



Dr. Manish Kumar is an academician, presently working as Professor at School of Computer Science & Engineering at IILM University, Gurugram. Dr. Manish Kumar is a distinguished academician with over 24 years of experience in higher education, research, and academic administration. He has also served at Chandigarh Engineering College, CGC, Landran, Mohali, for seven years. Prior to joining CGC, he served at

Sharda Group of Institutions, Agra for 10 years. Throughout his career, he has held several leadership positions, including Head of the Department, Dean of Academics, and Professor at reputed institutions across India. He earned his B.Tech., M.Tech., and Ph.D. degrees in Computer Science and Engineering, specializing in wireless sensor networks, data mining, machine learning, and intelligent computing applications. Dr. Kumar has made significant contributions to research and innovation, with over 50+ publications in national and international journals, multiple conference papers, book chapters, and patents to his credit. He is actively involved in guiding doctoral scholars and promoting interdisciplinary research. He played a key role in securing and maintaining National Board of Accreditation (NBA) from 2022–2025 and contributed to the subsequent accreditation cycle (2025–2027). He successfully coordinated the NAAC accreditation process leading to the institution achieving an A+ grade with a CGPA of 3.42, and also served as the NIRF Coordinator (2020–2025) as well QS IGAUGE coordinator. He also coordinated an AICTE ATAL Faculty Development Program and successfully organized six editions of the International Conference ICCMST, fostering research excellence and academic collaboration.

Educational Qualification

- Ph.D., Sri Satya Sai University of Technology & Medical Sciences, Bhopal (April 2019)
 - Topic: –Forest fire detection using Wireless Sensor Network
- M.Tech., Computer Science & Engineering, SU University, Rajasthan (2008-2010)
 - Major: CSE- 78.29% (1st Division)
- B.Tech., Computer Science & Engineering, Kurukshetra University, Kurukshetra (1997-2001)
 - Major: CSE - 62.68% (1st Division)

Professional Achievements

1. Project Title:-ATAL 1-WEEK FDP Workshop on Recent Trends and Research on Cloud Computing And Services (8th -13th September 2025 (Offline) (FDP Application no.-1742886547)
Approved Scheme:-Atal FDP
Grant Approved :- Rs. 3,50,000
2. Title :- International Conference on Computational Methods in Science & Technology (E-ICCMST 2020)
Total Grant Received: -Rs. 50,000
Scheme:- GOC, AICTE
Date of Event:- 11th -12th June 2020

Patent/Copyright Published :-

- “Sahayak: Your Safety Solution”, Dated:- 20.08.2025 Diary no:- LD- 33353/2025-CO

- “I-Neuro: Efficient Iomt Based Seizure Detection Based On Machine Learning” –Dated 24.12.2021, Application No- 202111052089
- “Spraying System Using Unmanned Vehicle”-Dated 06.01.2023 Application no.- 202211077556
- “Unmanned Vehicle For Systematized Planting”- Dated 06.01.2023 Application no.- 202211077557
- “Unmanned Vehicle For Inspection Of Soil”- Dated 06.01.2023 Application no.- 202211077554
- “Automate Unmanned Aerial Vehicle Detection System”- Dated 06.01.2023 Application no.- 202311032388

Book Chapter

- Book Title: Artificial Intelligence and Information Technologies
Publisher: Taylor and Francis, CRC Press **ISBN- 9781032700502**
Chapter Title:- Energy-aware cluster head selection using fuzzy logic for wireless body area network
Chapter Author/Editors: Neelam Oberoi, Prachi Garg, Mani Goyal, Rubika Walia, Manish Kumar
- Book Title: IoT and Cloud Computing based Healthcare Information Systems
Publisher: Apple Academic Press, CRC Press **ISBN- 9781774911228**
Chapter Title:- Probabilistic Detection & Prevention Of Corona-virus Covid-19 Using Smartphone
Chapter Author/Editors: Manish Kumar, Diwaker
- Book Title: Emerging Technologies in Computing
Publisher: CRC Press **ISBN- 9780367639501**
Chapter Title:- Voice Assistants and Chat-bot hands on Essential of UI
Chapter Author/Editors: Pavi Saraswat, Bharat Bhardwaj, Prashant Naresh, Alaknanda Ashok, Raja Kumar, Manish Kumar

CONFERENCES/ WORKSHOPS ATTENDED/ORGANIZED

1. 5th International Conference on Computational Methods in Science & Technology (ICCMST 2025) Organized by: Department of CSE & IT, CEC-CGC, Landran
Duration: 2 Days, 7th -8th August, 2025
[Volume 1](#) [Volume 2](#)
2. 4th International Conference on Computational Methods in Science & Technology (ICCMST 2024)
Organized by: Department of CSE & IT, CEC-CGC, Landran
Duration: 2 Days, 2nd -3rd May, 2024
Link:- [Volume 1](#) [Volume 2](#)
3. Organized Special session titled "Innovative approaches of Machine learning and Big-Data Computing Service" at Samarkand State University, Samarkand, Uzbekistan, ICAIIT-2023 dated 3rd & 4th November, 2023.
4. 3rd International Conference on Computational Methods in Science & Technology (ICCMST 2022) Organized by: Department of CSE & IT, CEC-CGC, Landran

Duration: 2 Days, 19th – 20th an, 2023

5. Faculty Development Program "Artificial Intelligence and Cyber Security- Hands-on Training" Organized by: Dept. of Computer Sc. & Engg., CEC, CGC- Landran, Mohali.

Duration: 5 Days, 6th 10th June 2022.

6. IEEE 2nd E- International Conference on Computational Methods in Science & Technology (ICCMST 2021) Organized by: Department of CSE & IT, CEC-CGC, Landran

Duration: 2 Days, 17th -18th December, 2021

Link:- <https://ieeexplore.ieee.org/xpl/conhome/9784421/proceeding>

7. Faculty Development Program " An Innovative Understanding of Big Data Analytical and Embedded Technologies" Organized by: Dept. of Computer Sc. & Engg., CEC, CGC- Landran, Mohali.

Duration: 5 Days, 17th -21st August 2021.

8. AICTE Sponsored E- International Conference on Computational Methods in Science & Technology (ICCMST 2020) Organized by: Department of CSE & IT, CEC-CGC, Landran

Duration: 2 Days, 11th – 12th June, 2020

9. 2nd National Conference on Recent Innovation in Emerging Technology & Science in association with Uttarakhand Science Education and Research Centre (USERC),DST, Govt. of Uttrakhand Organized by: JBIT, Dehradun

Duration: 2 Day, 6th -7th April, 2018

10. 3rd IEEE International Conference on Advance in Computing, Communication & Automation (ICACCA-2017) in collaboration with USERC Organized by: Tula's Institute, Dehradun

Duration: 2 Days, 15th – 16th September, 2017

11. National Conference on Recent Innovation in Emerging Technology & Science in association with Uttarakhand State Council for Science & Technology Organized by: JBIT, Dehradun

Duration: 2 Day, 3rd -4th March, 2017

12. National Seminar in association with CSI “Recent Development in Computer Science, Education” Organized by: JBIT, Dehradun Duration: 1 Day, 14th November 2016

13. IEEE International Conference on “Advance Computing and Communication Engineering” Organized by: Tula's Institute, Dehradun Duration: 2 Days, 1st -2nd May, 2015

14. National Seminar in “Emerging Trends in Computer and IT Enabled System ETCITES'09” Organized by: Anand Engg. College, Agra,

Duration: 2 Days, th -8th February 2009

15. Short Term Program on “MATLAB” Organized by: Anand Engg. College, Agra, Duration: 2 Days, 9th – 10th March 2007
16. Short Term Program “BIO INFORMATICS” Organized by: Dept. of App. Sc. & Computer Sc. & Engg. at the Anand Engg. College, Agra, Duration: 3 Days, 14th -16th Oct 2006
17. Workshop on “Emerging trends in Telecommunications” Organized by: Dept. of Information Technology, Anand Engg. College, Agra, Duration: 2 Days, 23rd -24th March 2006
18. National Seminar in “Current trends in Information Technology” Organized by: Department of Computer Science & Engineering and Information Technology at the Anand Engineering College, Agra Duration- 03 Days, 10th -12th September 2005
19. 11th Annual Conference of VijnânaParishad of India and Symposium on Mathematical Modeling of Real Life Problems and Computer Applications Organized by: Dept. of Computer Science, Dept. of Applied Science, Anand Engg. college, Agra, and Vijnâna Parishad of India Duration: 4 Days, 12th -15th May 2005
20. Workshop on Core Java – Departmental workshop Organized by: the department of Computer Science & Engineering and Information Technology at the Anand Engineering College, Agra Duration- 6 Days, 20th -25th May 2004

Research and Scholarly Publication

- “A framework for server performance analysis in cloud data-centre: A systematic study using memoryless open queuing system”, V. Sharma, A. Kumar, Manish Kumar, 2025 4th International Conference Innovation in Computing, <https://doi.org/10.1201/9781003652755>
- “Securing IOT Devices and Networks with Role of Cryptography”, Gagandeep, Neha, Priyanka Kaushal, Manish Kumar, Avinash Sharma 2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), DOI: 10.1109/ICRITO61523.2024.10522308
- “Facial expression recognition using Two-Stream Convolutional Neural Networks (TSCNNs) and inception 3D Convolutional Neural Network (CNN)”, Pramod Kumar, Anuj Kumar Singh, Manish Kumar, Sabia, Shorav Verma, 2024 4th International Conference on Computational Methods in Science & Technology (ICCMST), May 2024, pp 439-444
- “Efficient tagging strategies for software resources on information repositories”, Manish Kumar, Pramod Kumar, Anuj Kumar Singh 2024 4th International Conference on Computational Methods in Science & Technology (ICCMST), May 2024, pp 445-454
- “Sentiment analysis using support vector machines techniques on Twitter data”, Shamy Ahmad, Manish Kumar, Sachin Bhardwaj, 2024 4th International Conference on Computational Methods in Science & Technology (ICCMST), May 2024, pp 514-518

- “Machine learning and data analytics driven model for income tax rebate estimation: A neoteric and benign approach”, Viney Sharma, Achal Kumar, Archana Singh, Manish Kumar, 2024 4th International Conference on Computational Methods in Science & Technology (ICCMST), May 2024, pp 336-342
- "Detection of botnet in Machine Learning”, Bal Krishna Yadav, Vipin Kr. Kushwaha, Manish Kumar, Nilotpal Pathak, 2023 International Conference on Disruptive Technologies (ICDT), DOI: 10.1109/ICDT57929.2023.10151328
- “Identification and Detection of Behavior Based Malware using Machine Learning”, Umang Garg, Neeta Sharma, Manish Kumar, Amar Singh, 2023 International Conference on Artificial Intelligence and Smart Communication (AISC), DOI: 10.1109/AISC56616.2023.10085168
- "Skin Lesion Classification: Scrutiny of Learning-Based Methods”, Yashandeep Kaur, Parneet Kaur, Manish Kumar, Communications in Computer and Information Science (CCIS, volume 1822), Springer, Recent Trends in Artificial Intelligence and IoT (ICAI 2023) pp 52-64
- “Blowfish based encryption model in real cloud environment”, Rubika Walia, Prachi Garg, Manish Kumar, Journal of Autonomous Intelligence (2023) Volume 6 Issue 3, doi:10.32629/jai.v6i3695
- “Detection of botnet in Machine Learning”, 2021 2nd International Conference on Computational Methods in Science & Technology (ICCMST), Jan 2022, pp 137-142 • “Identification and Detection of Behavior Based Malware using Machine Learning”, 2023 International Conference on Artificial Intelligence and Smart Communication (AISC), 10.1109/AISC56616.2023.10085168
- “Dynamic Trust Based IDS to Mitigate Hole Attacks in Mobile Adhoc Networks”, Samita Devi, Manish Kumar, Sachin Bhardwaj, P.N. Hrisheekesha, 2021 2nd International Conference on Computational Methods in Science & Technology (ICCMST), Jan 2022, pp 137-142
- “COVID-19, Corona Virus Detection Using Artificial Intelligence”, Parveen Kumar, Gagandeep, Manish Kumar, 2021 2nd International Conference on Computational Methods in Science & Technology (ICCMST), Jan 2022, pp 261-263
- “Trust-Based Security: Advancement towards Protection of the Ad-hoc Network”, Samita devi, Manish Kumar, CGC International Journal of Contemporary Technology and Research, Vol.-4, Issue-1, pp 240-247
- "Preventive Measure for Prepayment and Non Delivery Fraud online shopping pages published in the social media account", Manish Kumar, Akshat Mittal, Mandeep Kaur, European Journal of Molecular & Clinical Medicine (ISSN 2515-8360), Vol 7, Issue 11, 2020, 7387-7392
- “A review on data stream clustering methods on high-dimensional data”, Sandeep Kumar, Vinodani Katiyar, Devesh Katiyar, Manish Kumar, Wesleyan Journal of Research, Vol 14 No 02, February 2021, 85-90
- “The Comparative Analysis With Bert And Elmo Methods For Movie Reviews Prediction Using NLP”, Shubham Khera, Manish Kumar, Journal of Critical Review-Scopus Indexed Journal (ISSN- 2394-5125). VOL 7, ISSUE 09, July 2020, pp 2416-2424

- “Recent Trends of Data Mining in the Field of Intrusion Detection System”, Sachin Bhardwaj, Yogesh Kumar, Manish Kumar, Praveen Kr. Raghuvanshi, Journal of Critical Review Scopus Indexed Journal (ISSN- 2394-5125). VOL 7, ISSUE 17, July 2020, pp 2360- 2365
- “Machine Learning based cognitive decision making in the area of smart city”, Manish Kumar, Atul Prakash Prajapati et al, Journal of Critical Review-Scopus Indexed Journal (ISSN- 2394-5125). VOL 7, ISSUE 05, June 2020, pp 1596-1602
- “Predictive and Responsive Mobile Detection Tool For Infected Covid-19 Symptomatic Carrier”, Manish Kumar, Diwaker, Bhupal Arya, Journal of Natural Remedies-Scopus Indexed Journal & ESC- Web of Science (ISSN: 2320-3358 (e)), Vol. 21 No. 2 (2020): June 2020 pp 77-85
- “Forest Fire Detection System based on WSN with ANN Approach”, Manish Kumar & Dr. R. Vivekanandam, Journal of Emerging Technologies and Innovative Research (ISSN: 2349-5162), UGC Approved & Impact factor 5.87, Volume 5 Issue 2 , February-2018.
- “A Brief Analysis of Cluster based Forest Fire Monitoring Approaches”, Manish Kumar & Dr. R. Vivekanandam, International Journal of Creative Research Thoughts (ISSN: 2320 :2882) UGC Approved & Impact Factor 5.97, Volume 6 Issue 1 January 2018
- “Forest Fire Detection using Wireless Sensor Network”, Manish Kumar, 3rd IEEE International Conference on Advance in Computing, Communication & Automation (ICACCA-2017) in collaboration with USERC at Tulas Institutes, Dehradun
- “Augmentation of Ant Colony mechanism in Wireless Sensor Network”, Manish Kumar, International Journal of Scientific & Engineering Research -IJSER (ISSN 2229-5518), Volume 5 Issue 2, March-2017 at National Conference on Recent Innovation in Emerging Technology & Science in association with Uttarakhand State Council for Science & Technology at JBIT, Dehradun
- “Students’ performance analysis using machine learning tools”, Manish kumar, Atul Kumar International Journal of Scientific & Engineering Research -IJSER (ISSN 2229-5518), Volume 5 Issue 2, March-2017 at National Conference on Recent Innovation in Emerging Technology & Science in association with Uttarakhand State Council for Science & Technology at JBIT, Dehradun
- “Comparative analysis of coverage in wireless sensor network using distributed dynamic node deployment scheme”, Manish Kumar, Atul Kumar International Journal of Scientific & Engineering Research -IJSER (ISSN 2229-5518), Volume 5 Issue 2, March-2017 at National Conference on Recent Innovation in Emerging Technology & Science in association with Uttarakhand State Council for Science & Technology at JBIT, Dehradun
- “Growth of India in Computer perspective”, Presented at Seminar organized in association with CSI at JBIT, Dehradun, 14 November 2016 • “Wise Simulation tools for Wireless Sensor Network” Published in International Journal in Computer Engineering & Technology (impact factor 1.0425) calculated by GISI. “Association Rule Mining: An prospective approach” Presented at: “CEREBRUM” – National Level Technical Fest. Organized by: Anand Engineering College, Agra, 7-8 March 2003