



CURRICULUM VITAE



KULJEET SINGH

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OBJECTIVES:

- To engage in continuous learning and research, contributing to the advancement of knowledge in my field.
- To inspire and mentor students through innovative teaching methodologies that foster critical thinking and lifelong learning.
- To prepare students for academic and professional challenges by equipping them with relevant skills, ethical values, and a global perspective.

EDUCATION:

Degree/Certificate	Institute	Grade / Marks	Session
Ph.D.	Central University of Jammu	Pursuing	Feb. 2022 – till date
M. Tech.	IIT Patna (CSE)	Pursuing	March 2025 – till date
MCA	University of Jammu (CSIT)	7.70 CGPA	2015 – 2018
B.Sc.	University of Jammu	61.39 %	2012 – 2015
10+2	J&K State Board	68.2 %	2011 – 2012
Diploma in Computer Application (DCA)	Shruti Institute of IT & Management, Kishtwar, J&K	87.5 %	2010 – 2011

EXAMS QUALIFIED:

National Eligibility Test (NET)	NTA UGC NET	DEC 2020 & JUNE 2021
National Eligibility Test (NET)	NTA UGC NET	JUNE 2020
National Eligibility Test (NET)	NTA UGC NET	DEC 2019
HP State Eligibility Test (HP SET)	HP-PSC SET	NOV 2019
National Eligibility Test (NET)	NTA UGC NET	JUNE 2019

EMPLOYMENT HISTORY / CURRENT JOB:

1) Assistant Professor [01-July-2024 – till date] [\[Faculty Profile\]](#)

Department of Computer Science, School of Sciences, CHRIST (Deemed to be University), Delhi-NCR, 201003 – India.

- 2) **Doctoral Research Scholar [February 14, 2022 – till date]**
Pursuing Ph.D. at Department of Computer Science & IT, Central University of Jammu, Jammu and Kashmir, 181143 – India.
- 3) **Lecturer (Level of Assistant Professor) [21-August-2019 – 12-February-2022]**
Lecturer & In-charge Head, Department of Computer Science & IT, Kishtwar Campus, University of Jammu, Kishtwar, Jammu & Kashmir, 182204 – India.

RESEARCH JOURNAL PUBLICATIONS (SCIE, ESCI, Scopus, UGC-Care Listed):

Total Publications – 31 [SCI- 23, Scopus- 05, UGC-Care listed- 03]

- 1) Amrit Sudershan, **Kuljeet Singh**, “GeneRiskCalc: A Web-Based Tool for Genetic Risk Association Analysis in Case-Control Studies”, *BMC Bioinformatics*, (ISSN: 1471-2105), (2025) [Communicated, *Springer, Scopus, SCIE, IF = 2.9, Quartile-Q1*]
- 2) Narinder Verma, Gourav Kumar, **Kuljeet Singh***, “A Hybrid Ensemble Framework with Particle Swarm Optimization for Network Anomaly Detection”, *Discover Applied Sciences*, (ISSN: 3004-9261), (2025) [Communicated, *Springer, Scopus*]
- 3) Narinder Verma, Neerendra Kumar, **Kuljeet Singh**, “A novel univariate feature selection with ANOVA F-test based machine learning model for Intrusion Detection Framework of Robotics system” *International Journal of Computational Intelligence Systems*, (ISSN: 1875-6883), (2025) [Communicated, *Springer, Scopus, SCIE, IF = 2.5, Quartile-Q2*]
- 4) Karan Dixit, Anurag Sinha, **Kuljeet Singh*** et al. “Exploring the impact of social media on shaping collective value perceptions and motivations for electric vehicle adoption” *OPSEARCH*, (ISSN: 0975-0320), (2025) [Communicated, *Springer, Scopus, IF = 1.4, Quartile-Q2*]
- 5) Santhosh Kumar G, Anurag Sinha, **Kuljeet Singh*** et al. “Breast Cancer Prediction Using Self Adaptive-Sea Lion Optimization based Recurrent Neural Network product” *Evolving Systems*, (ISSN: 1868-6486), (2025) [Communicated, *Springer, Scopus, SCIE, IF = 2.7, Quartile-Q2*]
- 6) Khushi Sharma, Manjula Shanbhog, **Kuljeet Singh***, “Machine Learning in Neuroimaging and Computational Pathophysiology of Parkinson’s Disease: A comprehensive review and meta-analysis” *Clinical Neurology and Neurosurgery*, (ISSN: 1872-6968), (2025) [Communicated, *Elsevier, Scopus, SCIE, IF = 1.8, Quartile-Q2*]
- 7) Anurag Sinha, **Kuljeet Singh** et al. “RAG-Descriptor Enhanced Secure Cloth Recommendation System: A Hybrid Algorithm and Explainable AI-Driven Content-Based Image Retrieval (CBIR) Framework” *Journal of Intelligent Systems*, (ISSN: 2191-026X), (2025) [Communicated, *DE GRUYTER, Scopus, ESCI, IF = 2.1, Quartile-Q3*]
- 8) Deepti Nayak, Manjula Shanbhog, **Kuljeet Singh***, “Clinical Insights into Neuroimaging and AI-Driven Techniques in Alzheimer’s disease: A Systematic Review and Meta-Analysis” *Journal of Clinical Neuroscience*, (ISSN: 1532-2653), (2025) [Communicated, *Elsevier, Scopus, SCIE, IF = 1.9, Quartile-Q2*]
- 9) Khushi Mogha, Neha Saini, **Kuljeet Singh***, “Neuroimaging and AI-Driven Approaches in Autism Spectrum Disorder: A Systematic Review of Emerging Diagnostics and Therapeutics”, *Discover Applied Sciences*, (ISSN: 3004-9261), (2025) [Communicated, *Springer, Scopus*]

- 10) Cheshta Nagpal, **Kuljeet Singh***, “A Systematic Review of Brain Imaging Studies to Mitigate Schizophrenia Risk: Insights from the Past to Shape the Future” *Psychiatry Research*, (ISSN: 1872-7123), (2025) [*Communicated, Elsevier, Scopus, SCIE, IF = 4.2, Quartile-Q1*]
- 11) Surbhi Gupta, **Kuljeet Singh***, et al., “Effective Detection of Covid-19 using Xception Net Architecture: A Technical Investigation using X-ray Images” *Health Informatics Journal*, (ISSN: 1741-2811), (2024) [*Communicated, SAGE Journals, Scopus, SSCI, IF = 2.2*]
- 12) **Kuljeet Singh***, Amrit Sudershan, et al., “BC-MBINet: A Novel Architecture for Accurate Classification of Breast Cancer with Microscopic Biopsy Images using Deep Convolutional Neural Networks” *International Journal of Pattern Recognition and Artificial Intelligence* (ISSN: 1793-6381), (2022) [*Communicated, World Scientific, Scopus, SCIE, IF = 1.261*]
- 13) **Kuljeet Singh***, Anubha Gaur, et al., “Deep CP-CXR: A Deep Learning Model for Classification of Covid-19 and Pneumonia Disease using Chest X-ray Images” *Annals of Data Science*, (ISSN: 2198-5812), (2024) <https://doi.org/10.1007/s40745-025-00601-3> [*Published, Springer, Scopus, Quartile-Q1*]
- 14) **Kuljeet Singh**, Agar Chander Pushap, et al., “COVID-19 changed our world: A systematic review” *Global Health Economics and Sustainability*, (ISSN: 2972-4570), (2024) <https://doi.org/10.36922/ghes.3992> [*Published, Crossref*]
- 15) **Kuljeet Singh***, Deepti Malhotra, “IRAM–NET Model: Image Residual Agnostics Meta Learning based Network for Rare De Novo Glioblastoma Diagnosis” *Neural Computing and Applications*, (ISSN: 1433-3058), (2024) <https://doi.org/10.1007/s00521-024-10347-3> [*Accepted, Springer, Scopus, IF = 4.5, Quartile-Q1*]
- 16) Amrit Sudershan, **Kuljeet Singh**, et al., “A comprehensive investigation of risk association between the -786 T> C, +884 G > A, VNTR, rs743506, rs3918226 of eNOS and susceptibility of migraine: A updated meta-analysis utilizing Trial Sequential Analysis” *Journal of Molecular Neuroscience*, (ISSN: 1559-1166), 73: 956–975 (30 Oct 2023) <https://doi.org/10.1007/s12031-023-02167-2> [*Accepted, Springer, Scopus, SCIE, IF = 3.1, Quartile-Q2*]
- 17) **Kuljeet Singh***, Sourabh Shastri, et al., “BC-NET: Early Treatment of Breast Cancer using Nested Ensemble Technique of Machine Learning” *Automatic Control and Computer Sciences*, (ISSN: 1558-108X), 57: 646–659 (27 Nov 2023) <https://doi.org/10.3103/S0146411623060093> [*Accepted, Springer, Scopus, ESCI, IF = 0.9, Quartile-Q3*]
- 18) **Kuljeet Singh***, Deepti Malhotra, “Meta-Health: Learning-to-learn (Meta-Learning) as a Next Generation of Deep Learning Exploring Healthcare Challenges and Solutions for Rare Disorders: A Systematic Analysis” *Archives of Computational Methods in Engineering*, (ISSN: 1886-1784), 30: 4081–4112 (29 April 2023) <https://doi.org/10.1007/s11831-023-09927-8> [*Accepted, Springer, Scopus, SCIE, IF = 9.7, Quartile-Q1*]
- 19) Sourabh Shastri, Sachin Kumar, Shilpa Mahajan, **Kuljeet Singh**, et al. “LiteCovidNet: A Lightweight Deep Neural Network Model for detection of COVID-19 using X-ray Images” *International Journal of Imaging Systems and Technology*, (ISSN: 1098-1098), 32(5): 1464- 1480 (11 June 2022) <https://doi.org/10.1002/ima.22770> [*Accepted, Wiley, Scopus, SCIE, IF = 3.3, Quartile-Q2*]

- 20) Amrit Sudershan, Kanak Mahajan, **Kuljeet Singh**, et al., “The Complexities of Migraine: A Debate Among Migraine Researchers: A Review” *Clinical Neurology and Neurosurgery*, (ISSN: 0303-8467), 214: 107136 (19 Jan 2022). <https://doi.org/10.1016/j.clineuro.2022.107136> [Accepted, Elsevier, Scopus, SCIE, IF = 1.9, Quartile-Q2]
- 21) Sourabh Shastri, Isha Kansal, Sachin Kumar, **Kuljeet Singh**, et al., “CheXImageNet: A Novel Architecture for Accurate Classification of Covid-19 with Chest X-ray Digital Images using Deep Convolutional Neural Networks” *Health and Technology* (ISSN: 2190-7196), 12:193–204 (11 Jan 2022). <https://doi.org/10.1007/s12553-021-00630-x> [Accepted, Springer, Scopus, ESCI, IF = 2.5, Quartile-Q3]
- 22) **Kuljeet Singh***, Sachin Kumar, et al., “Black Fungus Immunosuppressive Epidemic with Covid-19 Associated Mucormycosis (Zygomycosis): A Clinical and Diagnostic Perspective from India” *Immunogenetics* (ISSN: 1432-1211), 74, 197–206 (01 Oct 2021). <https://doi.org/10.1007/s00251-021-01226-5> [Accepted, Springer, Scopus, SCIE, IF = 3.2, Quartile-Q3]
- 23) Sourabh Shastri, **Kuljeet Singh***, et al., “CoBiD-Net: A Tailored Deep Learning Ensemble Model for Time Series Forecasting of Covid-19” *Spatial Information Research* (ISSN: 2366-3294), 30, 9–22 (12 June 2021). <https://doi.org/10.1007/s41324-021-00408-3> [Accepted, Springer, Scopus, ESCI, IF = 2.4, Quartile-Q2]
- 24) Sourabh Shastri, **Kuljeet Singh**, et al., “NestEn_{S^mVⁿ}: boosted nested ensemble multiplexing to diagnose coronary artery disease” *Evolving Systems* (ISSN: 1868-6486), 13, 281–295 (22 May 2021) <https://doi.org/10.1007/s12530-021-09384-3>. [Accepted, Springer, Scopus, SCIE, IF = 3.2, Quartile-Q2]
- 25) Sourabh Shastri, **Kuljeet Singh**, et al., “Time series forecasting of Covid-19 using deep learning models: India-USA comparative case study” *Chaos, Solitons and Fractals* (ISSN: 0960-0779), 140: 110227 (20 Aug 2020) <https://doi.org/10.1016/j.chaos.2020.110227>. [Accepted, Elsevier, Scopus, SCIE, IF = 7.8, Quartile-Q1]
- 26) Sourabh Shastri, Paramjit Kour, Sachin Kumar, **Kuljeet Singh**, et al., “A nested stacking ensemble model for predicting districts with high and low maternal mortality ratio (MMR) in India” *International Journal of Information Technology*, (ISSN: 2511-2112), 13(2):433–446 (22 Nov 2020) <https://doi.org/10.1007/s41870-020-00560-3>. [Accepted, Springer, Scopus, Quartile-Q2]
- 27) Sourabh Shastri, **Kuljeet Singh**, et al., “Deep-LSTM Ensemble Framework to Forecast Covid-19: An Insight to the Global Pandemic” *International Journal of Information Technology*, (ISSN: 2511-2112), 13(4):1291–1301 (03 Jan 2021) <https://doi.org/10.1007/s41870-020-00571-0>. [Accepted, Springer, Scopus, Quartile-Q2]
- 28) Sourabh Shastri, Paramjit Kour, Sachin Kumar, **Kuljeet Singh**, et al., “GBoost: A novel Grading-AdaBoost Ensemble approach for automatic identification of Erythema-Squamous Disease” *International Journal of Information Technology*, (ISSN: 2511-2112), 13(3):959–971 (23 Nov 2020) <https://doi.org/10.1007/s41870-020-00589-4>. [Accepted, Springer, Scopus, Quartile-Q2]
- 29) **Kuljeet Singh**, Sourabh Shastri, et al., “Implementation of Exponential Smoothing for Forecasting Time Series Data”, *International Journal of Scientific Research in Computer Science Applications and Management Studies*, (ISSN: 2319-1953), 8(1), (01 January 2019). [Accepted, UGC-CARE List (India)]

- 30) Arun Singh Bhadwal, Sourabh Shastri, Paramjit Kour, Sachin Kumar, **Kuljeet Singh**, et al., “Performance Evaluation of ANN Classifier for Knowledge Discovery in Child Immunization Databases”, *International Journal of Computational Engineering Research (IJCER)*, (ISSN (e): 2250 – 3005), 9(3), March– 2019. [Accepted, UGC-CARE List (India)]
- 31) Paramjit Kour, Sourabh Shastri, Arun Singh Bhadwal, Sachin Kumar, **Kuljeet Singh**, et al., “Classification of Maternal Healthcare Data using Naïve Bayes”, *International Journal of Computer Sciences and Engineering*, (E-ISSN: 2347-2693), 7(3), 388-394 (31 Mar 2019) <https://doi.org/10.26438/ijcse/v7i3.388394>. [Accepted, UGC-CARE List (India)]

CONFERENCE PAPERS PUBLISHED / SUBMITTED:

- 1) Deepti Nayak, **Kuljeet Singh***, “Evaluating the Efficacy of AI and Machine Learning Models for Early Alzheimer's Disease Detection Using Multi-Modal Data” *International Conference on Data Mining and Information Security (ICDMIS-2025)*, Organized by Eminent College of Management and Technology, West Bengal, Springer Nature LNNS Book Series held on 7th – 8th October 2025. [Submitted] [Scopus Indexed]
- 2) Khushi Mogha, Neha Saini, **Kuljeet Singh***, “Weather Prediction Using Hybrid Machine Learning Models: ML-based Comparative Analysis”, *International Conference on Data Mining and Information Security (ICDMIS-2025)*, Organized by Eminent College of Management and Technology, West Bengal, Springer Nature LNNS Book Series held on 7th – 8th October 2025. [Submitted] [Scopus Indexed]
- 3) Cheshta Nagpal, Neha Saini, **Kuljeet Singh***, “AI-Driven Approaches and Brain Function Advances in Schizophrenia Research: A Systematic Review”, *International Conference on NextGen Data Science and Analytics (ICNDSA-2025)*, Organized by CHRIST (Deemed to be University), Delhi-NCR, Springer Nature Lecture Notes in Networks and Systems Book Series held on 12th April 2025. [Accepted] [Scopus Indexed]
- 4) Yuvika Singh, Manjula Shanbhog, **Kuljeet Singh***, “Analyzing the Diagnosis and Treatment of Astrocytoma, Oligodendroglioma and Glioblastoma: A Systematic Review”, *International Conference on AI Systems and Sustainable Technologies*, Organised by IIS (Deemed to be University), Jaipur Springer Nature Lecture Notes in Networks and Systems Book Series held on 28th – 29th March 2025. [Accepted] [Scopus Indexed]
- 5) **Kuljeet Singh***, Deepti Malhotra, “Meta-Learning based efficient framework for diagnosing rare disorders: A comprehensive survey”, *International Conference on Intelligent and Smart Computation (ICIASC-2023)* AIP Conf. Proc. 19 March 2024; 3072 (1): 040003. <https://doi.org/10.1063/5.0199881> [Published] [Scopus Indexed]
- 6) Jaffar Amin Chacket, Deepti Malhotra, **Kuljeet Singh**, “M_L-RODD: Meta Learning Based Rare Ophthalmic Disorders Diagnosis Framework: A Systematic and Comparative Analysis” *International Conference On Data Analytics and Insights (ICDAI-2024)*, Organized by Department of Computer Science and Engineering, Techno International New Town, Kolkata, Springer Nature LNNS Book Series. [Accepted] [Scopus Indexed]
- 7) **Kuljeet Singh***, Deepti Malhotra, “Meta-Learning Based System for the Early Diagnosis of Rare Glioblastoma Diseases: A Comprehensive Analysis”, *International Conference on Data Mining and Information Security (ICDMIS-2024)*, Organized by Eminent College of Management and

BOOK CHAPTERS PUBLISHED / ACCEPTED:

- 1) Sourabh Shastri, Sachin Kumar, Kuljeet Singh, Vibhakar Mansotra “**En-Fuzzy-ClaF: A Machine Learning based Stack-Ensembled Fuzzy Classification Framework for Diagnosing Coronavirus**”, ‘Society 5.0 and the Future of Emerging Computational Technologies: Practical Solutions, Examples, and Case Studies’ *CRC Press, Taylor & Francis Group, USA*, eBook ISBN- 9781003184140, 2022, <https://doi.org/10.1201/9781003184140>.
- 2) Sourabh Shastri, Sachin Kumar, Kuljeet Singh, Vibhakar Mansotra “**Designing Contactless Automated Systems using IoT, Sensors and Artificial Intelligence to mitigate COVID-19**”, ‘Internet of Things’ *CRC Press, Taylor & Francis Group, USA*, eBook ISBN- 9781003219620, 2022, <http://dx.doi.org/10.1201/9781003219620-13>.
- 3) Sourabh Shastri, Kuljeet Singh, Astha Sharma, Mohamed Lounis, Sachin Kumar, and Vibhakar Mansotra “**Convolutional bi-directional long-short-term-memory based model to forecast COVID-19 in Algeria**” ‘Computational Intelligence in Healthcare Applications’ *Academic Press*, ISBN: 9780323990318, P.331-343, 2022, <https://doi.org/10.1016/B978-0-323-99031-8.00003-X>.

BOOK’S AUTHORED / PUBLISHED:

- 1) Shashank Kulkarni, **Kuljeet Singh**, “Mera Gaon : Mere Prerna Srot”, Highbrow Publication, 2023, ISBN: 978-81-961981-2-1. [*"Mera Gaon: Mere Prerna Srot," is a captivating non-fiction book that explores rural India and highlights the unrecognized and unsung heroes who have made significant impacts on our societies.*]

PATENTS PUBLISHED / SUBMITTED:

S. No.	Title of the Patent	Country	Patent / Application Number	Status
1.	A System and Method For MRI-Based Prediction and Diagnosis of Neurodegenerative Disorders	Indian	202411078609	Published-Without Grant
2.	Metal-learning System for Early Glioblastoma Detection in Rare Disorder Diagnostics	Indian	202411056010	Published-Without Grant
3.	A Wireless Interactive IOT Service Robots For Smart Home	Indian	202141003260	Published-Without Grant
4.	E-Commerce Sales Prediction And Boosting Using Machine Learning	Australian	2021100668	Published-With Grant
5.	Hybrid Drone For Smart Logistics Using IOT	Indian	2020111009854	Published-Without Grant
6.	Smart Logistics Transportation Using Blockchain Technology	Australian	2021102481	Published-With Grant
7.	Autonomous Weed Detection and Removal Robot	Indian Design	Submitted	With Grant

8.	Advanced Neuro-Regenerative Implant Device	Indian Design	Submitted	With Grant
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WORKING AS AN EDITOR / REVIEWER IN JOURNALS / CONFERENCES:

S. No	Role	Name of the Journal	ISSN Number	Publisher
1.	Editor	Journal of Research in Diabetes & Metabolism	2640-5547	SciRes Literature
2.	Academic Editor	Journal of Biomed Research	2693-5910	ProBiologists
3.	Editor	Machine Learning in Engineering And Technology	7977-1309	ReseaPro Journals
4.	Reviewer	Acta Scientific Computer Sciences	Acta Scientific	Acta Scientific
1.	Peer Reviewing For Journals <small>(Web of Science ResearcherID AAW-8363-2020)</small>	IEEE Communications Magazine	1558-1896	IEEE
2.		Computers in Biology and Medicine	0010-4825	Elsevier
3.		Health Sciences Review	2772-6320	Elsevier
4.		PeerJ	2167-8359	PeerJ
5.		New Generation Computing	1882-7055	Springer
6.		BMC Medical Informatics and Decision Making	1472-6947	Springer
7.		Scientific Reports	2045-2322	Springer Nature
1.	Peer Reviewing For Conferences	IEEE International Conference on Computing, Communication, and Intelligent Systems, Sharda University, UP, India.	ISBN: 978-1-6654-6200-6	IEEE
2.		International Conference on Advancement in Computation & Computer Technologies, 2023 (InCACCT-2023), Chandigarh University, Punjab, India.	IEEE Conf. Record No: 57535X	IEEE
3.		International Conference on Recent Developments in Cyber Security (ReDCySec-2023), Center for Cyber Security and Cryptology, Sharda University, UP, India.	Ref No. SU/CCS&C/R eDCySec-23/079	Springer LNNS series Indexed in Scopus

RESEARCH AWARDS / RECOGNITIONS:

- 1) Our work published in ‘International Journal of Imaging Systems and Technology’ Wiley, (ISSN: 1098-1098, Scopus, SCIE, IF = 3.3, Quartile-Q2 journal) has **received maximum downloads** to rank within the top 10% of papers published in 2022.
- 2) Got an **Appreciation Medal** in the “1st Maharathi Open International FIDE Rapid Chess Tournament 2025” organised by “All India Chess Federation” in Delhi-NCR on 12-13 April 2025.

GUEST EDITOR / NEWSPAPER ARTICLES / SPECIAL ISSUES:

- 1) Article in State Times newspaper titled **“Kuljeet shines at 1st Maharathi Open International FIDE Rapid Chess Tournament 2025”** on 15th April 2025. [<https://epaper.statetimes.in/archives.aspx?date1=4/15/2025&page=7>]
- 2) Article in Rising Kashmir newspaper titled **“Deepfake Technology: An Escalating Threat to the General Public”** on 24th October 2024. [<https://risingkashmir.com/deepfake-technology-an-escalating-threat-to-the-general-public/>]
- 3) Article in Daily Excelsior newspaper titled **“Kuljeet selected for International Chess C’ship”** on 18th December 2024. [<https://www.dailyexcelsior.com/kuljeet-selected-for-international-chess-cship/>]

CONFERENCES / WORKSHOPS / UGC MM-TTP FDP’S / PROJECTS ATTENDED:

- 1) Completed the **NEP 2020 Orientation & Sensitization Programme** under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by Central University of Jammu from **20th January 2025 to 29th January 2025**. [[Certificate](#)]
- 2) Completed the **NEP 2020 Orientation & Sensitization Programme** under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by Central University of Jammu from **5th August 2024 to 14th August 2024**. [[Certificate](#)]
- 3) Completed the **Faculty Induction Program (Gurudakshita)** under the Malaviya Mission Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC) organized by Central University of Jammu from **23rd September 2024 to 22nd October 2024**. [[Certificate](#)]
- 4) Participated and presented a research paper in the **“International Conference on Intelligent and Smart Computation (ICIASC-2023)”** organized by the Department of Computer Science and Engineering, Chandigarh University, Mohali, Punjab, India on **07-08 July 2023**. [[Certificate](#)]
- 5) Worked as a **Field Investigator** in the project titled **"A Study of Impact of Constitutional Status of Jammu and Kashmir on Status of Marginalised Communities since Independence"** (F. No SC-17/2019-2020/1CSSR/RP) sponsored by the Indian Council for Social Science Research (ICSSR) located in the Department of Political Science, Ramjas College, University of Delhi. [[Certificate](#)]
- 6) Participated in the **“5th International Conference on Recent Innovation in Computing (ICRIC-2022)”** organized by the Department of Computer Science & IT, Central University of Jammu on **16-17 May 2022**. [[Certificate](#)]
- 7) Participated 5 days International Research workshop on **"Computational Intelligence Methods"**, held during **19th - 23rd August, 2022**, organized by Maharishi University of Information Technology, Noida in collaboration with Adonic Informatics.
- 8) Participated in SERB Funded Five-Day National e-Workshop on **“Medical Image Analysis using Artificial Intelligence (MIAAI2022)”** jointly organized by the Center for Medical Imaging Studies (CMIS) under Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam, in collaboration with Sankar Foundation Eye Hospital and Institute, Visakhapatnam during **25th to 29th April, 2022**.

- 9) Participated and Presented paper on **“Predictive Analysis of Time Series Data”** in Two Day National Conference on **“Emerging Trends in Advanced Computing and Information Technology (ETACIT-2k18)”** at Department of Computer Science and IT, Kathua Campus, University of Jammu, Kathua on **February 24-25, 2018**.
- 10) Participated and Presented paper on **“Study of Time Series Forecasting Using Exponential Smoothing”** in National Conference on **“Emerging Trends in Management, Economics & IT”** organized by Institute of Management Sciences (IMS), Gurha Brahamana (Patoli), Akhnoor Road , Jammu on **May 05, 2017**.
- 11) Organized Two Day National Conference on **“Recent Trends and Technologies In Data Science And Artificial Intelligence (NCTDA-2016)”** as Organizer at ‘Department of Computer Science and IT, Bhaderwah Campus, University of Jammu, Bhaderwah’ on 26th Aug – 27th Aug, 2016.

SEMINARS / WORKSHOPS ORGANIZED:

- 1) Organised an Expert Talk on **“IPR and Research Ethics”** at the Department of Computer Science, School of Sciences, Christ University, Delhi-NCR on **28th March 2025**. [[Official Report](#)]
- 2) One-week FDP titled **“Recent Trends in Security: IoT, Blockchain, and Cyber Security (RTS 2022)”** has been organized as a member of the organizing committee at the Central University of Jammu from 19th - 23rd September 2022. [[Certificate](#)]
- 3) Organised a Webinar on **“Lifelong Learning Skills”** as Organising Secretary at the Department of Computer Science & IT, Kishtwar Campus, University of Jammu, Kishtwar, on Monday, **12th July 2021**. [[Certificate](#)]
- 4) Organised one week National Level E-Quiz on **“Big Data Systems”** (NLQBDS-2k20) as Organising Secretary at the Department of Computer Science & IT, Kishtwar Campus, University of Jammu, Kishtwar on **30th May – 05th June 2020**. [[Certificate](#)]

INVITED AS KEYNOTE SPEAKER / RESOURCE PERSON / GUEST LECTURES:

- 1) Invited as a **Keynote Speaker** on the topic **“Transforming Healthcare using Artificial Intelligence”** at the International Conference on Artificial Intelligence held on **22nd February 2025 in San Jose, California, USA**. [[Website](#)] [[Certificate](#)]
- 2) Invited as a **Resource Person** on the topic **“Digital Literacy and Skill Building for Rural Women Entrepreneurs”** under the project titled ‘Accelerating Women Entrepreneurship in Rural India: Towards Digital Empowerment for Self Reliance and Gender Equality’ funded by **UNESCO at Central University of Jammu** on **August 2nd – August 3rd, 2023**. [[Certificate](#)]
- 3) Invited as a **Resource Person** in the motivational seminar on **“Engineers for Vishwaguru Bharat”** organized by the University Institute of Engineering and Technology (UIET), Kathua Campus, University of Jammu, in collaboration with Students for Holistic Development of Humanity (SHoDH), on Friday, **September 15, 2023**. [[Certificate](#)]
- 4) Invited as a **Resource Person** on the topic **“Digital Literacy and Skill Building for Rural Women Entrepreneurs”** under the project titled ‘Accelerating Women Entrepreneurship in Rural India: Towards Digital Empowerment for Self Reliance and Gender Equality’ funded by UNESCO for Women Entrepreneurs of UMEED project under **JKRLM** (Jammu and Kashmir Rural Livelihood

Mission) at **Central University of Jammu** on **October 3rd – October 4th, 2023** through online mode. [[Certificate](#)]

MEMBERSHIP OF PROFESSIONAL BODIES:

- 1) Member of the International Association for Engineers (IAENG), Membership ID: 201761.
- 2) Member of Computer Science Teachers Association (CSTA), Membership ID: 198357984728.
- 3) Member, Board of Studies, Department of Computer Science & IT, Ref. No. - JU/CSc&IT/Cert/19-20/173, dated 02-12-2019.

TECHNICAL SKILLS:

Languages known	: C, C++, Java, C# and Python
Database	: Oracle, SQL Server and MS Access
Operating systems	: Windows, Ubuntu and Linux Fedora
Web Technologies	: HTML and Java Script

COURSES TAUGHT:

- | | |
|------------------------|-------------------------------|
| • Operating Systems | • Theory of Computation |
| • Data Structures | • Data Science |
| • Software Engineering | • Artificial Intelligence |
| • Internet of Things | • Data Base Management System |

ACADEMIC ACHIEVEMENTS:

- Completed the 8 weeks **SWAYAM IGNOU** online certification on “**Research Ethics and Plagiarism**” with consolidated score of 86% under roll number 2028340081 on August 29, 2022.
- Participated in a one week FDP / Workshop on "**Recent Trends in Security: 1OT, Blockchain, and Cyber Security (RTS-2022)**" held during 19th - 23rd, September, 2022 organized by Central University of Jammu, Rahya Suchani (Bagla), Dist. Samba, J & K, India.
- Participated in the 5 days International Research workshop on "**Computational Intelligence Methods**", held during 19th - 23rd August, 2022, organised by Maharishi University of Information Technology, Noida in collaboration with Adonic Informatics.
- Participated in a special lecture on the theme “**Self-Reliant Villages: The Key to Self-Reliant India**” under “**Azadi Ka Amrit Mahotsav**” Organised by the Centre for Comparative Religions and Civilizations, Central University of Jammu and Students for Holistic Development of Humanity (J&K) held on 18th August, 2022.
- Participated in a one week National Level Online Faculty Development Program (FDP) on “**Recent Trends of Mathematics for Engineers and Scientists**” Organised by the Department of Mathematics, Ganpat University from 25th to 30th July 2022.
- Participated in a one week National Level Online Faculty Development Program (FDP) on “**Recent Trends & Challenges in Intelligent System and Machine (RTCISM)**” Organised by the Amity School of Engineering & Technology (ASET), Amity University from 25th to 29th July 2022.

- Participated in a one week National Level Online Faculty Development Program (FDP) on **“ICT Tools for Effective Teaching and Learning”** Organised by the Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur from 23rd to 28th May 2022.
- Participated in SERB Funded Five-Day National e-Workshop on **“Medical Image Analysis using Artificial Intelligence (MIAAI2022)”** jointly organized by the Center for Medical Imaging Studies (CMIS) under Department of Electronics and Communication Engineering, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam, in collaboration with Sankar Foundation Eye Hospital and Institute, Visakhapatnam during 25th to 29th April, 2022.
- Participated in a one week National Level Online Faculty Development Program (FDP) on **“Machine Learning Fundamentals”** Organised by the Department of Computer Science & IT, Kathua Campus, University of Jammu from 23rd to 28th March 2022.
- Completed the 4 weeks **SWAYAM NPTEL** online certification on **“Python for Data Science”** with consolidated score of 60% under roll number NPTEL20C20CS80S41680123 on Sep-Oct 2020.
- Participated in a three day Webinar Faculty Development Program on **“IOT with Artificial Intelligence”** organised by Department of Electronics and Communication Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh during 27th May – 29th May 2020.
- Participated and successfully attempted a National Level E-Quiz on **“Data Structures and Algorithms”** (NLQDSA-2k20) conducted by Department of Computer Science & IT, Kathua Campus, University of Jammu on 27th May 2020 with a score of 96%.
- Participated in a 5-Day National Level Online Faculty Development Program on **“Artificial Intelligence”** Organised by the Department of Computer Science and Engineering in collaboration with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. from 22nd to 26th May 2020.
- Participated in an online Webinar on **“IOT-Hardware Design”** organised by Department of Electronics and Communication Engineering on 25th May 2020.
- Participated in the webinar on **“Building Entrepreneurial Mindset in the time of Pandemic”** organised by Internal Quality Assurance Cell, VIVEK COLLEGE, Bijnor (UP) on 24th May 2020.
- Participated in the National Webinar on **“Artificial Intelligence & Data Science & its Global Impact”** organised by Department of Department of Computer Science and Department of Information Technology, SIES College of Arts, Science and Commerce, Sion (West) in collaboration with Imarticus Learning on 23rd May 2020
- Participated in One Week National Level FDP on **“ICT Tools in Education Using MOODLE”** organized by Internal Quality Assurance Cell (IQAC) in Association with Dept. of Computer Science and Engineering, PACE Institute of Technology and Sciences, Ongole conducted from 22nd May 2020 - 26th May 2020.
- Participated in Online Quiz on **“JAVA”** conducted by Department of Information Technology, Malla Reddy Institute of Engineering & Technology, Hyderabad on 25th May 2020 with a Score of 87%.

- Participated and completed **“Teacher’s Mental Ability, General Knowledge and Aptitude Test”** organised by Guru Nanak College Of Education And Research, Bhandup, Mumbai successfully on 24th May 2020 having Certificate ID: HP2ADS-CE000347.
- Participated in one week online FDP on **“Big Data Tools”** organised by Department of Computer Science and Engineering & Information Technology in association with Computer Society of India, Hyderabad from 18th May – 23rd May 2020.
- Participated in webinar on **“Life Skills to Excel in Job Market”** organized by Department of Science and Humanities (English), K. Ramakrishnan College of Technology, Samayapuram, Trichy - 621112, on 23rd May 2020.
- Participated in **“Principles of Management Faculty Development Program”** conducted by CSE Department from Panimalar Institute of Technology in association with CSI and IEEE Computer Society from 18th May 2020 – 22nd May 2020.
- Participated in the webinar on **“ML for Health Care Application”** organised by Sreyas Institute of Engineering and Technology in association with PenTech on 21st May 2020.
- Participated in the webinar on **“Expanding Scope of Robotics”** organised by Sri Eshwar College of Engineering, Coimbatore on 21st May 2020.
- Participated in the webinar on **“Deep Learning Using Python”** hosted by Panimalar Institute of Technology in association with PenTech E Learning on 20th May 2020.
- Participated in the National Webinar on **“Machine Learning and Deep Learning”** organised by P.G Department of Computer Science, Kasturba Gandhi Degree College & PG College for Women, Secunderabad on 20th May 2020.
- Participated and completed On Line Quiz on **“Java Programming”** organised by Department of Computer Engineering, Parikrama Polytechnic, Kashti, Ahmednagar with **95%** score on 21st May 2020.
- Participated in the webinar on **“Future of AI”** organised by IETE-MUMBAI in association with PenTech on 20th May 2020.
- Participated in webinar on **“Crypto Currencies and Block Chain”** organised by Department of Computer Science and Engineering, Chalapathi Institute of Engineering and Technology, AP in collaboration with LEADINGINDIA.AI on 19th May 2020.
- Participated and completed **“Three Day National Level Webinar on CNN, RNN & NLP”** organised by Vivekanand College for Advanced Computer and Information Science, Surat in collaboration with IQAC cell on 18th, 19th & 20th May, 2020.
- Participated and successfully completed the Online Short term Skill Training Programme on **“Python : Beginners Tutorial”** organised by Entrepreneurship, Innovation and Career Hub, Alagappa University, Karaikudi from 11th May 2020 – 17th May 2020 under the aegis of **MHRD RUSA 2.0 Scheme**.
- Participated and successfully attempted a Quiz on **“Information Communication Technology (Ict)”** conducted by Bharat College of Engineering, Badlapur (W) with a score of 87%.

- Participated in National Level Webinar on **“Data Science”** conducted by PG & Research Department of Computer Science, Kaamadhenu Arts and Science College, Tamil Nadu-638503 on 16th May 2020.
- Participated in series of webinar on **“Cutting Edge Technologies in Electronics and Communication Engineering”** organised by Department of Electronics and Communication Engineering during 14th May – 16th May 2020.
- Participated and successfully attended **Leadership Talk** With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by **MHRD's Innovation Cell**.
- Participated and successfully completed the National Level Awareness Quiz on **“Test Your Immunity on Fact Versus Fake News on COVID-19”** organised by Sakthi Institute of Information and Management Studies (SIIMS) on 16th May 2020.
- Participated in the Online Faculty Development Program on **“Fuzzy Sets and Systems”** organised by Department Of Mathematics, Patrician College Of Arts And Science, Chennai on 16th May 2020.
- Participated in the webinar on **“Electric Vehicle Design”** organised by Hindustan Institute of Technology and Science in association with PenTech on 15th May 2020.
- Participated in National webinar on **“Research Publication: Skills, Ethics And Misconducts”** organised by Department of Chemistry (S&H), Kumaraguru College of Technology, Coimbatore, held on 15th May 2020.
- Participated in the webinar on **“Tips and Tricks for Effective Research”** organised by department of Computer Application & IQAC, Idhaya College for Women, Kumbakonam, Thanjavur (DT)-612001 on 15th May 2020.
- Participated and successfully completed a Quiz on **“Python Programming”** organised by Department of Computer Engineering, Suman Ramesh Tulsiani Technical Campus – Faculty of Engineering on 15th May 2020.
- Participated in the webinar on **“IPR AND PATENT DRAFTING”** organized by IQAC, St. Peter’s Institute of Higher Education and Research on 14th May 2020.
- Participated International Webinar on **“Impact Of Covid-19 On Global Economy: Supply Chain And Business Continuity”** organised by Department of Commerce and Financial Studies, Central University of Jharkhand, Ranchi on 14th May 2020.
- Participated in the webinar on **“Virtual Reality”** organised by Department of Computer Science & Application, SRM Institute of Science and Technology, University in Chennai, Tamil Nadu in association with PenTech on 14th May 2020.
- Participated and successfully completed an Online Quiz on **“Artificial Intelligence”** Organized by Department of Computer Engineering, Rajgad Dnyanpeeth Shri Chhatrapati Shivajiraje College of Engineering on 14th May 2020.
- Participated in the webinar on **“Blockchain Technology for New Era of Higher Education”** Organised by Blockchain Study Circle, Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA held on 14th May 2020.

- Participated in “**Online Awareness Quiz on Pandemic COVID-19**” Organized by the Department of Microbiology, Kongu College of Arts And Science, Tiruchirappalli held on 14th May 2020 with score of 90%.
- Actively participated in IEEE Bangalore Section Researchers Forum Online Workshop on “**Free MOOC to Complement Engineering Education**” held on 13th May, 2020.
- Attended the one day online hands-on workshop on “**Microchip's Internet of Things**” in association with Apsis Solutions, Bengaluru, organised by Department of Electronics & Communication Engineering, Sri Venkateshwara College of Engineering, Bengaluru-562157 held on 13th May 2020.
- Attended a Webinar on **IBM WEBSHERE MQ TOOL** by Mr. B.Jayaram, Asst. Prof at Computer Science and Engineering, Balaji Institute of Technology & Science, with meeting ID 1367012091 on 12th May 2020.
- Participated and secured 3rd position Quiz and Debate Competition “**Tech Fest 2k17**” organised by ‘Department of Computer Science and IT, Bhaderwah Campus, University of Jammu in collaboration with Indian Army 4RR & Computer Society of India (CSI)’ on 24th Aug 2017.
- Delivered guest speaker talk in One Day Seminar on the theme “**Secure Environment and Social Stability as a Prerequisite for Peace and Economic Development in Region and Students Contribution in this Direction**” organized by ‘Indian Army 4th BN Rashtriya Rifles (Bihar) at Lalded Auditorium Bhaderwah Campus, University of Jammu’ on 21st Dec, 2015.
- Participated and secured 2nd position in “**Chenab Valley Youth Festival SANGAM-2015**” Javelin Throw organised by ‘Bhaderwah Campus, University of Jammu and 4th BN Rashtriya Rifles (Bihar)’ in 28th Nov – 30th Nov 2015.
- Participated in NCC “**Basic Leadership Camp**” at the rank of Senior under Officer (SUO) under cadet no. JK/SD/13/77670 in unit ‘2 J&K Girls BN NCC, Jammu’ on 10th Aug to 19th Aug, 2014.
- Participated and secured First position in “**Department of Youth Services & Sports**”, ‘J&K State School Games 2010-11 Inter District Championship of Jammu Division’ U/19 (Boys) Kho-Kho on 18th Oct - 20th Oct, 2010.

LIFE TIME ACHIEVEMENTS:

- Achieved National Cadet Corps (NCC) ‘B’ and ‘C’ certificates under the cadet number JKSD/13/77670. [[Certificates](#)]
- Played the Kho-Kho game at the national level.
- Played the Chess game at the international level. [FIDE ID: 537061690]

REFERENCES:

Name	Designation	Address	Contact	Email
Dr. Deepti Malhotra	Assistant Professor	Department of Computer Science & IT, Central University of Jammu, Jammu.	+919419228428	deepti.csit@cjammuu.ac.in
Dr. Sourabh Shastri	Assistant Professor	Department of Computer Science & IT, University of Jammu, Jammu.	+919419171476	sourabhshastri@gmail.com

Dr. Shashank Dattatray Kulkarni	Assistant Professor	Department of Polity and Public Administration, Central University of Jharkhand.	+918275007036	agroneershashank@gmail.com
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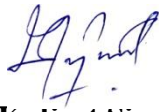
PERSONAL DETAILS:

Name : Kuljeet Singh
Father's Name : Hon. Capt. Sh. Chuni Lal (Retd.)
Mother's Name : Smt. Nirmala Devi
Date of Birth : 9th Feb, 1996
Gender : Male
Nationality : Indian
Passport No. : V4839509
Blood Group : B+
Languages known : English and Hindi
Address : Village Shanna Filler Thakarie, Tehsil & District Kishtwar,
Post Office- Shiv Nagar, Jammu & Kashmir, 182205 – India.

DECLARATION:

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

Place: Delhi-NCR
Date: 08/04/2025


Kuljeet Singh