

Faculty Profile

Name : Dr. Sandeep Kumar
Designation : Associate Professor
Qualifications : Ph.D, M.Tech., B.Tech., PGDBM
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Area of Interest/Specialization: Data Mining and Predictive Analytics, Price Prediction, Social Networks Trend Analysis and their impacts using Machine Learning Concepts.

Experience : 16 years 2 Months

Key Publications

1. A Framework for Solving the Handwritten Equations Using OCR, (Vol 9(11), pp-466-471), International Journal of Management, Technology and Engineering.
2. Gesture Recognition Based Calculator, (Vol 8(10), pp-149-158), International Journal for Research in Applied Science & Engineering Technology (IJRASET).
3. Predictive Analysis of Online Auctions Using XGBoost, (Vol 5(12), pp-1102-1107), International Journal for Research in Applied Science & Engineering Technology (IJRASET).
4. Performance Comparison of Machine Learning Models, (Vol 5(12), pp-1039-1044), International Journal for Research in Applied Science & Engineering Technology (IJRASET).
5. Software Agents Role and Predictive Approaches for Online Auctions, (Vol 4(11), pp-2111-2114), International Research Journal of Engineering and Technology.
6. Object Detection and Recognition in Images, (Vol 5(4), pp-1029-1034), International Journal of Engineering Development and Research.
7. Impact of social media and Customer Feedback on Online Auctions, (Vol 13(1), pp-11-22), International Journal of Computational Intelligence Research.
8. Hybrid dynamic price prediction model in online auctions, (Vol 12(5), pp-598-604), International Journal of Applied Engineering Research.
9. An Overview of Data Mining in Medical Field, (Vol 3(7), pp-198-201), International Journal of Engineering and Technical Research (IJETR).
10. FRDMS For Fuzzy Querying Based on GEFRED Model, (Vol 4(8), pp-13887-13891), International Journal of Engineering and Computer Science.

11. Review on “Fuzzy Querying based on GEFRED model”, (Vol 3(7), pp-100-102), International Journal of Engineering and Technical Research (IJETR).
12. Evaluation of Table-Driven Protocols-DSDV & OLSR in MANET, (Vol 2(7), pp-73-76), IJSRD - International Journal for Scientific Research & Development.
13. Performance Evaluation of DSDV & OLSR Proactive Protocols in MANET (Vol 2(7), pp-77-80), IJSRD - International Journal for Scientific Research & Development.
14. Comparative Analysis of AODV & AOMDV Reactive Protocols, (Vol 4(8), pp-266-270), International Journal of Advanced Research in Computer Science and Software Engineering.
15. Big data: advancements in data analytics, (Vol 5(4), pp-1466-1469), International Journal of Computer Technology & Applications.
16. A Hybrid Data Mining Metaheuristic Approach for Anomaly Detection, (Vol 3(11), pp-1308-1317), International Journal of Advanced Research in Computer Science and Software Engineering.
17. Pricing Algorithms in Online Auctions, (Vol 3(6), pp-143-153), International Journal of Advanced Research in Computer Science and Software Engineering.
18. Online Financial Algorithms: Competitive Analysis, (Vol 40(7), pp-8-14), International Journal of Computer Applications, International Journal of Mobile & Adhoc Network.
19. Genetic K-Means Algorithm – Implementation and Analysis, (Vol11(1), pp-103-106), International Journal of Mobile & Adhoc Network.
20. Genetic Operators in TSP, (Vol.1(2), pp-516-519), International Journal of Modern Engineering Research

Papers presented in Conferences

1. Music Genre Transfer Using TransGan, ICICIT-2021.
2. Data collection and analytics strategies of social networking websites, International Conference on Green Computing and Internet of Things (ICGCIoT), IEEE 2015.
3. Mobile Tracking System Using GPS, International Conference on Emerging Technologies (ICET-2014).
4. Human Factors and Ergonomics (Human Factor Re-engineering), International Conference on Emerging Technologies (ICET-2014), International Conference on Emerging Technologies (ICET-2014).
5. Pricing Models for Online Auctions, International Conference on Emerging Technologies (ICET-2014).

Awards and Recognitions

1. Secured 2nd position at Kurukshetra University in 6th Semester Examinations in year 2002.
2. Achieved “Certificate of Recognition for outstanding contribution to Campus Connect Program by Infosys in year 2011.
3. Obtained Dale Carnegie Training Certificate under Mission 10x by WIPRO in year 2012.
4. Awarded “Top IBM-TGMC-Mentor”, a National Level recognition in “ The Great Mind Challenge-2013 by IBM.
5. Recognized as BRONZE partner faculty under campus connect faculty Partnership Model by Infosys in Year 2014.

Patent/Copyright--

1. --
2. --

Sponsored Project/Consultancy

1. --
2. --

Book Chapter/Books published

1. NLP: A Practical Approach, LAMBERT Academic Publishing, 978-613-9-855582-7

Ph.D Supervised

Nil

Memberships of Professional bodies

1. Global Member of ISOC (Internet Society).
2. Member of International Association of Engineers (IAENG).
3. Member of International Association of Computer Science and Information Technology (IACSIT).