



Dr. POOJA M R

Associate Professor

**Department of Department of Computer Science
&Engineering**

Date of Joining	05-09-2003
Length of Professional Experience	18 years

Contact Details

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Academic Background

<ul style="list-style-type: none"> .Ph.D in Faculty of Computer and Information Sciences from VTU at SJCE, Mysuru
<ul style="list-style-type: none"> M.Tech in Software Engineering from Sri Jayachamarajendra College of Engineering, Mysuru, Karnataka
<ul style="list-style-type: none"> B.E in Computer Science & Engineering from VVIET, Mysuru, Karnataka

Areas of Interest

<ul style="list-style-type: none"> Machine Learning
<ul style="list-style-type: none"> Health Informatics

Significant Publications

<ul style="list-style-type: none"> Cluster Analysis to Characterize the Patterns of Complementary and Alternative Medicines Usage in Asthma Controls, The Open Public Health Journal , 2020-05-29 journal-article.
<ul style="list-style-type: none"> An empirical analysis of machine learning classifiers for clinical decision making in Asthma, Communications in Computer and Information Science, 2018 book DOI: 10.1007/978-981-10-9059-2_11, EID: 2-s2.0-85045312663, Part of ISBN: 18650929

- Artificial intelligence applications in defense, Lecture Notes in Networks and Systems 2020 | book-chapter, DOI: 10.1007/978-981-15-0146-3_68, EID: 2-s2.0-85079269343, Part of ISBN: 23673389 23673370
- A comparative study on parsing in natural language processing, Proceedings of the 3rd International Conference on Computing Methodologies and Communication, ICCMC 2019, 2019 | conference-paper, DOI: 10.1109/ICCMC.2019.8819687, EID: 2-s2.0-85072762808
- Designing an Adaptive Question Bank and Question Paper Generation Management System, Advances in Artificial Intelligence and Data Engineering book-chapter, https://doi.org/10.1007/978-981-15-3514-7_72, 978-981-15-3513-0
- A predictive framework for the assessment of asthma control level, International Journal of Engineering and Advanced Technology, 2019 | journal-article, EID: 2-s2.0-85062726786, Part of ISBN: 22 498958
- A hybrid decision support system for the identification of asthmatic subjects in a cross-sectional study 2015 International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2015, 2016 | conference-paper, DOI: 10.1109/ERECT.2015.7499028, EID: 2-s2.0-84979650376
- A predictive model for the effective prognosis of Asthma using Asthma severity indicators 2017 International Conference on Computer Communication and Informatics, ICCCI 2017, 2017 | conference-paper, DOI: 10.1109/ICCCI.2017.8117717, EID: 2-s2.0-85041452156
- Stock Indices Forecasting based on Wavelet Filters and Improved Instance based Learning (WIIBL) International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCEEC 2017, 2018 | conference-paper, DOI: 10.1109/CTCEEC.2017.8455141, EID: 2-s2.0-85054054329

Achievements

Editorial Board Member for the below mentioned foreign peer reviewed journals:

1. Journal of Pulmonary Medicine and Respiratory Research, U.S.A
2. Mathematics and Computer Science, U.S.A
3. PeerResearchNest, U.S.A
4. Journal of Cloud Computing and Data Science, Singapore
5. American Journal of Medicine and Public Health
6. International Journal of Computer Science & Information Technology

Nominated as Bentham Ambassador from INDIA in recognition of research in Medical Informatics

Reviewer for:

- Reviewer for 2020 International Workshop on Intelligent Computing, Communication and Data Engineering (ICCDE2020) November 22-23, 2020, Beijing, China.
- Reviewer for MMSJ (Journal of Multimedia Systems), Springer Nature.
- Reviewer for Multimedia Tools and Applications, Springer
- Reviewer for Journal of Pharmaceutical Research International, indexed in Web of Science
- International Journal of TROPICAL DISEASE & Health, indexed in Publons
- Reviewer and Member of 9th International Conference on Frontiers of Intelligent Computing:

Theory and Applications (FICTA 2021) June 25 - 26, 2021, National Institute of Technology (NIT), Mizoram, India

- Reviewer for International Journal of Computational Science and Engineering, Inderscience publishers

Invited speaker/resource person for:

- AICTE,ISTE Induction / Refresher Course on Cyber Security with Blockchain Technology from 22nd to 28th April 2021 organized by KKR and KSR Institute of Technology & Sciences, Andhra Pradesh, India.
- 5th World Congress,UK on NURSING EDUCATION AND PRIMARY HEALTH CARE during 21st to 23rd April 2021
- 4th Global Conference on Nursing and Healthcare held during May 20, 2021 in Webinar
- “World Congress on Pediatrics, Neonatal Healthcare and Cardiology”held during June 07-08, 2021 | Virtual Meet
- AICTE Training And Learning (ATAL) Academy sponsored FDP on Data Science in Health Care from 21st June 2021 to 25th June 2021

In-House Resource person for

- Awareness on OBE
- GATE workshop
- Webinar on Healthcare Analytics