'B' Level C-DAC Noida, 2004 B.Com., MDS university, Ajmer, 2000
Total Experience in Years	Academic: 14 Industry: 1
Research Areas/ Areas of Interest	Computer Graphics, Software Engineering, Algorithms & Data Structures, Artificial Intelligence, Operating System, C, C++, Computer Architecture, Soft Computing, IoT
Significant Publications: Books	"Introduction to Computer Graphics", Genius Publications, Jaipur, 2008.
Units/ Chapters Authored	-
Papers Published in Journals	International: 07 <ul style="list-style-type: none">• Mathur, P. (2020). Heuristic Expert Evaluation of e-Learning Application. In <i>Rising Threats in Expert Applications and Solutions</i> (pp. 155-162). Springer, Singapore.• Mathur P. & Chande S. V. (2019, February). Empirical Investigation of Usability Evaluation Methods for Mobile Applications Using Evidence Based Approach. Springer, Nature.• Mathur, P., & Chande, S. V. (2017, November). Evidence based Approach to Discover Effective Non-Functional Testing Technique(s) in Typical Software Domains. <i>International Journal of Advanced Studies in Computer Science and Engineering</i>, 6(11), 16-25. Impact Factor 0.418.• Mathur, P., & Chande, S. V. (2017, October). Usability Testing Methods for Mobile Learning Applications. <i>International Journal of Computer Science & Mobile Applications</i> 5(10) 1-9 ISSN: 2321-8363 Impact Factor: 4.123.• Priyanka Mathur, Swati V. Chande, "Software Testing through Evidence Gathering," <i>Discovery Journal</i>, ISSN: 2278-5469, EISSN: 2278-5450, 15(41), Page 68-71, 2014.• Priyanka Mathur, Swati V. Chande, "Software Testing through Evidence Gathering", <i>International Journal of Information and Computation Technology</i>, ISSN 0974-2239, Volume 3, Number 7, 2013, pp. 625-632. Impact Factor 0.687.

Mandatory Disclosure - MCA

	<ul style="list-style-type: none">Priyanka Mathur, Swati V. Chande, "An Evidence-based Approach to Discovery and Assessment of Software Engineering Decisions", Special Issue of International Journal of Computer Applications (ISSN 0975 – 8887) on Issues and Challenges in Networking, Intelligence and Computing Technologies – ICNICT 2012, ISBN: 973-93-80870-09-1, Page 30-36, November 2012. Impact Factor 0.814.
Papers Presented/Published in Conferences	National: International: 01
	<ul style="list-style-type: none">Priyanka Mathur, "Evidence-based Software Engineering through SLR's"--- International Conference on Recent Trends of Computer Technology in Academia .3rd March, 2012.
	National: 01
	<ul style="list-style-type: none">Priyanka Mathur, Swati V. Chande Systematic Review- A Tool For Effective Evidence Gathering In Software testing , National Conference on "Emerging Trends in Information Technology" (NCETIT-12) on November 24, 2012 at I.M.S, Ghaziabad.
Cases Published	-
Newspapers/ Magazine Articles	-
PhD Guide	Registered as PhD Guide in Rajasthan Technical University, Kota
Field & University	Field : Software Engineering
PhD Guided/ Under Guidance	-
Professional Memberships	-
Consultancies/ Research Projects Undertaken	-
FDPs Undertaken	<ul style="list-style-type: none">Online FDP on "Internet of Things (IoT)", AICTE Training And Learning (ATAL) Academy at National Institute of Technical Teachers Training and Research, MHRD, from 7 Sept 2020 to 11 Sept 2020.Online FDP on "Artificial Intelligence" AICTE Training And Learning (ATAL) Academy at North Eastern Regional Institute of Science & Technology from 14 Sept 2020 to 18 Sept 2020.FDP on "Internet of Things" at JaganNath Gupta Institute of Engineering & Technology, Jaipur, Rajasthan from 19 August 2020 to 21 August 2020.FDP on 'Creativity and Innovation in Professional Teaching' by Prof. Somesh Dhamija, and Prof. Aruna Dhamija, Institute of Business Management, GLA University, Mathura, 07 December 2019.Think Critical- Design and Implementation through Cognitive Thinking through Object Oriented Programming, Dr. C. K. Kumbharana, Professor and Head, Department of Computer Science, Saurashtra University, Rajkot, Gujarat, 09 April, 2019International Workshop on Digital Marketing for Management and Computer Science Graduates, Mr. Atanu Ghosh, Chairperson, Academic Board for designing and delivering International PG Diploma in Digital Marketing, Mr. Deepak Pramanik, Founder Director, SEED Academy, Mr. Nandan Sengupta, Founder-Director ESK Network and NSG Portal, 28 February, 2019Workshop on Python Programming Language, Technoglobe

Mandatory Disclosure - MCA

Training Centre, Jaipur, 21-23 February 2019

- Workshop on Robotic Process Automation (RPA) Technology, Mr. Nishant Goel, Founder & CEO BOT Mantra, Bengaluru, January 17, 2019
- International Workshop on Roadmap to Quality Publication in Management and Computer Science, Prof. O P Gupta, MBA Department, Marilyn Davis College of Business, University of Houston-Downtown, Texas, USA, January 07, 2019
- FDP on Traps of the Human Mind, Mr. Kishore Chainani, Associate Certified Life Coach & International Coach Federation, USA, 02 November 2018
- Workshop on Data to Information, Prof. (Dr.) Balwinder Singh, Director and Professor- In- Charge, Data Analytics & Research, Guru Nanak Dev University, 13 October, 2018
- Workshop on Artificial Intelligence and Deep Learning with ANNs, CNNs and RNNs by Dr. Deepak Garg, at Poornima University, Jaipur from 12-14 October 2018
- Workshop on Self Defense Training, Lt. Col. Joginder Singh Lamba (Retd.), National Council Member, ISTD, Jaipur Chapter, 29 September 2018
- Workshop on Angular with Node JS, Mr. Gaurav Bhardwaj, Business Manager – Corporates, Techavera, Noida, 18-20 September 2018
- Participated in FDP on 'LOG-In Life' on 11 July 2014 organized by The IIS University, Jaipur.
- Participated in FDP on 'Team Efficacy & Positive Work Culture' on 10-12 July 2013 organized by The IIS University, Jaipur.
- Participated in FDP on 'Coaching, Mentoring and Effectiveness at the Workplace' on 10-11 July 2012 organized by The IIS University.
- Participated in the Two-Day Workshop on 'Linux and Open Source Technology' organized by Linux World Training and Development Centre, held on 5-6 March, 2010 at ICG College, Jaipur.
- Participated in a Workshop on PHP (Drupal) organized by DUCAT, held on 5th Oct 2010, at ICG College, Jaipur

Awards and Recognitions

-

Invited Speeches and Invitations as Resource Person for FDPs/

Workshops/ Seminars Editorial Appointments/ Reviewer

-

Conference Committee Memberships

-

Academic Committee Memberships

- Keynote Speaker at National Seminar on e-Commerce. Held at Lachoo College, Jodhpur
- Member of Board of Studies, The IIS University, Jaipur
- Examiner at IIS (deemed to be University, Jaipur)
- Examiner at Rajasthan Technical University, Kota
- Examiner at University of Rajasthan, Jaipur
- Examiner at Poornima University, Jaipur



Faculty Profile

Name of Teaching Staff	MR. PEEYUSH PAREEK
Designation	Assistant Professor
Department	Computer Science
AICTE ID	1-2494185752
Date of Birth	4/13/1985
Date of Joining the Institution	2/2/2015
Academic Qualifications	Pursuing Ph.D. MCA
Total Experience in Years	6 years
Research Areas/ Areas of Interest	Mobile Application Testing
Significant Publications: Books	-
Units/ Chapters Authored	-
Papers Presented in Conferences	<ul style="list-style-type: none">• Presented paper titled "The need of model based testing of an Android Application" at ISIM, Jaipur.• Presented paper titled "Grey Box Approach For Mobile Application Testing" at IIS University, Jaipur.• Presented paper titled "Analysis of Mobile Application Testing Techniques" at ISIM, Jaipur.• Presented paper titled "Different Testing Techniques for Mobile Application" at ISIM, Jaipur.• Presented paper titled "A comparative study of mobile application testing frameworks" at Bilateral conference on Impact of Make in India efforts, Biyani College, Jaipur.• Presented paper titled "Evaluation of different platforms for big data analysis", at HACER, Jaipur, NCBDC-2015.• Presented paper titled "Feature Analysis and Testing of M-Learning Applications" at ICMIT 2015, ISIM, Jaipur.• Presented paper titled "A Study of Techniques for mobile testing and analytical view of testing tools" at FDMPCSIT, The IIS university, Jaipur.• Presented paper titled "Analysis of Open Source Mobile Testing" at BICON 2014, BCG, Jaipur.• Presented paper titled "An analytical study of automated testing techniques for mobile application" at NCSE 2014, JK Lakshimaphth university, Jaipur.• Presented paper titled "Testing Technique for Mobile Applications" at ECTME-14, S.S. Jain Subodh P.G. College, Jaipur.• Presented paper titled "Wireless Mesh Network: An Emerging Technique for wireless Network" at ISIM, Jaipur.• Presented paper titled "Cloud Computing Security" at ICRTA 2012, JRNRVU, Udaipur.
Cases Published	-
Newspapers/ Magazine	-

Mandatory Disclosure - MCA

Articles	
PhD Guide	-
Field & University	-
PhD Guided/ Under Guidance	-
Professional Memberships	-
Consultancies/ Research Projects Undertaken	-
MDPs Undertaken	-
Awards and Recognitions	-
Invited Speeches and Invitations as Resource Person for FDPs/ Workshops/ Seminars	-
Editorial Appointments/ Reviewer	-
Conference Committee Memberships	<ul style="list-style-type: none">• FICR-TEAS 2020• FDMPCSIT 2015
Academic Committee Memberships	-
FDP/Workshops attended	<ul style="list-style-type: none">• Attended FDP/STC on 'One Week Recent Trends in Research Article Writing' by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India, 22 to 27 March, 2021.• Attended workshop on 'TEQIP-III Sponsored Workshop On "Next Generation Networks" ' by Rajasthan Technical University, Kota & Global Institute of Technology, Jaipur, 27 to 31 August, 2020.• Attended FDP on 'International Level One Week Faculty Development Programme on Advanced Data Science and its Applications' by Department of CSE & IT, BVRIT HYDERABAD College of Engineering for Women, 22 to 26 June, 2020.• Attended workshop on 'One Day Workshop on Emerging Trends in Research Methodologies' by M. M. Institute of Computer Technology & Business Management Maharishi Markandeshwar Mullana-Ambala, Haryana, 09 June, 2020.• Attended workshop on 'One Day online Workshop on empowering effective scientific research by harnessing the power of web of science & managing references using endnote' by Guru Nanak Dev University, Amritsar, 20 May, 2020.• Attended FDP/STC on 'Application Development using Android' by NITTTR, Chandigarh, 15 to 19 July, 2019.• Attended FDP on 'Creating Institute of Excellence: A Holistic Strategic Framework' by ISIM, Jaipur, 5 March, 2016.• Attended National management Symposium organized by Biyani Group of Girls Colleges on 11-12 February, 2011.• Attended Skill Promoting workshop on DOT NET technology organized by The IIS University from 25.9.2013 to 27.10.2013.• Attended workshop on Matlab & Simulink for Engineering Education organized by MATH WORKS Ltd. on August 6, 2013.• Attended Seven Days Workshop on Research Methodology & Statistical Analysis Using IBM SPSS organized by June 10,

Mandatory Disclosure - MCA

Refresher/Orientation Course Attended

- 2014.
- Attended FDP on Interactive Teaching Practices In Present Scenario organized by Jagannath University, Jaipur on Feb. 18, 2011.
- Attended FDP on "Coaching, Mentoring and Effectiveness at the workplace" organized by The IIS University on 10-11 July, 2012.
- Attended FDP on Team Efficacy and Positive Work Culture organized by The IIS University on 10-12 July, 2013.
- Attended FDP on "Log-in Life" organized by The IIS University on 11 July, 2014.
- Attended Orientation Course organized by ASC, University of Rajasthan, Jaipur from 4–20 June, 2012.