

Dr. Chander Kant

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Teaching Experience: **26 years**

- **Professor** (since April 2021), Department of Computer Sc. & Applications, Kurukshetra University, Kurukshetra, Haryana, INDIA.
- **Associate Professor** (April 2018 to April 2021), Department of Computer Sc. & Applications, Kurukshetra University, Kurukshetra, Haryana, INDIA.
- **Assistant Professor** (Aug 2004 to April 2018), Department of Computer Sc. & Applications, Kurukshetra University, Kurukshetra, Haryana, INDIA.
- **Assistant Professor** (Aug 2003 to Aug 2004), Department of Computer Sc. & Applications, CDLU, Sirsa, Haryana, INDIA.
- **Assistant Professor** (Aug 2001 to Aug 2003), Department of Computer Sc. & Applications, GJU, Hisar, Haryana, INDIA.

Date of Birth: 17-09-1977

Web of Science ID: N-4848-2018 **Orcid:** 0000-0003-1530-0375 **Scopus Author ID:** 43661316800

Citations: 855, H-index: 15, i10-index: 23

Qualifications: **Ph.D.** (Computer Science) in the field of Biometrics Security, from Deptt. of Comp. Sc. & Appl., K.U. Kurukshetra- Apr. 2010.

M.Tech. Computer Science from Guru Jambheshwar University, Hisar-2001.

Master of Information Technology from Guru Jambheshwar University, Hisar.-1998.

B.Sc. (Electronic) from Kurukshetra University, Kurukshetra – 1996.

Area of interest: Biometric, Software Engineering, JAVA and Internet, Web-Engineering, Computer Networks, Computer Graphics.

UGC Project Completed

Completed UGC-minor project titled “Efficiency Optimization for Fingerprint Biometric System” Jan 2011-Feb 2013.

Books Published

Dr. Chander Kant, Er. Sharad Chauhan, "**Programming in C**" ISBN: 978-93-81252-39-0, published by Bharat Publications, New Delhi. 2019

Patents Published

1. Published

APPLICATION NUMBER	202111005723
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2021
PUBLICATION DATE (U/S 11A)	19/02/2021
APPLICANT NAME	1 . Dr. Abhay Kumar Agarwal 2 . Dr. Kanta Prasad Sharma 3 . Dr. Chander Kant 4 . Alka Choudhary
TITLE OF INVENTION	AN IOT BASED AUTONOMOUS FIREFIGHTING DRONE THROUGH MACHINE LEARNING

2. Published

APPLICATION NUMBER	202111049037
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/10/2021
PUBLICATION DATE (U/S 11A)	05/11/2021
APPLICANT NAME	1 . Sonal 2 . Dr. Ajit Singh 3 . Dr. Chander Kant
TITLE OF INVENTION	Method For Recognition Of Face And Age Using Discrete Wavelet Transform And Local Binary Pattern
FIELD OF INVENTION	COMPUTER SCIENCE

3. Published

APPLICATION NUMBER	202111049752
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/10/2021

PUBLICATION DATE (U/S 11A)	19/11/2021
APPLICANT NAME	1 . Sonal 2 . Dr. Ajit Singh 3 . Dr. Chander Kant
TITLE OF INVENTION	ELBP BASED FACE AND AGE DETECTION
FIELD OF INVENTION	COMPUTER SCIENCE

4. Published

Invention Title	AN IMPROVED HEARING AID SYSTEM WITH IMAGE PROCESSING AND AI (ANN) FOR ENHANCED PERFORMANCE.		
Publication Number	26/2023		
Publication Date	30/06/2023		
Application Number	202311036816		
Application Filing Date	28/05/2023		
Field Of Invention	ELECTRONICS		
Inventor			
Name	Address	Country	Nationality
Samta Manori	Department of Applied Science, DIT University, Dehradun, Uttarakhand	India	India
Ashok Manori	Department of Electrical Engineering, Women Institute of Technology, Dehradun	India	India
Jaipal Saroha	Professor, Department of Instrumentation, Kurukshetra University, Kurukshetra	India	India
Gopal Singh	Associate Professor, Department of Computer Science and Applications, Maharshi Dayanand University, Rohtak	India	India
Chander Kant	Professor, Department of Computer Science and Engineering, Kurukshetra University, Kurukshetra	India	India
Amrinder Kaur	Assistant Professor, Department of Computer Science and Applications, Maharshi Dayanand University, Rohtak	India	India

5. APPLICATION NUMBER	202311057049
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/08/2023
APPLICANT NAME	1 . Divya Shree 2 . Dr. Chander Kant 3 . Prof. Dr. B.K.Sarkar 4 . Miss Pari Nidhi Singh 5 . Mr. Pawan Kumar Singh
TITLE OF INVENTION	ADVANCED SECURITY IMPROVED USING BLOCK CHAIN SYSTEM.
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in
EMAIL (As Per Record)	ckant@kuk.ac.in
PUBLICATION DATE (U/S 11A)	29/09/2023

6. Design Application Details Category: Ampoule Sealing And Filling Apparatus**Application Number: 405469-001****CBR Number: 201139****CBR Date: 23/01/2024**

Applicant Name: 1. Dr. Ritu Sharawat

2. Dr. Chander Kant

3. Dr. Sheetal Chaudhary

4. Prof. (Dr.) B.K Sarkar

5. Mr. Pawan Kumar Singh

6. Prof. (Dr.) Vandana Singh

7. Dr. Reena Singh

Design Application Status

Application Status: Design Accepted and Published, Journal No is 14/2024 and Journal Date is 05/04/2024

Ph.D. Students Supervision

Sr. No.	Student Name	Reg. Year	Reg. No.	Topic/ Thesis Title	Status
1	Vikas Goyal	Oct, 2011	02-UC-189	Hybrid Algorithms for Security and Cost Optimization of Cloud Data Storage	Viva on 25-04-2016 and Awarded on 28-04-2016
2	Manju	Apr, 2012	99-SGS-106	Association Rule Mining using Ant Colony Optimization	Viva and Awarded on 10-03-2016
3	Sukhdev Singh	Mar, 2014	98-DAP-78	Multimodal Biometric Framework Security Using Finger Knuckle Print and Iris	Viva on 27-01-2020 and Awarded 28 th on Feb, 2020
4	Komal	30/01/2017	12-UCS-42	Optimal Fusion Strategies Using Multimodal Biometric Technique for Human Recognition and Authentication	Submitted on 18/11/2021 Awarded on 25/03/22
5.	Vijender Singh	Enrol Date 30-09-19 Reg Date 21/10/2020	09-GJ-1313	Biometric Based Multi-Factor Authentication System For Protection of IoT Devices	
6.	Prabhjot Kaur	Enrol Date 20-03-20 Reg Date 15-07-21	07-DA-148	Biometric Framework for Securing IoT Environment	
7	Nivedita				
8	Ajay Kumar				
9	Gurmeet Singh				
10	Ruby				

SCOPUS Indexed Publications (Journal/Book Chapter/Conference)

Sr. No	Paper Title and Publication	Authors	Year
	“Distorted Fingerprint Recognition Using Machine Learning: An Overview” in 2nd INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND COMPUTING APPLICATIONS (ICCICA-2025) (Technical Co-sponsor IEEE Delhi Section, New Delhi) at PIET, Panipat, Haryana, India	Dr. Chander Kant, Nivedita	OCT 30-31, 2025
1	Optimized hybrid SVM-RF multi-biometric framework for enhanced authentication using fingerprint, iris, and face recognition published in “PeerJ The open access journal for computer science” SCI-Indexed	Sonal, Ajit Singh, Chander Kant	February 17, 2025
2	2-Phase Multi-trait Biometric Authentication Model Against Spoofing Attack Using Deep Hash Model published in SN Computer Science (2025) 6:47 https://doi.org/10.1007/s42979-024-03513-w Springer Nature Singapore Pte Ltd. 2024	Prabhjot Kaur Chander Kant	Vol.:(01234 56789) 27 Dec 2024
3	Fingerprint based authentication framework for IoT environment published in Journal of Autonomous Intelligence, DOI: 10.32629/jai.v7i4.863	Vijender Singh, Chander Kant	Volume 7 Issue 4 pp1-8 2024
4	Biometric Framework for Securing IoT Environment published in journal of mechanics of continua and mathematical sciences issn print: 0973-8975 Issn Online: 2454-7190 (ICSISCET 2022) pp 633–649, Online: 24	Prabhjot Kaur Chander Kant	September 2023
5	A multi biometric system based on hybrid SVM-RBF classifier and hybrid optimization algorithm for fingerprint-iris-face published in Jundishapur journal of microbiology SCIE Indexed, Scopus, Web-of-Science ISSN 2008-4161	Sonal, Ajit Singh Chander Kant	Vol 15, No.1, 2022
6	Reviewing Scope of Multimodal Approach in Face and Iris Recognition” published in Springer book series “Algorithms for Intelligent Systems Series”.	Sonal, Ajit Singh, and Chander Kant	pp 119-131 2022
7	Biometric-Based Authentication in Internet of Things (IoT): A Review by Vijender Singh, Chander Kant published in springer book series "Advances in Information Communication Technology and Computing. Springer; ISBN: 978-9811554209	Vijender singh Chander Kant	Pages 309-317, 10 May 2022
8	Performance evaluation of multi-instance fusion for fingerprint templates at feature level published in Turkish Journal of Computer and Mathematics Education Research	Divyashree, Dr. Chander Kant	Vol.12 No.14 (2021), 4702-4714 4702
9	An Efficient Multimodal Biometric System Integrated with Liveness Detection Technique published in Advances in Intelligent Systems and Computing	Chander Kant, Komal,	2021, 1189, pp. 411–422
10	Face and age recognition using three-dimensional discrete wavelet transform and rotational local binary pattern with radial basis function support vector machine method published in International Journal of Electrical Engineering & Education 2021 DOI: 10.1177/0020720920988489 journals.sagepub.com/home/ije	SCI Indexed Sonal, Ajit Singh and Chander Kant	0(0) 1–16 2021

11	Finger Knuckle Print Feature Extraction Using Artificial Intelligence Algorithm Published in SPRINGER Proceedings of International Workshop, NAMSP New Approaches for Multidimensional Signal Processing https://link.springer.com/book/10.1007/978-981-33-4676-5	Chander Kant, Sheetal Chaudhary, Sukhdev Singh	2020 Pages 195-205
12	A Novel Multimodal Biometric System using Face and FKP published Published in International Journal of Advanced Trends in Computer Science and Engineering	Komal, Dr. Chander Kant	9(4), July – August 2020, 4496 – 4502
13	A Multimodal Biometric System Based on Finger Knuckle Print, Fingerprint, and Palmprint Traits” published in Advances in Intelligent Systems and Computing, Springer, Innovations in Computational Intelligence and Computer Vision, Proceedings of ICICV 2020, eBook ISBN: 978-981-15-6067-5	Chander Kant, Sheetal Chaudhary	Volume: 1189, pp182-192 2020.
14	An Efficient Multimodal Biometric System Integrated with Liveness Detection Technique” published in Advances in Intelligent Systems and Computing, Springer, Innovations in Computational Intelligence and Computer Vision, Proceedings of ICICV 2020, eBook ISBN: 978-981-15-6067-5	Chander Kant, Komal,	Volume: 1189, Pages : 411-422 of 2020.
15	A Watermarking Based Approach for Protection of Templates in Multimodal Biometric System published in Procedia Computer Science Journal, Elsevier ISSN: 1877-0509, Volume: 167, Pages 932-941	Chander Kant, Sheetal Chaudhary	2020
16	Inconsistent Cluster Analysis With Disease Feature Enhancement (ICADFE) For American Cotton Leaf Disease Recognition published in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-5C	Kapil Prashar, Rajneesh Talwar, Chander Kant	May 2019
17	A Robust Multimodal Biometric System via Multiple SVMs published in International Journal of Innovative Technology and Exploring Engineering (IJITEE) is having ISSN 2278-3075 VOLUME-8 ISSUE-12, OCTOBER 2019.	Komal, Chander Kant	2019
18	A Robust Multimodal Biometric Crypto System published in International Journal of Recent Technology and Engineering (IJRTE) Vol. 8, Issue 2S8, pp 1953-1961, September 2019.	Komal, Chander Kant	2019
19	Novel method of FKP feature extraction using mechanical variable published in International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, ISSN: 2278–3075 (Online), Volume-8 Issue-10, August 2019, Page No.: 3021-3025.	Sukhdev Singh, Chander Kant	Aug. 2019
20	CNN based on Overlapping Pooling Method and Multi-layered Learning with SVM KNN for American Cotton Leaf Disease Recognition published in International Conference on Automation, Computational and Technology Management, ICACTM 2019	Prashar, K., Talwar, R., Kant, C.	2019
21	Approach for Protection of Iris Template using Cancelable Biometrics published in International Journal of Sensors, Wireless Communications and Control - SWCC) DOI: 10.2174/2210327908666181011143736	Sheetal Chaudhary, Rajender Nath, Chander Kant	2019
22	A Novel Shape and Texture based Analysis of the American Cotton Leaf Diseases with SVM Classification published in SCOPUS indexed Journal of Advanced Research in Dynamical & Control Systems (ISSN 1943-023X),	Kapil Prashar*, Rajneesh Talwar, Chander Kant	pp 1596-1603 Special Issue 2018
23	Secure Iris Recognition with Visual Cryptography published in International Journal of Signal Processing, Image Processing and Pattern Recognition Vol. 11, No. 4, pp 9-20	Sheetal Chaudhary, Rajender Nath, Chander Kant	2018

24	An effective hybrid encryption algorithm for ensuring cloud data security published in Springer conference proceedings of Big Data Analytics (CSI)	Vikas Goyal, Chander Kant	2018
25	Mining association rules directly using ACO without generating frequent item sets conference proceedings of IEEE International Conference on Energy Systems and Applications held on 30 October- 01 November 2015 Published Date July 2016, ISBN:978-1-4673-6817-9 DOI: 10.1109/ICESA.2015.7503377	Manju, Chander Kant	July 2016
26	An effective algorithmic approach for cost optimization in Cloud based data center conference proceedings of IEEE International Conference on Issues and Challenges in Intelligent Computing Techniques	Vikas Goyal, Chander Kant	7-8 Feb. 2014
27	Biometrics security concerns published in conference proceedings of Second IEEE International Conference on Advanced Computing & Communication Technologies	Dahiya, N., Kant, C.	Pp 299-304 2011
28	When to stop testing published springer conference proceedings of High Performance Architecture and Grid Computing	Jangra, A., Singh, G., Kant, C., Priyanka	Pp 626-630 2011
29	An Efficient Power Saving Adaptive Routing (EPSAR) protocol for mobile ad hoc networks (MANETs) published springer conference proceedings of High Performance Architecture and Grid Computing	Jangra, A., Goel, N., Chander Kant., Priyanka	Pp 631-639 2011

Publications in the International Journals

1. Divya Shree, Chander Kant “Deep Learning Classification Models For Detection Of Covid Patients” published in Journal of Positive School Psychology” Vol. 6, No. 11, 2022, pp 209-221.
2. Divya Shree, Chander Kant “Building Efficient Neural Networks For Brain Tumor Detection” published in Journal of Positive School Psychology” Vol. 6, No. 11, 2022, pp 222-235.
3. Komal and Chander kant " Comparative Study of Fusion Techniques Performed at Different Levels" Published in International Journal of Research in Electronics and Computer Engineering, IJRECE Vol. 6 Issue 3, ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online), July - September 2018.
4. Mukesh Rani and Chander kant "A Hybrid Approach for Raising System Security by Fusing Fingerprint and Iris Traits " Published in IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org (ISSN (e): 2250-3021, ISSN (p): 2278-8719), Vol. 20, Issue 3, PP 54-62, May-June 2018
5. Vijender Singh and Chander kant "A Multimodal Approach To Enhance The Performance of Biometric System" Published in IOSR Journal of Engineering

(IOSRJEN) www.iosrjen.org (ISSN (e): 2250-3021, ISSN (p): 2278-8719), Vol. 20, Issue 3, PP 68-73, May-June 2018

6. Komal, Dr. Chander Kant "Analysis of Different Fusion and Normalization Techniques" Published in International Journal of Advanced Research in Computer and Communication Engineering (DOI 10.17148/IJARCCCE.2018.7369 363, ISSN (Online) 2278-1021, ISSN (Print) 2319-5940), Vol. 7, Issue 3, March 2018
7. Sukhdev Singh and Chander kant "An Efficient Multi-Modal Biometric Verification System Using FKP and Iris" Published in IOSR Journal of Engineering (IOSRJEN) www.iosrjen.org (ISSN (e): 2250-3021, ISSN (p): 2278-8719), Vol. 08, Issue 4, PP 28-35, available at [http://www.iosrjen.org/pages/volume8-issue4\(part-1\).html](http://www.iosrjen.org/pages/volume8-issue4(part-1).html) April. 2018.
8. Neha Bhatia, Himani and Chander kant "A Novel Approach to address Sensor Interoperability using Gabor filter" Published in Oriental Journal of computer science & technology (ISSN : 0974-6471), vol.10 No. (2), june 2017
9. Neha Bhatia,Himani and Chander kant "Minimizing sensor interoperability problem in fingerprint using euclidean distance" Published in International journal of computer science & communication(IJCSC) (ISSN: 0973-7391), Volume 8 issue 2 march 2017-sept 2017
10. Komal and Chander kant "An approach to enhance security of biometric system using LSB watermarking" published in International Journal of Advanced Research in Computer Science (ISSN : 0976-5697) Volume 8, No 5, May-June 2017.
11. Komal and Chander Kant "Enhancing the security of Biometric System using DWT Watermarking" published in International journal of computer science and communication (IJCSC) (ISSN: 0973-7391), Volume 8 Issue 2 March-Sept 2017.
12. Mamta Devi, Gurmeet Kaur and Chander Kant" A Novel Approach to Improve the Biometric Security using Liveness Detection" published in International Journal of Advanced Research in Computer Science (ISSN : 0976-5697) Volume 8, No 5, May-June 2017.
13. Mamta Devi and Dr. Chander Kant " A Multimodal Approach to Raise the Security of Biometric System published in International Journal of Computer Science and Communication(IJCSC) (ISSN: 0973-7391), Volume 8, Issue 2 March- Sept 2017.
14. Komal, Dr. Chander Kant "Liveness Detection in Different Biometric Traits: An Overview" published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 8, Issue 5, May-June, 2017.

15. Gurmeet kaur, parikshit, Chanderkant , "A multimodal approach to raise the security of biometric system" published in International journal of IT & knowledge management (IJITKM) (ISSN: 0973-4414), Volume 10, issue 2 (jan-june 2017)
16. Gurmeet Panipat: 2. Gurmeet kaur, parikshit, Chanderkant , "A novel approach to improve the biometric security using liveness detection" published in International journal of computer science and communication (ISSN: 0973-7391), Volume 8, issue 2 (march-sept 2017)
17. Himani, Parikshit and Chander kant "Minimizing sensor interoperability problem using euclidean distance" Published in International journal of computer science & communication(IJCSC), (ISSN: 0973-7391), Volume 8 issue 2 march 2017- sept 2017
18. Himani, Parikshit and Chander kant "Addressing biometric sensor interoperability using gabor filter" Published in International Journal of IT & Knowledge Management(IJITKM), (ISSN 0973-4414), Volume 10 issue 2 (JAN- JUNE 2017)
19. Sukhdev Singh and Chander Kant "A Novel Approach to Secure Biometric Template with Steganography" Published in International Journal of Advanced Research in Computer Science, (ISSN : 0976-5697) Volume 8 Issue 5 available at <http://ijarcs.info/index.php/Ijarcs/article/view/3576/3486> May-June 2017.
20. Sukhdev Singh and Chander Kant "Protection of Fused Template Using Visual Cryptography", published in SCOPUS INDEXED, International Journal of Control Theory and Applications (ISSN : 0974-5572) Volume: No.9, Issue No.40 (2016), Pages: 247-255, 2016.
21. Manisha Kumari, Dr. Chander Kant "A Multimodal Approach to Enhance Biometric System Security and Performance" published in International Journal of Computer Science & Communication (ISSN: 0973-7391), Volume 7, Issue 2, pp 68-72, March 2016- Sept. 2016.
22. Uma Verma, Dr. Chander Kant "Secure Biometrics Template Protection Approach Using Chaotic Map" published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, June, 2016.
23. Sapna Saini, Dr. Chander Kant "Consistent Approach for Enhancing Security using Feature Level Fusion", published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, June, 2016.
24. Meenakshi, Dr. Chander Kant "Novel Approach for Precise Fingerprint Detection" published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, June, 2016.

25. Varnika, Dr. Chander Kant “Addressing Sensor Interoperability Problem using Fingerprint Segmentation” published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, May - June, 2016.
26. Shweta Setiya, Dr. Chander Kant “A Novel Steganographic Approach for Securing Biometric Templates” published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, June, 2016.
27. Arushi Aggarwal, Dr. Chander Kant “Recognising Deformed Fingerprint using SVM Classifier” published in International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 7, Issue 3, June, 2016.
28. Sukhdev Singh, Dr. Chander Kant "A Multimodal Biometric Identification System Using Finger Knuckle Print and Iris" published in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), ISSN: 2278-1021, DOI: 10.17148/IJARCCE.2015.411114 available online at <http://www.ijarcce.com/volume-4-issue-11.html> Volume-4, Issue-11 pp 512-516, **Impact Factor 4.582**, 2015.
29. Minakshi Berwal, Dr. Chander Kant, “Load Balancing in Cloud Computing Using Task Scheduling” published in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), DOI: 10.17148/IJARCCE.2015.4737 available at <http://www.ijarcce.com/upload/2015/july-15/IJARCCE%2037.pdf> , Volume-4, Issue-7, July 2015, **Impact Factor 4.582**, 2015.
30. Minakshi Berwal, Dr. Chander Kant, “Load Balancing in Cloud Computing” published in International Journal of Computer Science and Communication (IJCSC) available at <http://www.csjournals.com/?p=807>, Volume-6, Issue-2, **Impact Factor 2.5**, 2015.
31. Rubal Jain, Dr. Chander Kant, “A Novel Watermark Approach for securing Fingerprint Template” published in International Journal of Computer Science and Communication (IJCSC) available at <http://www.csjournals.com/?p=807>, Volume-6, Issue-2, **Impact Factor 2.5**, 2015.
32. Sonal, Dr. Chander Kant, “Improving Performance of a Face Liveness Detection System Using Soft Biometrics” published in International Journal of Computer Science and Communication (IJCSC) available at <http://www.csjournals.com/?p=807>, Volume-6, Issue-2, **Impact Factor 2.5**, 2015.
33. Mamta Ahlawat, Dr. Chander Kant, “A Multimodal Approach to Increase the Security of Biometric System” published in International Journal of Computer Science and Communication (IJCSC) available at <http://www.csjournals.com/?p=807>, Volume-6, Issue-2, **Impact Factor 2.5**, 2015.
34. Nitin Sambharwal, Dr. Chander Kant, “A Novel Approach To Increase The Performance of Biometrics Iris Sensors” published in International Journal of Computer Science and

Communication (IJCSC) available at <http://www.csjournals.com/?p=807>, Volume-6, Issue-2, pp 27-32, **Impact Factor 2.5**, 2015.

35. Sonal Girdhar, Dr. Chander Kant “A Novel Approach for detecting Fingerprint Liveness” published in International Journal of Innovation and Advancement in Computer Science (IJIACS, ISSN- 2347-8616, Impact Factor- 2.65) available online at <http://www.academicscience.co.in/issue.php?id=6&journal=IJIACS&sid=27> Volume-4, Issue-6, Impact Factor 2.65, May 2015.
36. Rubal Jain, Dr. Chander Kant “A Novel approach for securing Fingerprint template using Steganography” published in International Journal of Innovation and Advancement in Computer Science (IJIACS, ISSN- 2347-8616, Impact Factor- 2.65) available online at <http://www.academicscience.co.in/issue.php?id=6&journal=IJIACS&sid=27> Volume-4, Issue-6, Impact Factor 2.65, May 2015.
37. Mamta Ahlawat, Dr. Chander Kant “A Multimodal Approach to enhance the Performance of Biometric System” published in International Journal of Innovation and Advancement in Computer Science (IJIACS, ISSN- 2347-8616, Impact Factor- 2.65) available online at <http://www.academicscience.co.in/issue.php?id=6&journal=IJIACS&sid=27> Volume-4, Issue-6, Impact Factor 2.65, May 2015.
38. Nitin Sambharwal, Dr. Chander Kant, “Biometrics Fingerprint Sensors: An Introduction” published in International Journal for Scientific Research & Development ISSN (online): 2321-0613, available at <http://ijsrd.com/Article.php?manuscript=IJSRDV3I2723>, Volume-3, Issue-2, pp 1019-1025, impact factor 1.82, May 2015.
39. Sonal Girdhar, Dr. Chander Kant, “Liveness Detection: An Overview” published in International Journal for Scientific Research & Development ISSN (online): 2321-0613, available at <http://ijsrd.com/Article.php?manuscript=IJSRDV3I2689>, Volume-3, Issue-2, pp 1155-1160, impact factor 1.82, May 2015.
40. Mamta Ahlawat, Dr. Chander Kant, “An Introduction to Multimodal Biometric System: An Overview” published in International Journal for Scientific Research & Development ISSN (online): 2321-0613, available at <http://ijsrd.com/Article.php?manuscript=IJSRDV3I2690>, Volume-3, Issue-2, pp 1150-1154, impact factor 1.82, May 2015.
41. Rubal Jain, Dr. Chander Kant, “Attacks on Biometric Systems: An Overview” published in International Journal for Scientific Research & Development ISSN (online): 2321-0613, available at <http://ijsrd.com/Article.php?manuscript=IJSRDV3I2691>, Volume-3, Issue-2, pp 1090-1094, impact factor 1.82, May 2015.
42. Dr. Chander Kant “Performance Improvement of Biometric System using Multimodal Approach” published in International Journal of Innovation and Advancement in Computer Science (IJIACS, ISSN- 2347-8616, Impact Factor- 2.65) available online at <http://www.academicscience.co.in/admin/resources/project/paper/f201502251424874388.pdf> Volume-4, Special Issue, **Impact Factor 2.65**, March 2015.

43. Manju, Dr. Chander Kant, "ACO Based Approach for Discovery of Frequent Item Sets from Database" published in International Journal of Computer Science and Communication (IJCSC) available at <http://www.csjournals.com/?p=519>, Volume-6, Issue-1, pp 9-16, **Impact Factor 2.5**, 2015
44. Vikas Goyal, Dr. Chander Kant, "A Hybrid Algorithm to Ensure Data Security in Cloud" in IEEE Xplore Digital Library, IEEE Paper Code: 978-1-4799-8433, 2015.
45. Dr. Chander Kant, Vikas Goyal, "An Effective Hybrid Encryption Algorithm for Ensuring Data Security in Cloud" in International Journal for Science and Information Conference, 2015.
46. Vikas Goyal, Dr. Chander Kant, "An Effective Algorithmic Approach for Cost Optimization in Cloud Based Data Center" published in IEEE Xplore Digital Library, IEEE Paper Code: 978-1-4799-2900 available at <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&tp=&arnumber=6781353&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel7%2F6767437%2F6781240%2F06781353.pdf%3Farnumber%3D6781353>, pp 630-637, 2014.
47. Neesha Sharma, Dr. Chander Kant, "Comparative Analysis of Association Rule Mining Algorithms" published in International Journal for Scientific Research & Development ISSN (online): 2321-0613, available at <http://www.ijserd.com/articles/IJSRDV2I2217.pdf>, Volume-2, Issue-2, pp 1007-1010, **impact factor 1.82**, 2014
48. Gursimarpreet kaur, Dr. Sheetal Verma, Dr. Chander Kant Verma, "Classification Of Fingerprint, Iris And Facial Sensors" published in International Journal for Scientific Research & Development, ISSN: 2321-0613, available at <http://www.ijserd.com/articles/IJSRDV2I3681.pdf>, Volume-2, Issue-3, pp 1837-1844, **Impact Factor 1.82**, 2014.
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40. "Biometric sensor, based on FTIR" in the proceedings of National conference on "Bioinformatics Computing" organized by Chaudhary Devi Lal University, Sirsa, 19 Feb 2006.
41. "Off-line Optical Frustrated Total Internal Reflection" in the proceedings of AICTE sponsored national seminar on Information and Communication Technology- Recent Advances & Applications ICT-2006 organized by JMIT, Radaur, Yamuna Nagar, 9-11, PP 237-240, Feb 2006.

Guiding M.Tech. Students

Sr No	Name	Roll No.	Title of Thesis
Batch 2008-2010			
1	Shivani	-----	Content Based Image Retrieval In Multimedia Database
2	Seema Rani	695197	Quality Concerns In Data Warehouse Using Meta Data
Batch 2009-2011			
1	Vinay Kumar Mishra	1176308	Peer-to-Peer Distributed Database System

2	Sunil Jolly	1176353	A Study Of internet Protocol Security And Its Implementation In IPv6
3	Priyanka Sharma	1176318	Liveness Detection Of Biometric System
4	Ruchi Kharbanda	1176335	Implementation Of Web Services Through Fleet Management System
5	Avijit Sikdar	1176327	A Robust Steganography Method For Secure Biometric Data Transfer
6	Sunil Kumar	1176344	Specialized Web Search Engine
Batch 2010-2012			
1	Vivek Dhiman		Biometric Security Using Liveness Detection Technique
2	Neha Dahiya	590808	Enhancing Biometric Template Security
3	Sachin Gupta	--	User Authentication using Iris Recognition
Batch 2011-2013			
1	Nitin Sharma	49006	A novel Approach For Liveness Detection In Phase Recognition
2	Yogesh	49025	Architecture For Cloud Security And interoperability
3	Isha	49055	Improved Xen-App Server For Cloud Computing
4	Annu	49035	Biometric Based User Authentication Through Facial Expression
Batch 2012-2014			
1	Gursimarpreet Kaur	397532	Fusion Of Different Traits Of Secure Biometric Template
2	Sanjiv Kumar Grewal	397514	Biometric Template Security Using a Composite Approach
3	Ravi Parkash Goela	397539	Securing the Remote System With Personal Identification Card Using Biometrics
4	Arun Kumar Yadav	397548	Integrating Multiple Traits For Efficient Biometric System
5	Neha Gandhi	397530	Multi-model Approach To secure Online Voting System
6	Neesha Sharma	397521	Analysis And Improvement For Association Rule Mining
7	Anuradha Rehal	397557	An effective Algorithmic Approach For Associative Classification Using Ontology
8	Tanisha Aggarwal	397505	Spoofing And Anti-Spoofing Measures In Biometric System
Batch 2013-2015			
1	Rubal Jain	919265	Advanced Template Security for Fingerprint Biometric System
2	Sonal Girdhar	919305	Enhanced Biometric Security through Liveness Detection
3	Mamta Ahlawat	919282	A Multimodal Approach to Enhance Performance and Security of Biometric System
4	Nitin	919273	A Novel Approach to Reduce Fingerprint Sensors Interoperability and Increase of Iris Sensors Performance
5	Minakshi		
Batch 2014-2016			

1	Manisha	1374004	Improving Security and Performance Issues in Biometric System
2	Uma	1374013	Biometric Template Security using Chaotic Map
3	Sapna Saini	1374021	Biometric based User Authentication using Multibiometric Techniques
4	Minakshi	1374031	Security Enhancement in Biometric System Using Liveness Detection
5	Varnika	1374040	Addressing Sensor Interoperability Problem in Fingerprint Recognition Systems
6	Arushi	1374048	Analysis of Deformed Fingerprint using Support Vector Machine
7	Shweta	1374049	Biometric Template Security using Watermarking and Steganography
Batch 2015-2017			
1	Mamta	674006	Advanced Biometric Security Using Multimodal and Liveness Detection Approach
2	Komal	674015	
3	Ritu	674024	
4	Neha	674033	Addressing Sensor Interoperability Problem in Biometric System
Batch 2016-2018			
1	Mukesh	1270505	Advancement in Biometric Security Using Multimodal and Liveness Detection Approach
2	Vijender	1270514	Improving the Security and Performance Issues in Biometric System by combining multiple cues and Soft Traits
Batch 2017-2019			
	Sakshi Nagpal	1270005	A multimodal approach to Improve the Biometric System security
Batch 2018-2020			
	Satish	5454002	Fingerprint sensor Interoperability
Batch 2019-2021			
	Annu	8141003	Performance evaluation of CNN and cascade classifier in face detection
Batch 2020-2022			
	Tajinder		
Batch 2022-2024			
	Ravi	2022008006	Distorted fingerprint matching using Open Source Computer Vision

Key-Note/ Expert Lectures

1. Delivered Expert-Lecture on "**Intelligent Biometrics Security: Human Traits with AI**" in one day National Seminar on "Applications of AI in education and research: Opportunities and challenges" at DAV College Ambala City 23-08-2025.
2. Delivered Expert-Lecture on "**Intelligent Biometrics Security: Human Traits with ML**" in One week workshop on "Cyber Security and AI" at University of Jammu on 12-08-2025.
3. Delivered Expert-Lecture "**Machine Learning and Large Language Model in real world applications**" in FDP workshop on "Unlocking the Power of Machine Learning and LLM for Real-World Business Strategies 20th to 26th May 2025" at Chitkara University, Himachal Pradesh on 23-03-2025.
4. Delivered Expert-Lecture in workshop "**Protecting Intellectual property rights**" at IsharJyot Degree College for women, Pehova on 20.03.2025.
5. Delivered Expert lecture on "**Biometric: Advance Security System using Human Traits**" in one week online short term course on community engagement November 18, 2024, 9:30am – November organized by UGC-HRDC, K.U. Kurukshetra on 23, 2024
6. Delivered Expert lecture on "Human as Computer security" in 1-week online short term course on Community Engagement (27-02-2023 to 04-02-2023) organized by UGC-HRDC, K.U. Kurukshetra on 03-03-2023.
7. Delivered two Expert-Lecture on "Biometric Image processing and security challenges" and "Biometric sensors image processing and interoperability" in One week Faculty Development Programme on "IoT and Image Processing (IoT&IP-21)" from 08-12 March 2021 under the aegis of TEQIP Phase III (Offline Mode) organized by Computer Science & Engineering Department, Deenbandhu Chhotu Ram University of Sci & Tech Murthal, Sonipat, Haryana, India (08th-12th February 2021) on 09.03.21
8. Delivered Expert-Lecture on "Vulnerabilities In Biometric System" as Resource Person for the UGC-HRDC Short Term Course on "Cyber Crimes & Cyber Security: Preventive and Reactive Measures" at DOCTOR HARISINGH GOUR VISHWAVIDYALAYA (A Central University), SAGAR, Madhya Pradesh, INDIA on 09-01-2021.
9. Delivered Expert-Lecture on "Biometric Security and its Challenges" at International e-Conference on Computer Networks and Soft Computing (ICCNCS – 2020) Organized By Department of Computer Science and Engineering, Sri Siddhartha Institute of Technology, Tumakuru Maraluru, Tumakuru, Karnataka, INDIA on 28.12.2020 - 29.12.2020.
10. Delivered Online Expert-Lecture on "Role of Biometrics in Database" organized by Deptt. Of computer Science K.L.E's J.G. College of Commerce, Vidyanagar, Hubballi,

Karnatka, INDIA on 23-Nov-2020 available at
<https://www.youtube.com/watch?v=qajHhEWt--4&t=83s>.

11. Delivered Expert-Lecture on “Career Awareness and Advanced Technologies in Computer Science” at Govt. College, Bilaspur” on 04 February, 2020.
12. Delivered Key-Note address on “Deployment of Biometric Systems in Today’s Era” in 3-week UGC Sponsored Refresher Course in IT (Interdisciplinary) (03-12-2017 to 22-01-2017) organized by Deptt. of Comp. Sc. & Applications, K.U. Kurukshetra on 13-12-2018.
13. Delivered Expert-Lecture on “Biometric Security in Mobile Application” at One-Week AICTE-ISTE sponsored Induction/ Refresher Programme on “Mobile Application Development” during 9th - 14th July, 2018 organized by Department of Computer Science and Engineering, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib on 11 July, 2018.
14. Delivered Expert-Lecture on “Biometric Security Concerns” at Guru Teg Bahadur Khalsa College, Shri Anandpur Sahib, Punjab, India organized by Department of Computer Science, on 20 April, 2018.
15. Resource Person in DGHE sponsored Two-day National Seminar on “Technological Symposium for the Digital Transformation of India” organised by Department of Computer Science and Applications, CIS Kanya Mahavidhalaya, Fatehapur, Pundri (Kaithal) on March 16-17, 2018
16. Delivered Expert-Lecture as Resource Person on “Advanced Biometric Security” at PTU Sponsored National Conference On Innovations and Developments in Engineering and Management (NCIDEM 2017) Organized by Universal Institute of Engineering & Technology held on May 29-30, 2017.
17. Delivered Expert-Lecture as Resource Person on “**Internet of Things architecture**” in One Week Short Term Course under TEQIP-II on “Cloud Computing and Internet of Things - CCIoT” from March 14th to 19th, 2017 at U.I.E.T., KUK.
18. Delivered Key-Note address on “Biometrics Security Concerns” in 3-week TEQIP Sponsored FDP cum Refresher Course (09-01-2017 to 30-01-2017) organized by Deptt. of Comp. Sc. & Engg, UIET, K.U. Kurukshetra on 30-01-2017.
19. Delivered Expert-Lecture as Resource Person on “Biometric Security” at National Conference on Emerging Trends in computer Science & Electronics Engineering on 9-10 April, 2016, organized by RPS Group of Institutions Mahendergarh (Haryana) held on 9-10 April, 2016.
20. Expert Lecture on “Biometric Security and its challenges” at National seminar on “Technology and its Impact on Media, Culture & Society” organized by the Dept. of Computer Science, Hindu Girls College, Jagadhari on 30th Jan. 2016.
21. Expert Lecture on “Biometric Security and Threats” at National Workshop on “Digital India Initiatives” from 19th-21st Jan.2016 organized by the Dept. of Computer Science, DAV College, Ambala City on 20th Jan. 2016.

22. Delivered Expert Lecture as resource person on “Advanced Biometrics Security” in 4 week 78th Orientation Course (26-11-2015 to 23-12-2015) organized by UGC-HRDC, K.U. Kurukshetra held at Academic Staff College, Kurukshetra University, Kurukshetra, on 21-12-2015.
23. Delivered Expert Lecture as resource person on “Biometrics Technology in Today’s Era” in 3-Weeks Refresher Course (22-06-2015 to 11-07-2015) organized by UGC-HRDC, K.U. Kurukshetra held at the Deptt. of Computer Science & Applications, Kurukshetra University, Kurukshetra, on 24-06-2015.
24. Delivered Expert Lecture as resource person on “Research scopes in Biometrics Security” in one week national workshop on Research Methodology and applications of MATLAB (NWRMAM – 2015) held at Department of Computer Sc. & Applications, CRS University, JIND on 16-21 Feb, 2015.
25. Delivered Expert Lecture on software engineering in one day workshop on “Software Engineering Principles & Techniques” at Central University of Himachal Pradesh, Dharamshala on 28th Nov. 2014.
26. Delivered Expert Lecture as resource person on “Advance Security using Biometrics” at IJET, Samani, Kurukshetra on 26 Feb, 2014.
27. Delivered Key note Address at 2-days UGC Sponsored National Seminar on “Latest Trends in Information Technology: Theory and Practice” Organized by Department of Computer Sciences, SML (PG) College, Jhunjhunu, Rajasthan, on 15-16 February, 2014.
28. Delivered Invited talk on “Emerging trends in Cryptography” in All India Seminar on “Emerging trends in Cryptography (ETC-2013) organized by The Institution of Engineers at Shri Krishna Institute of Engg. & Technology, Kurukshetra on 30-31 Aug. 2013.
29. Delivered Expert Lecture as resource person on “Biometrics Security” in TEQIP-II sponsored FDP on “Emerging trends in Information Technology” organized by Deptt. Of Information Technology, Chandigarh Engg. College, Landran, Mohali, on 15-19 July 2013.
30. Delivered Plenary talk on “Biometrics Techniques for Advance Security” at National Seminar on “Recent Trends in IT and its Applications in Industry” Organized by Department of Computer Science & IT, Kishtwar Campus, University of Jammu held on 3rd and 4th Nov. 2012.
31. Delivered Plenary talk on “Advance Computer Security through Biometrics” in International Conference on “Emerging Trends in Engineering-2012” Organized by Geeta Engineering College, Panipat on 14th Oct, 2012.
32. Delivered Key note lecture at 2-days UGC Sponsored National Seminar on “Role of Information and Communication Technology in Higher Education” Organized by Department of Computer Sciences, SML (PG) College, Jhunjhunu, Rajasthan, on 12-13 February, 2012.
33. Delivered Expert Lecture as resource person on “Advance Computer Security” in the refresher course held at the Deptt. Of Computer Science, Jammu University, Jammu-Dec 26, 2011.

34. Delivered Expert lecture on “Advance Biometric Security” at 2-days National Conference on “Recent Trends in Information Technology & its Applications in Industry” at Department of Computer Sciences Bhaderwah Campus University of Jammu, Bhaderwah, held on 25-26 September, 2011.
35. Delivered Expert Lecture on “Biometrics Security” at PTU Sponsored Faculty Development Program-July 25-29, 2011, Rayat Institute of Engineering & Information Technology, Ropad, Punjab on 27th July, 2011.
36. Delivered Expert Lecture on “Biometrics –A Revolution” at Jammu University Campus, Badewrwah on 3-4 June, 2010.
37. Talk Delivered on “Advance Computer Security” at National workshop on “Network and Information Security (NIS-10)” organized by Department of Computer Science & Engineering, DCR University, Murthal on Oct 21, 2010.
38. Delivered Expert Lecture on “Biometrics Security” at National workshop on “Open Source Technologies & Security Issues” organized by Department of Information Technology at Haryana College of Technology & Management, Kaithal on April 3-5, 2009.
39. Key-Note speaker of National workshop on “Network Security” organized by Department of Computer Science & Information Technology at Shri Krishna Institute of Engineering Technology, Kurukshetra on April 18-19, 2009.
40. Delivered guest lecturer on “Core Java and Applets” at TIMT, Yamuna Nagar on Feb. 26, 2009.
41. Delivered guest lecturer on “Software Engineering” at SA Jain Institute of Management & Technology, Ambala on Nov. 16, 2007.

Workshop Organized

- Arranged Expert Lecture on “Contribution of Science Movement in Freedom Struggle” on occasion of “Azadi ka Amrit Mahotsav” by Prof. Jagmohan on 7 Dec. 2022 in the Department of Computer Sc. & Applications, K.U. Kurukshetra.
- Coordinator of One-week Short Term Course (STC) on “**Advances in Biometric Security and Image Processing**” under the aegis of TEQIP Phase III (Online Mode) at Department of Computer Science & Applications of Kurukshetra University, Kurukshetra from 15-19 March 2021.

Workshop Attended

1. Attended TEQIP-III (1.3) Sponsored One Week Faculty Development Program on Entrepreneurship Development 21-25 September 2019.
2. *Attended UGC Sponsored* one week short term Course on **Gender Sensitization** organized by UGC Human Resource Development Center at Academic Staff College, Kurukshetra University, Kurukshetra during 25-06-2018 to 30-06-2018.

3. **Attended TQIP Sponsored** one week Faculty Development Program on **Advances in Image Processing and Remote Sensing (AIPRS-17)** organized by Deptt. Of Computer Sc. & Engg, DCRUST, Murthal during 06-03-2017 to 10-03-2017.
4. **Attended UGC Sponsored** Refresher Course in the field of Information Technology organized by Deptt. Of Computer Sc. & Applications and Academic Staff College, Kurukshetra University, Kurukshetra with Grade 'A' during 18-06-2013 to 08-07-2013.
5. Participated in National workshop on "Network and Information Security" organized by Department of Computer Science & Engineering at DCR University, Murthal on Oct 21, 2010.
6. Participated in 2-days National workshop on "Network Security" organized by Department of Computer Science & Information Technology at Shri Krishna Institute of Engineering Technology, Kurukshetra on April 18-19, 2009.
7. Participated in National workshop of Microsoft organized by Geeta Institute of Management & Technology, Kurukshetra on April 11, 2009.
8. Participated in 3 days National workshop on "Open Source Technologies & Security Issues" organized by Department of Information Technology at Haryana College of Technology & Management, Kaithal on April 3-5, 2009.
9. Participated in TEQIP Sponsored National workshop on "Network and Information Security (NIS-09)" organized by Department of Computer Science & Engineering at DCR University, Murthal on Mar 06, 2009.
10. Participated in 3-days workshop on "Content development for EDUSAT Programme in Computer Science subjects" held at Govt. College, Panchkula from 19-Sept-2007 to 21-Sept-2007.
11. Participated in the National seminar on "Emerging Dimensions in Information Technology" organized by the Department of Computer Science & Engineering, Guru Jambheshwar University, Hisar on 10-11, August 2002.
12. **Attended UGC Sponsored** Special Orientation Programme / Summer School at Academic Staff College, Kurukshetra University, Kurukshetra with Grade 'A' during 13-06-2008 to 03-07-2008.
13. **Attended 4-Week UGC** Sponsored Orientation course at Academic Staff College, Kurukshetra University, Kurukshetra with Grade 'A' during 18-05-2005 to 14-06-2005.

Session-Chaired

1. Session-Chair in IEEE 3rd International Conference On Advances In Computing, Communication And Materials (ICACCM2024), Nov 22-23, 2024 - Dehradun, India.
2. Session-Chair in ICRACS 2024 (An International Conference on Recent Advances in Artificial intelligence, Computer Vision & Smart Systems) at Poornima Institute of Engineering & Technology, Jaipur on 24 April 2024.
3. Chaired the Technical Session at International e-Conference on Computer Networks and Soft Computing (ICNSC – 2020) Organized By Department of Computer Science and

Engineering, Sri Siddhartha Institute of Technology, Tumakuru Maraluru, Tumakuru – 572 105, Karnataka, INDIA on 28.12.2020 - 29.12.2020

4. Chaired the Technical Session at Two-day International Conference (Elsevier) on Computational Intelligence and Data Science (ICCIDS 2019), <http://iccids2019.ncuindia.edu> organized by Department of Computer Science The NorthCap University, Gurugram 6th-07th September, 2019.
5. Chaired the Technical Session at Two-day International Conference on Futuristic Trends in Computing and Networking (ICFTCN-2018), organised by Department of Computer Science, Chandigarh University 02-03 April 2018.
6. Chaired the Technical Session at HEC sponsored Two-day National Seminar on “Technological Symposium for the Digital Transformation of India” organised by Department of Computer Science and Applications, CIS Kanya Mahavidhalaya, Fatehapur, Pundri (Kaithal) on March 16-17, 2018
7. Chaired the Technical Session at PTU Sponsored National Conference on Innovations and Developments in Engineering and Management (NCIDEM 2017) Organized by Universal Institute of Engineering & Technology held on May 29-30, 2017.
8. Chaired the Technical Session at UGC Sponsored National Conference on Cloud Computing and Network Security, (NCCCNS-2017), organized by Department of Computer Science, Shri Guru Teg Bahadur Khalsa College, Shri Anandpur Sahib, Punjab, India, 25 March, 2017.
9. Chaired the Technical Session at TEQIP Sponsored National Conference on Recent Trends in Computing and Communication Technologies, MANTHAN (RCCT-2017), organized by Department of Computer Science and Engineering, DCRUST, Murthal Haryana, India, 02-03 March, 2017.
10. Chaired the Technical Session at National Conference on Recent Trends in Computing and Communication Technologies, MANTHAN (RCCT-2016), organized by Department of Computer Science and Engineering, DCRUST, Murthal Haryana, India, 29-30 Sept, 2016.
11. Co-Chaired the Technical Session at National Conference on Advances in Computer Science and Engineering(Vivechana-2016), organized by Department of Computer Science and Applications, Kurukshetra University, Kurukshetra, Haryana, India, 29-30 April, 2016.
12. Chaired the technical session at National conference on recent innovations in electronics, electrical & computer engineering (riece-16) organized by Department of electronics, electrical and computer engineering, Baddi university of emerging sciences & technology, Baddi on 13-april-2016.
13. Chaired the technical session at DHE Sponsored National seminar on “Data Handling Techniques” organized by the Dept. of Computer Science, G.M.N. College, Ambala Cant, Haryana on 04-05 March 2016.

14. Chaired the technical session at National seminar on “Technology and its Impact on Media, Culture & Society” organized by the Dept. of Computer Science, Hindu Girls College, Jagadhari on 30th Jan. 2016.
15. Chaired the Technical Session at 50th Golden Jubilee Annual Conversation on Digital Life (CSI – 2015) on 02-05, December 2015.
16. Chaired the Technical Session at All India Seminar on Information Security under the aegis of IET, Institution of Engineers (India) held at Deenbandhu Ch. Chotu Ram University of Science & Technology Murthal, Sonapat (Haryana) on 25-26, February 2013.
17. Chaired the technical session of National Seminar on “Recent Trends in IT and its Applications in Industry” Organized by Department of Computer Science & IT, Kishtwar Campus, University of Jammu held on 3rd and 4th Nov. 2012.
18. Chaired the technical session of International Conference on “Emerging Trends in Engineering-2012” Organized by Geeta Engineering College, Panipat on 14th Oct, 2012.
19. Chaired the technical session of 2-days National Conference on “Advances in Computing Communication Network and Electrical System” Organized by University Institute of Engineering & Technology, Rohtak on 27-28 March, 2012.
20. Chaired the technical session of 2-days UGC Sponsored National Seminar on “Role of Information and Communication Technology in Higher Education” Organized by Department of Computer Sciences, SML (PG) College, Jhunjhunu, Rajasthan, on 12-13 February, 2012.
21. Chaired the technical session of 2-days National Conference on “Recent Trends in Information Technology & its Applications in Industry” at Department of Computer Sciences Bhaderwah Campus University of Jammu, Bhaderwah, on 25-26 September, 2011.

Member Organizing Committee

1. Member, Organizing Committee, National Conference On Data-Driven AI, Future Computing and Emerging Academic Perspectives (DAIFC-2026) Sponsored By Department of Higher Education, Haryana held at FGM Govt. College Adampur, Hisar on 24 January 2026
2. Member, Organizing Committee, One Day Multi-disciplinary DHE Sponsored National Conference on "Sustainable Innovations in Technology and Management" (SITM-2026) Organised by Department of Computer Science, Government College Chhachhrauli, Yamuna Nagar, Haryana, India on 16 January 2026
3. Member, Organizing Committee, Three Days workshop on “**Intellectual Property Rights (IPR)**” under the aegis of TEQIP Phase III (Online Mode) organized by Department of Computer Science & Applications of Kurukshetra University, Kurukshetra from 12-14 March 2021.
4. Member Advisory Committee of International e-Conference on Computer Networks and Soft Computing (ICCNCS – 2020) Organized By Department of Computer Science and Engineering, Sri Siddhartha Institute of Technology, Tumakuru Maraluru, Tumakuru – 572 105, Karnataka, INDIA on 28.12.2020 - 29.12.2020

5. Committee Member as Proceeding chair at “International Conference on Recent Advancements in Interdisciplinary Research (ICRAIR-2019)” at Asian Institute of Technology Conference Center, Thailand (<http://icrair.com>) on 23-24 March 2019.
6. Member Technical Program Committee, International Conference on “Intelligent Systems: Approaches, techniques and Networks Seminar” organized by Panipat Institute of Engineering and Technology, Panipat, Haryana, India on 29 March 2019.
7. Member National Advisory Committee, National Seminar on “MATHEMATICAL AND INFORMATION SCIENCES” organized by Department of Computer Science, at Guru Teg Bahadur Khalsa College, Shri Anandpur Sahib, Punjab, India on 23 Feb, 2019.
8. Member National Advisory Committee, National Seminar on “ICT IN EDUCATION SECTOR: IMPLICATIONS AND CHALLENGES” organized by department of computer science government college, Ateli, Mahendergarh, Haryana (NAAC Accredited Grade “A”), Sponsored by Department of Higher Education Haryana, January 25, 2019.
9. Member advisory committee, National Conference on Applications of Computing in Engineering, Sciences and Management (NCACESM-2019) organized by University Institute of Computing, Chandigarh University, Chandigarh on 18 Jan, 2019
10. Member, Technical Program Committee, International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM 2016) be held in Noida, Organized by HIERANK Business School, Noida on September 9-10, 2016.
11. Member advisory committee, National Conference on Recent Trends and Technologies in Data Science and Artificial Intelligence (NCTDA 2016) organized by Department of Computer Science & IT, Bhaderwah Campus, University of Jammu on August 26-27, 2016.
12. Member, Organizing Committee, National Conference on Advances in Computer Science and Engineering (ACSE - 2016) Vivechana-2016, Organized by Department of Computer Science and Applications Kurukshetra University, Kurukshetra Sponsored by: TEQIP II, 29th & 30th April, 2016.
13. Member advisory committee, national conference on recent innovations in electronics, electrical & computer engineering (riece-16) organized by Department of electronics, electrical and computer engineering, Baddi university of emerging sciences & technology, Baddi on 13-april-2016.
14. Member Advisory committee of National Conference on Emerging Trends in computer Science & Electronics Engineering organized by RPS Group of Institutions Mohingergarh (Haryana) on 09-10 April, 2016.

15. Member Advisory committee of National Workshop on Research Methodology and Applications of MATLAB organized by Department of Computer Science and Applications, Chaudhary Ranbir Singh University, Jind (Haryana) on 16-21 Feb, 2015.
16. Member technical committee of All India Seminar on Emerging Trends in Cryptography (ETC-2013) Organized by IEI held at SKIET, Kurukshetra on 30-31 Aug 2013.
17. Member technical committee of All India Seminar on Information Security organized by the Institution of Engineers (INDIA), Haryana State Center, held at DCR University of Science & Technology, Murthal, Sonapat, Haryana on 25-26th Feb, 2013.
18. Member Advisory committee of national conference on Emerging Trends in Web Computing held at Guru Nanak Girls College, YamunaNagar on 29-30th Oct, 2010.

Extra-Curricular Activities

1. Judgment of state level science exhibition held at Govt. College Karnal on 21 Feb 2025.
2. Judge the various events held at IMC&MT K.U. Kurukshetra.
3. Organized Student cultural festivals at K.U. Kurukshetra.
4. Organized Student Cultural tours at K.U. Kurukshetra.
5. Teacher In-charge of Students, Participated in 2 Days Technical Fest “Yo-Infotsav” on 28-29/09/2012 at JMIT, Radaur. Team Got Overall Trophy.
6. Participated in College cultural functions many times.

Academic Achievements

- Member, Board of Studies, Guru Nanak College, Budhlada, Mansa (Punjab) for a period of two years w.e.f. August 2025.
- Member Board of Studies (as Vice Chancellor Nominee) at PIET, Panipat w.e.f 20-12-2024.

- In the panel of committee for inspection of various colleges/ Institutes.
- Act as External expert to appoint regular Lectures at various Colleges/ Institutes Levels.
- Member of Post Graduate Board of Studies and Under Graduate Board of Studies Kurukshetra University, Kurukshetra.
- External paper setter and evaluator of various universities.
- Member, Discipline and Anti-Ragging Committee of K.U. Kurukshetra.
-
- Member **PG Board of Studies**, Member **UG Board of Studies (Professor Capacity)**, DCSA, K.U. Kurukshetra for a period of 2-years. w.e.f. 11-07-2024.
- Member **PG Board of Studies (Associate Professor Capacity)**, DCSA, K.U. Kurukshetra for a period of 2-years. w.e.f. 19-02-2024.
- Member Faculty of science, K.U. Kurukshetra w.e.f 21-03-2023 for a period of two years.
- Member **PG Board of Studies (Associate Professor Capacity)**, DCSA, K.U. Kurukshetra for a period of 2-years. w.e.f. 15-11-2022.
- Member **Faculty of Science**, KUK for a period of 2-years from 03-10-22 to 03-10-24.
- Member **PG Board of Studies**, DCSA, K.U. Kurukshetra for the period of 2-years. w.e.f. 15-06-2020.
- Member **UG Board of Studies**, DCSA, K.U. Kurukshetra for the period of 2-years. w.e.f. 11-04-2018.
- Member **PG Board of Studies**, DCSA, K.U. Kurukshetra for the period of 2-years. w.e.f. 19-02-2016.
- Member **Board of Studies**, Khalsa College Patiala, An Autonomous College, w.e.f. 01-07-2016.
- Member **PG Board of Studies**, DCSA, K.U. Kurukshetra for the period of 2-years from 27-01-08 to 27-01-10.
- Member **UG Board of Studies**, DCSA, K.U. Kurukshetra for the period of 2-years from 20-07-2007 to 20-07-2009.
- Member of **Academic Council**, KUK for a period of 2-years from 06-06-13 to 06-06-15.
- Member of **Faculty**, KUK for a period of 2-years from 14-06-13 to 14-06-15.
- **EDITOR-IN-CHIEF**, International Journal of Information Technology & Knowledge Management, New Delhi.

- **Associate Editor**, International Journal of Electronics Engineering, New Delhi.
- **Associate Editor**, International Journal of Computer Science & Communications, New Delhi.
- **Member of Editorial Board**, International Journal of Imaging, Portugal.
- **Member of Editorial Board**, International Journal of Web Engineering and Web Information Systems, Malaysia.
- **Member of Editorial Board**, International Journal of Computing and Applications, New Delhi.
- **Member of Editorial Board**, International Journal of Scientific Computing, New Delhi.
- **Member of Editorial Board**, International Journal of Computational Intelligence Research and Practice, New Delhi.
- **Member of Editorial Board**, International Journal of Intelligence System Processing, New Delhi.

Award

- Honor by K.U. Kurukshetra for academic achievements and contribution on 07-Jan-2023.
- National Excellence Award; Educationist of the Year-2017 by National Institute for Education & Research, New Delhi, on 23rd Sept. 2017.
- Worldwide Impact award, Education star of the year-2019, by National Institute for Education & Research, New Delhi, on 17th November 2019.

Achievements/Assignments

- Elected as **Treasurer**, Kurukshetra University Teachers' Association on 15-Dec-2022 for a period of One year.
- **Treasurer**, Kurukshetra University Teachers' Association during 16-November-2021 to 15-Dec-2022.
- Chief-Guest at International e-Conference on Computer Networks and Soft Computing (ICNSC – 2020) Organized By Department of Computer Science and Engineering, Sri Siddhartha Institute of Technology, Tumakuru Maraluru, Tumakuru – 572 105, Karnataka, INDIA on 28.12.2020 - 29.12.2020
- Coordinator, Alumni Association (Department level), K.U. Kurukshetra w.e.f. 22-07-2021.

- Elected as **Secretary**, Kurukshetra University Teachers' Club on 16-Nov-2020 for the period Nov, 2020 to Nov, 2022.
- Elected as **Treasurer**, Kurukshetra University Teachers' Association on 16-March-2019 for the period March, 2019 to March, 2020.
- Placement In-Charge, Deptt of Computer Science & Applications, K.U. Kurukshetra w.e.f Sept.2017.
- National Excellence Award; Educationist of the Year-2017 by National Institute for Education & Research, New Delhi, on 23rd Sept. 2017.
- **Deputy Officer In-charge** of Horticulture & Sanitation Departments of K.U. Kurukshetra, Haryana w.e.f. 31-07-2017.
- Elected as **Member, Executive Council**, Kurukshetra University Teachers' Association on 02-March-2017 for the period March, 2017 to March, 2018.
- Elected as **Vice-President**, Kurukshetra University Teachers' Association on 02-March-2016 for the period March, 2016 to March, 2017.
- **Vice-President**, Alumni Association, Guru Jambheshwar University, Hisar.
- **Treasurer**, Ambedkar Teacher Welfare Association, Kurukshetra University, Kurukshetra.

(Dr. Chander Kant)