Department of Computer Science and Engineering (Cyber Security)

Faculty Profile

Name	:	Dr. Kiran B M
Designation	:	Professor
Qualification	:	M. Tech. Ph.D.
Total Experience	:	20 years
JNTUH ID	:	
AICTE ID	:	
E-Mail	:	dr.kiran@sphoorthyengg.ac.in

Publications:

1. "A study on need and application of Data Mining and Analytical Techniques in Music Therapy" in Journal of Huazhong University of Science and Technology A Scopus indexed and UGC CARE Journal, volume 50, issue 06 - 2021 with paper id: HST-0621-284, ISSN-1671-4512

2. "Detecting and counting the bacterial colonies using image processing approach" in Journal of Chengdu University of Technology, a UGC Care Journal, VOLUME 26, and ISSUE 7 2021, Paper id: CDU-0721-235.pdf   ISSN-NO- 1671-9727. Link: https://app.box.com/s/7go2qfh1bt22951wa46dienhql455h26

3. "Developing a web 3.0 DApp for NEFT based Digital Art Marketplace on the Etharium Blockchain" in Journal of emerging technologies and innovative research(JETIR), Volume 20, issue 5, ISSN-2349-5162

4. "Design and Development of an Optimization chatbot based on Random Forest Machine Learning Algorithm with Hyper parameter tuning", Indian Journal of Natural Sciences, Multidisciplinary journal, tnsroindia.org.in, Vol.13, No. 76, 2023 feb , pages 53279-53287

5. Boosting the accuracy of optimization chatbot by random forest with halving grid search hyperparameter tuning issn: 2229-6956 (online) ictact journal on soft computing, april 2023, volume: 13, issue: 03 doi: 10.21917/ijsc.2023.0413 special issue on innovations and intelligence for computing and technologies (iict-2023) pages 3007-3013.

6. Malware detection through predictive analytics in cyber supply chain security, e- ISSN: 2278-067X, p-ISSN: 2278-800X, International Journal Of Engineering Research And Development, Volume 20, Issue 5 (May. 2024)

7. Suspicious Activity Recognition from Video Surveillance System, e- ISSN: 2278-067X, p-ISSN: 2278-800X, International Journal Of Engineering Research And Development, Volume 20, Issue 5 (May. 2024)

Presentations in International Conferences:

1. Presented a paper titled "Research paper to design and develop an algorithm for optimization chatbot" in International Conference on Ubiquitous Computing and Intelligent Information Systems during 26 July 2022.

2. Presented a paper titled "Data Acquisition Techniques from IOT Devices for Smart Transportation: A Brief Overview" in ICT4SD 2022 and publication in Springer

3. Presented a paper titled "Review of Optimization Chatbot Trends, Tools, Technologies & Research Issues" International Conference on Multidisciplinary Research and Innovative Practices (ICMRIP-2021) Organized by J S University.

4. "Design of an Optimization Chatbot Model for Classification Framework", IFERP Publisher, 2021

5. "Research Paper to Design and Develop an Algorithm for Optimization Chatbot", Proceedings of International Conference on Ubiquitous Intelligent Systems Smart Innovation, Systems and Technologies, pp. 1-8, 2022. "Research Paper to Design and Develop an Algorithm for Optimization Chatbot", Proceedings of International Conference on Ubiquitous Intelligent Systems, pp. 1-12, 2022.

Participation in FDPs/ Workshops / Conferences:

He has attended more than 40 FDPs in Online and Offline mode.

Reviewer

1. Reviewer for the International Journal of Information Retrieval Research (IJIRR), IGI Global Publication.
2. Reviewer for 5th INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND COMMUNICATION (ICICC-2021)
3. INSC Journals
4. Second IEEE International Conference on Disruptive Technologies for Multidisciplinary Research
5. 3rd International Conference on Adaptive Computational Intelligence ICICI-2022

Professional Society Membership:

✓ Life Member: The Indian Society for Technical Education (ISTE) LM 59406

✓ The Institute of Engineers (India) (IEI) – M-157093-5

✓ Life Member of Kannada Sahitya Parishat – 13988

✓ International Association of Engineers – 227929 (IAENG)

✓ Life Member, Institute of Scholars, InSc2021EE2F

✓ IEEE Member

➤ Online Course Certifications

➤ Udemy

- o Leadership: Practical Learning Skills – Trainer: Mr. Chris Croft
- o The Complete Agile Scrum Fundamentals Course + Certification – Trainer: Maurcio Rubio
- o Natural Language Processing: Jose Pottilla, Pierian Training.
- o Build Your Own Cyber Lab at Home

➤ Coursera

- o Foundations of Cyber Security – Google – 28th Nov, 2020; Grade: 96%.
- o Introduction to Tensorflow for artificial intelligencem Machine Learning and Deep Learning – DeepLearning.AI – May 07th, 2020; Grade:99%

- o Learning How to Learn: Powerful Mental tools to help you master through subjects- Deep Teaching Solutions; April 27th, 2020; Grade- 90%
- o Understanding and Visualizing Data with Python – University of Michigan; April 25th,2020; Grade-97%
- o Ongoing Courses:
  - Microsoft Power BI Data Analyst Professional Certificate
  - Google Cybersecurity Professional Certificate
- ➢ NPTEL:
  - o Discrete Mathematics; Jul-Oct 2018; Grade: 72%
  - o Python for Data Science; Jan-Feb 2020; Assignment Score 92/100.