

# Dr. VIDHI KHANDUJA

**Date of Birth:** 9<sup>th</sup> November, 1981

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## OBJECTIVE

The success of any person depends on the right exposure, hard work and both of these backed up by the right training. My objective is to enjoy my work and to use my skills and time to the best of my efforts to serve the organization.

## WORK EXPERIENCE (18+ Years)

- I. Designation:** Assistant Professor, Department of Computer Science  
**Employer:** Hansraj College, University of Delhi  
**DOJ:** 22.11.2022 till Date
- II. Designation:** Associate Professor, Department of Computer Science & Engineering  
**Employer:** The North Cap University, Gurugram, Haryana  
**Duration:** 26<sup>th</sup> July 2021 till 21.11.2022.
- III. Designation:** Associate Professor, Department of Computer Engineering  
**Employer:** SAL Education, Gujarat Technological University  
**Duration:** 1<sup>st</sup> September 2017 till 18th June 2021.
- IV. Designation:** Assistant Professor, Department of Computer Engineering  
**Employer:** Netaji Subhas University of Technology (erstwhile, Netaji Subhas Institute of Technology), Dwarka, Delhi  
**Duration:** 1<sup>st</sup> August 2014 to 31<sup>th</sup> August 2017.
- V. Designation:** Teaching cum Research Fellow, Department of Computer Engineering  
**Employer:** Netaji Subhas University of Technology (erstwhile, Netaji Subhas Institute of Technology), Dwarka, Delhi  
**Duration:** 1<sup>st</sup> Feb 2012 till 31<sup>st</sup> July 2014.
- VII. Designation:** Assistant Professor, Department of Information Technology  
**Employer:** Delhi Technological University (erstwhile known as Delhi College of Engineering)  
**Duration:** 23<sup>rd</sup> July 2007 till 31<sup>st</sup> Jan 2012.
- VIII. Designation:** Senior Software Engineer  
**Employer:** Virtual Logistics, New Delhi.  
**Duration:** 01<sup>st</sup> Jan 2004 till 20<sup>th</sup> July 2007. (3yrs + 7 months)

## EDUCATIONAL QUALIFICATIONS

S. No	Degree	Institution	Board/ University	Year	Percentage
1	<b>Ph.D</b> Title: "Design & Analysis of	Netaji Subhas Institute of Technology, Delhi	University of Delhi	2012-2017	--

	Watermarking Techniques for Web Databases to enhance Robustness & Fragility” <b>Area:</b> Information Security			<b>Thesis Submitted:</b> Dec, 2015. <b>Date of Notification</b> : 28 June, 2017 <b>Award of degree:</b> 18 Nov, 2017	
2	M.E(CTA) Part-Time	Delhi Technological University (erstwhile Delhi College of Engineering), Delhi	University Of Delhi	2008-2011	82.58%
3	B.Tech (IT)	Guru Tegh Bahadur Institute of Technology, Delhi	GGSIU	1999-2003	82.72%
4	AISSCE (XII)	APEEJAY School, Sheikh Sarai, Delhi	C.B.S.E	1998-1999	82.8 %
5	AISSE (X)	Modern Public School, Shalimar Bagh, Delhi	C.B.S.E	1996-1997	83.4%

## **SCHOLASTIC ACHIEVEMENTS**

1. **Topped the NPTEL course** “An Introduction to Machine Learning”, 8 Weeks, by Prof. Sudeshna Sarkar, IIT Kharagpur from July-Sep 2021 with 83% score and **has been awarded Elite Silver Certificate.**
2. **Awarded Elite Silver Certificate for NPTEL course** “Cryptography and Network Security” organized by IIT Kharagpur, (12 Weeks) during the Jan-Apr 2021.
3. Received Certificate of Appreciation from NPTEL for Quality check of translated files of course Computer Network and Internet Protocol on 1.12.20.
4. Received Certificate of Appreciation for exemplary support and continued work as a leader in strengthening the program and activities from Vodafone India on 19th Oct. 20
5. Received **Best Paper award** for the research paper entitled,” Machine Learning: Application, Techniques and Current Scenario” at state conference on “Current Engineering Education: threats, challenges & opportunities” at **24th ISTE State Annual Faculty Convention 2019**, jointly organized by ISTE Gujarat Section and SAL Education Campus, GTU, Ahmedabad, on 27th December, 2019.
6. Awarded **Professor Dr. Muhammad H Rashid Best Paper Award** for the research paper entitled “Modern Lossless Compression Techniques: Review, Comparison and Analysis“, at 2017 Second IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2017) held at SVS College of Engineering, Coimbatore, Tamil Nadu, India, during 22 to 24, February 2017.
7. Awarded certificate of merit by **CBSE** for **outstanding academic performance** and for being among the top 0.1 percent of successful candidates of AISSE 1997 in Mathematics.
8. Won the Bronze medal in **Manavsthal Inter-School Mathematics** competition in 1997.
9. Awarded merit certificates for **Consistent Excellence in Academics** by Modern Public School, Delhi.

## **POSITIONS OF RESPONSIBILITY/Other Activities (Academic/Administrative/Research)**

1. Successfully completed NPTEL course “**An Introduction to Machine Learning**”, **8 Weeks**, by Prof. Sudeshna Sarkar, IIT Kharagpur from July-Sep 2021 and **topped the course with 83% score and has been awarded Elite Silver Certificate.**
2. Successfully completed NPTEL course “**Cryptography and Network Security**” organized by IIT Kharagpur, (**12 Weeks**) during the Jan-Apr 2021 and **scored 75% and has been awarded Elite Silver Certificate.**
3. Chairperson of the Department Academic Committee of CSE at The North Cap University, Gurugram from August 2021 till 21 Oct 2022.
4. Endorsed as **Associate Professor**, Computer Engineering at Gujarat Technological University.
5. Registered as **PhD Supervisor** at Gujarat Technological University. Currently guiding 3 PhD scholars under GTU.
6. Worked in the capacity of **Incharge Principal**, SAL Institute of Diploma Studies, Affiliated to Gujarat technological University, Ahmedabad, Gujarat from April 2019 till 30 June 2020.
7. Worked in the capacity of **Head of Department from May 2018 till June 2021.**
8. Successfully completed NPTEL course “**An Introduction to Artificial Intelligence**”: (**12 Weeks**) on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020.
9. Successfully completed ARPIT Course for Career Advancement Scheme (CAS) promotion “**A Practical Refresher in Computer Science**” with a "C" Grade in the proctored examination held on 16.02.2020 coordinated by Indian Institute of Technology Bombay.
10. **Published two books, 14 International Journals, and 15 conference papers.**
11. **Attended 40+ Conferences/Workshops/Training /FDPs.**
12. **Organized/Convener**
  - i. GUJCOST sponsored **5 days of Online National level STTP on “Understanding Blockchain and its Applications**” from 15.02.2021-19.02.2021 at SCE, SAL Education in association with GUJCOST, GOG.
  - ii. Seminar on “**Basics of Intellectual Property Rights**” on 18<sup>th</sup> January 2020 at SAL Institute of Diploma Studies, SAL Education, Ahmedabad in association with Gujarat Technological University.
  - iii. **Two-days National conference on “Advances in Computer Technology**” on 28-29 March 2019 at SAL Education Campus, Ahmedabad in association with GUJCOST.
  - iv. **One week Faculty Development Program on “Machine Learning Using Python**” held during 28.01.2019 till 01.02.2019 in SAL Education Campus, GTU, Gujarat.
  - v. **3-day workshop on “Research Methodology and Scientific Writing**” on 15-17 March, 2017 organized by Division of Computer Engineering, Netaji Subhas Institute of Technology.
  - vi. One day **Information Security Awareness** workshop at Rajkiya Pratibha Vikas Vidyalaya, Rohini, Delhi under ISEA project on 22 July, 2010.
13. **Delivered expert talk on:**
  - i. “**Decision Trees: A classification and regression approach in Machine Learning**” at Faculty Development Program on Machine Learning organized by The NorthCap University, Gurugram from 2-10 August 2022.

- ii. **“Decision Tree and Performance Matrix”** on 1.10.2021, 10.30a.m-12.30p.m at the Computer Engineering department, Devang Patel Institute of Technology and Advance Research, CHARUSAT University, Ahmedabad, Gujarat.
- iii. **“Introduction to a Blockchain”**, GUJCOST sponsored 5 days Online National level S.T.T.P on “Understanding Blockchain and its Applications” 15-19 Feb 2021 organized by SCE, SAL Education in association with GUJCOST, GOG on 15.02.2021, 10.00 am-12.00 noon.
- iv. **“Cryptography and its Applications”** on 30.01.2021,10.30am-12.30pm. at the Computer Engineering department, Devang Patel Institute of Technology and Advance Research, CHARUSAT University, Ahmedabad, Gujarat.
- v. **“Artificial Neural Networks”** at GUJCOST sponsored one week Webinar on “Machine Learning: A key driver of digital transformation” organised by Computer Engineering department, Devang Patel Institute of Technology and Advance Research, CHARUSAT University on 14.10.2020, 2.00 pm-4.00pm.
- vi. **“Basics of Intellectual Property Rights”** on 18<sup>th</sup> January 2020 at SAL Institute of Diploma Studies, SAL Education, Ahmedabad in association with Gujarat Technological University.
- vii. **“Plagiarism- How best to avoid it” at a three-day workshop on “Research Methodology and Scientific Writing”** on 15-17 March, 2017 organized by the Division of Computer Engineering, Netaji Subhas Institute of Technology.
- viii. **“Information Security Awareness”** One day Information **Security Awareness** workshop at Rajkiya Pratibha Vikas Vidyalaya, Rohini, Delhi under ISEA project on 22 July, 2010.

#### 14. Coordinated

- i. **Global webinar “SHE Sciences #GWB-21”- Global Women’s Breakfast-21** in “Discipline” Committee organized by SAL Education and curated under IUPAC on 9th February 2021.
- ii. **Event Management Committee for 24th ISTE State Annual Faculty Convention 2019 and State Conference** on “Current Engineering Education: threats, challenges & opportunities”, jointly organized by ISTE Gujarat Section and SAL Education Campus, GTU, Ahmedabad, on 27th December, 2019.
- iii. **Two-day international workshop** on “Intellectual Property Rights meets Information Technology” on 25-26 October’10 organized by Delhi Technological University (erstwhile Delhi College of Engineering).
- iv. **Two-day seminar** on “Information Security” on 2-3 Feb’09 at Delhi Technological University (erstwhile Delhi College of Engineering).

#### 15. Associated with several International/National/State conferences/Events:

- i. **Reviewed** several reputed journals and conference papers. To name few; **IEEE Transactions** on Knowledge and Data Engineering, **IET Science**, Measurement and Technology, The Arabian Journal for Science and Engineering, springer; Journal of Information Processing Systems, Computer Applications in Engineering Applications, Wiley, International Symposium on Cybersecurity, ITNG 2019,2020, GTUICON-2019 and IEEE International Conference on Information Processing-2016, ICITETM 2020.
- ii. **Member, TPC at IETCINT, Hyderabad, <https://ietcint.com/user/committees>**

**Aug 25-27 2022** The Second International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2022 will be held at Mahindra University, Hyderabad, India, from August 25 to 27, 2022.

- iii. **Chaired a session** in the "International Conference on Computational Intelligence in Analytics and Information Systems" organised by Department of Computer Science and Technology, Manav Rachna University, Faridabad held on 2nd - 3rd April, 2021.
- iv. **Member, Program Committee**, 11th International Symposium on Cybersecurity, ITNG 2020, April 5-8, 2020, Las Vegas, Nevada, USA
- v. **Jury, technical session at State Conference** on "Current Engineering Education: threats, challenges & opportunities", jointly organized by ISTE Gujarat Section and SAL Education Campus, GTU, Ahmedabad, on 27th December, 2019.
- vi. **Member, Academic Committee**, International Conference on Machine Learning, Big Data and Business Intelligence (MLBDBI2019) will be held on November 8-10, 2019 in Taiyuan, China. [www.mlbdbi.org](http://www.mlbdbi.org).
- vii. **Technical Session Chair at National conference "GTUICON"** organised by Gujarat Technological University, 14-16 March 2019 at GTU, Chandkheda Campus, Ahmedabad.
- viii. **Member, Technical program committee**, International conference on "Machine Learning, Big Data, Cloud and parallel Computing: Trends, perspective and Prospects", 14-16 Feb, 2019, organised by CSE, Faculty of Engineering, MIIRS, Faridabad, Haryana <https://comitcon.in/technical-program-committee/>
- ix. **Member, technical program Committee of** The International Workshop on Security in Health Informatics (SHInfo 2018) in association with IEEE Global Communications Conference 2018, Held at Abu Dhabi, UAE, on December 9-13, 2018. <https://sites.google.com/site/shinfo2018/>, <https://globecom2018.ieee-globecom.org/workshop/ws-17-shinfo2018-security-health-informatics/committees>
- x. **Member, Technical program committee**, *The International Conference Towards Extensible and Adaptable Methods in Computing, TEAMC 2018, 26-28 March, 2018*, Netaji Subhas Institute of Technology, New Delhi, India, <http://teamc18.com/#>.
- xi. **Participated as the Judge in** Janak Kapoor All India Debate competition organized by Abhivyakti, the Debating Society at Satyawati College, University of Delhi on 20<sup>th</sup> Jan, 2017.
- xii. **Compered** the National Seminar on "India – A knowledge Society", held on 5<sup>th</sup> July, 2010, Organized by the Society of Technology and National Development (STAND) and Delhi Technological University (DTU) at the India Habitat Centre, New Delhi.
- xiii. **Compered** the orientation programme on 2<sup>nd</sup> August, 2010 at Delhi Technological University.
- xiv. Presented the paper titled," **Digital Watermarking: A Technologically Protective Measure For Data Security**" in **Vibrant Startup and Technology Summit 2019** under the theme "Recent Research developments" jointly organized by **Department of Science and Technology** and **Government of Gujarat**, Ahmedabad, at Science City, Ahmedabad, 12<sup>th</sup>-14<sup>th</sup> December, 2019.

#### 16. Participation In Departmental Activities:

- a. Chairperson of **Departmental Academic Committee (DAC)**, Department of Computer Science and Engineering, NCU, India from 21.08.21 till 21.10.2022.
- b. Committee member of **Data Science Centre of Excellence**, Department of Computer Science and Engineering, NCU, India
- c. Faculty advisor of IEEE, IAS chapter at NCU from 25.10.2021 onwards.
- d. Faculty coordinator of UDAAN club at NCU from 13.12.2021 onwards.

- e. Member of Organizing committee of International Conference to be held on November 2022, International Conference on Cyber Security and Digital Forensics" ICCSDF 2022.
- f. Member of Organizing committee of International Conference to be held in 2022, International Conf. on Innovations in Data Analytics & Machine Learning (IDAML-22).
- g. Editor, Newsletter of Department of Computer Engineering "Comp-Talk"
- h. Editor, Newsletter of Department of Information Technology "Tech-Talk"
- i. Editor-In-Chief of the Computer Engineering department magazine "Fuzzy to Crisp".
- j. **Faculty mentor** for DST and Texas Instruments **India Innovation Challenge Design Contest 2019** powered by NSRCEL@IIMB, AICTE mission and supported by MyGov.
- k. **Member of Women Development Committee** at SAL Institute of Diploma Studies from August 2019 till Date.
- l. **Coordinator of Anti-ragging squad** at SAL Institute of Diploma Studies from August 2019 till Date.
- m. **Editor-In-Chief of the Computer Engineering department magazine "Fuzzy to Crisp"**. This provides a common platform to share information, innovations and achievements of students, faculty members and college. Ist issue was released in March 2019.
- n. **College SPOC for Smart India Hackathon SIH' 2019.**
- o. **Editor-In-Chief, of SAL Institute of Technology and Engineering Research magazine "The Builder"**. This provides a common platform to share information, innovations and achievements of students, faculty members and college. Ist issue was released in August 2018.
- p. **Involved in Ph.D. admission process** in Netaji Subhas Institute of Technology, 2014 batch.
- q. **Co-investigator of Information Security Education and Awareness (ISEA) Project** initiated by Department of Information Technology (DIT), Ministry of Communication and Information Technology and Delhi Technological University (erstwhile Delhi College of Engineering) is one of the actively participating institutes from Jan 2009 to Jan 2012.
- r. Actively involved in **designing of syllabus for M.Tech** (Information System) to reflect changing technologies and suit the demands of the industry in Delhi Technological University.
- s. Contributed significantly to **revising the syllabus for B.Tech** (Information Technology) of Delhi Technological University (erstwhile Delhi College of Engineering).
- t. **Involved in the admission process** of M.Tech (Information System) students in Delhi Technological University (erstwhile Delhi College of Engineering), 2009 batch.
- u. **Held various responsibilities like Time-table in-charge, Lab-In Charge** of Information Security Lab under Department of Information Technology, **Coordinator for Major Project, Minor Project and Seminar** for final year B.Tech (Information Technology) in Delhi Technological University.

## **PUBLICATIONS**

### **BOOKS (2):**

1. **"Constitution of India"**, Text/Reference Book, Atul Prakashan, Ahmedabad, ISBN NO: 978-93-85173-99-8, 95 pages, 2019. (Book for BTech/Mtech students studying in GTU)
2. **"Effective Technical Communication"**, Text/ Reference Book, Atul Prakashan, Ahmedabad, ISBN NO: 978-93-85138-10-2, 140 pages, 2019. (Book for BTech students of III sem, GTU)

### **INTERNATIONAL JOURNALS (14)**

1. **“A Generic Watermarking Model for Object Relational Databases”**, Multimedia Tools and Applications, Springer, Vol. 78(19), pp: 28111-28135, 2019. <https://doi.org/10.1007/s11042-019-07932-3>. UGC Approved, Scopus, Science Citation Index Expanded (SciSearch), ISSN No. 1573-7721, Impact Factor: 2.757.
2. **“Machine Learning: Applications, Techniques And Current Scenario”**, International Journal of Research and Analytical Reviews, Vol.6 (2), pp.130-135, [https://ijrar.org/viewfull.php?&p\\_id=IJRAR1AWP026](https://ijrar.org/viewfull.php?&p_id=IJRAR1AWP026), E-ISSN 2348-1269, P- ISSN 2349-5138, June 2019, UGC no. 43602, pp130-135 .
3. **“Comparative Analysis Of Fragile Watermarking Techniques For Web Databases”**, Journal of Emerging Technologies and Innovative Research, ISSN -2349 5162, Vol. 6, Issue 4, p-14-17, April, 2019, <http://doi.org/10.1729/Journal.21186>, UGC Approved (Journal No: 63975).
4. **“Reformed Vehicle Service System Based On Customer Recommendation”**, Journal of Emerging Technologies and Innovative Research, ISSN -2349 5162, Vol. 6, Issue:4, p-5-8, April 2019 <http://doi.org/10.1729/Journal.21184>, UGC Approved (Journal No: 63975).
5. **“Fragile Watermarking of Decision System Using Rough Set Theory”**, Arabian Journal for Science and Engineering ,March, 2018, Springer Berlin Heidelberg, Vol. 43(12), pp.7621-7633, Impact Factor: 2.334, <https://doi.org/10.1007/s13369-018-3120-7>, Print ISSN 2193-567X, Online ISSN 2191-4281. SCOPUS, SCIEExpanded, SCIMago, UGC Approved.
6. **“Effect Of Cyber Crime On Economical Development”**, International Journal of Scientific Research and development, <http://ijsrd.com/Article.php?manuscript=IJSRDV5I100321>, Vol. 5(10), pp. 261-264, Jan, 2018, ISSN (online): 2321-0613
7. **“Development of Cognitive Skills in Early Age”**, International Journal of Science Technology and Engineering (IJSTE), <https://ijste.org/Article.php?manuscript=IJSTE4I6008>, Vol. 4(6), 01-01-2018, pp. 17-20, ISSN: 2349-784X
8. **“Analyses On Digital Watermarking Techniques for Web Databases”**, International Journal of Science Technology and Engineering (IJSTE), <https://www.ijste.org/Article.php?manuscript=IJSTE4I6013>, Vol. 4(6), pp.34-36, 2017, ISSN: 2349-784X
9. **“Database Watermarking, a Technological Protective Measure: Perspective, Security analysis and Future directions”**, *Journal of Information Security and Applications, Elsevier*, Volume 37, pp. 38-49, Dec 2017, ISSN: 2214-2126, Impact Factor: **3.872**, Science Citation Index Expanded, Scopus, Grp A, UGC Care List, <https://doi.org/10.1016/j.jisa.2017.10.001>
10. **“Dynamic Watermark Injection in NoSQL Databases”**, *Journal of Computer Science Applications and Information Technology*, Symbiosis, 2(1), pp. 1-5, 02.01.2017, ISSN 2474-9257, DOI: <http://dx.doi.org/10.15226/2474-9257/2/1/00108>.
11. **“Enabling Information Recovery with Ownership using Robust Multiple Watermarks”**, *Journal of Information Security and Applications, Elsevier*, Volume 29, pp.80-92, August, 2016, DOI: 10.1016/j.jisa.2016.03.005, ISSN:2214-2126. Science Citation Index Expanded, Scopus Indexed, Grp A, UGC Care List, **Impact Factor: 3.872**.
12. **“Watermarking Categorical Data: Robustness and Algorithm Analysis”**, *Defense Science Journal*, DRDO, Volume 65(3), pp. 226-232, 29<sup>th</sup> May, 2015, **Impact Factor: 0.730, pISSN: 0011-748X eISSN: 0976-464X**. DOI: <https://doi.org/10.14429/dsj.65.8444>. Science Citation Index Expanded, Grp A, UGC Care list, SCOPUS Indexed.
13. **“Watermarking Relational Databases using Bacterial Foraging Algorithm”**, *Multimedia tools and Applications*, Springer, Volume 74(3), pp.813-839, 13.10.2013, DOI: 10.1007/s11042-013-1700-9. **Impact Factor: 2.757, ISSN: 1380-7501 (print version) ISSN: 1573-7721 (electronic version)**, UGC Approved, Scopus, Science Citation Index Expanded (SciSearch).

14. “**Identification and Proof of Ownership by Watermarking Relational Databases**”, *International Journal of Information & Electronics Engineering*, Vol. 2(2), pp. 274-277, 1, March, 2012, ISSN 2010-3719, DOI: 10.7763/IJIEE.2012.V2.97.

### **BOOK CHAPTER (01)**

1. “**Ownership and Tamper detection of Relational Data: Framework, Techniques and Security Analysis**”, published as a chapter in the book titled: *Embodying Intelligence in Multimedia Data Hiding* at Science Gate Publishing, 2016, DOI 10.15579/gcsr.vol5, ISBN 978-618-81418-8-9 (print) - ISBN 978-618-81418-9-6 (e-book). Pp. 21-36

### **NATIONAL & INTERNATIONAL CONFERENCES (15)**

1. **A Survey on Automated Eye Disease Detection using Computer Vision Based Techniques** at 2021 IEEE Pune Section International Conference (PuneCon) held on December 16-19 2021, presented paper on 18.12.21 at MIT ADT, pune, India, pp. 1-6, doi: 10.1109/PuneCon52575.2021.9686479. ISBN: 978-1-6654-4480-4
2. **Multimodal Sentiment Analysis: Review, Application domains and Future directions** at 2021 IEEE Pune Section International Conference (PuneCon) held on December 16-19 2021, pp. 1-5, doi: 10.1109/PuneCon52575.2021.9686504.
3. **Defaulter Prediction for Assessment of Credit Risks using Machine Learning Algorithms**, 2020 4th IEEE International Conference on Electronics, Communication and Aerospace Technology on (ICECA), 5-7, November 2020, Coimbatore, India, pp. 1139-1144, DOI: [10.1109/ICECA49313.2020.9297590](https://doi.org/10.1109/ICECA49313.2020.9297590), Electronic ISBN:978-1-7281-6387-1 CD:978-1-7281-6386-4, **Print on Demand(PoD) ISBN:978-1-7281-6388-8**
4. “**Intelligent Farming System With Weather Forecast Support and Crop Prediction**”, in IEEE International Conference on Computing, Communication and Security held at Indian Institute of Technology Patna, Patna, India during October 14 – 16, 2020, pp. 1-6, DOI: 10.1109/ICCCS49678.2020.9277437. **Electronic ISBN:978-1-7281-9180-5, Print on Demand(PoD) ISBN:978-1-7281-9181-2**
5. “**Multifunctional HUD with Drowsy Detection and Fog Elimination Mechanism**”, *4th International Conference on Computers and Management*, (ICCM) 22-23 Dec 2018, G. B. Pant Govt. Engineering College, New Delhi- 110020 **ELSEVIER-SSRN digital library. <https://ssrn.com/abstract=3363819>**
6. “**Applications of Big Data in Real World**”, *IEEE International Conference on Computing, Communication and Automation*, 05-06 May 2017, Galgotias University, Greater Noida, UP, ISBN: 978-1-5090-6471-7, DOI: 10.1109/CCAA.2017.8229792
7. “**Modern Lossless Compression Techniques: Review, Comparison and Analysis**”, 2017 IEEE International Conference on Electrical, Computer & Communication Technologies, 22-24, Feb, 2017, S.V.S College of Engineering, Coimbatore, pp-1083-1090. DOI: [10.1109/ICECCT.2017.8117850](https://doi.org/10.1109/ICECCT.2017.8117850), E-ISBN: 978-1-5090-3239-6, Print on Demand(PoD) ISBN: 978-1-5090-3240-2. <https://ieeexplore.ieee.org/document/8117850>
8. “**A Scheme for Robust Biometric Watermarking in Web Databases for Ownership Proof with Identification**”, *International conference on Active Media Technology*, 11-14 August 2014, University of Warsaw, Poland, LNCS 8610, pp.212-215 ISBN: 978-3-319-09911-8 (Print) 978-3-319-09912-5 (Online).[https://doi.org/10.1007/978-3-319-09912-5\\_18](https://doi.org/10.1007/978-3-319-09912-5_18)
9. “**A Robust Multiple Watermarking Technique for Information Recovery**”, *IEEE International Conference on Advanced Computing (IACC)*, 21-22 Feb 2014, ITM(Now NorthCap University), Gurgaon, India, pp.250-255, Electronic ISBN: 978-1-4799-2572-8 CD-ROM ISBN: 978-1-4799-



2571-1, doi: [10.1109/IAdCC.2014.6779329](https://doi.org/10.1109/IAdCC.2014.6779329)

10. **“Robust Watermarking for Categorical data”**, *IEEE International conference on Control, Computing, communication and materials ICCCCM*, August, 2013, Allahabad, pp.174-176.
11. **“Digital Database Protection-A Technico legal perspective”**, *7<sup>th</sup> National conference on computing for nation development*, BVICAM, Delhi, 7-8 March 2013, pp.361-364, ISSN 09737529.
12. **“Information Security Measures for Business Management”**, *6th International conference on Innovative ways of managing Business in the post globalised Era*, Bharati Vidypeeth Deemed University institute of management & research, Delhi, 2-3 February 2013, pp.253.
13. **“A Robust Watermarking Approach for Non-Numeric Relational Databases”**, *IEEE, International Conference on Communication, Information & Computing Technology (ICCICT)*, Sardar Patel Institute of Technology, Mumbai, 19-20 Oct. 2012, pp.1-5, Electronic ISBN: 978-1-4577-2078-9 Print ISBN: 978-1-4577-2077-2 CD-ROM ISBN: 978-1-4577-2076-5, [10.1109/ICCICT.2012.6398095](https://doi.org/10.1109/ICCICT.2012.6398095).
14. **“Identification and Proof of Ownership by Watermarking Relational Databases”**, *IEEE International Conference on Network communication and Computer (ICNCC-2011)*, SRM University, Modinagar, 21-23 March 2011, pp.257-260 ISBN: 978-1-4244-9551-1.
15. **“Hand Gesture Recognition and Perceptual User Interface in Matlab”**, *IEEE International Advance Computing Conference (IACC-2009)*, Thapar University, Patiala, 6-7 March 2009, pp.1496-1499 ISSN 9789810824655.

## **SUBJECTS TAUGHT**

Data Structures, Information Security, Machine Learning, Artificial Intelligence, Introduction to programming, Computer System Architecture, Internet and Web Engineering, Object-Oriented programming, Multimedia, Fundamentals of Information Technology, Computer Programming and Utilization, C language, Research Methodology and Intellectual Property, English for research paper writing, Design Engineering-1.

## **TECHNICAL SKILLS**

- **Languages:** C, C++, PL/SQL, HTML, XML, JAVA, Visual Basic, VB.Net, PROLOG, Python.
- **Operating Systems:** Windows 9x/XP, Linux
- **Tools and Packages:** Matlab, MS PowerPoint, Word, Excel, Access, Turbo C, MSSQL.

**PROFESSIONAL MEMBERSHIP: IEEE, IEEE WIE DELHI, ISTE (LIFE-TIME) .**

## **STRENGTHS**

1. Good Analytical Skills
2. Insatiable thirst for knowledge
3. Practical approach
4. Ability of organizing and systematic planning
5. Hard Working; Dedication towards work
6. Always try to take initiative for the work

## **REFERENCES**

1. Prof. O. P. Verma  
Professor, Electronics & Communication Engineering,  
Delhi Technological University, Delhi  
Contact No. 09910050177, Email: [opverma.dce@gmail.com](mailto:opverma.dce@gmail.com), [opverma@dce.ac.in](mailto:opverma@dce.ac.in)
2. Prof. Bhavna Soni  
Professor & I/c Principal  
SAL College of Engineering,  
SAL Education, Bhadaj-Santej Rd, opposite Science City,

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I hereby declare that all the information furnished above is true to the best of my knowledge & belief.

**Dr. VIDHI KHANDUJA**