

Faculty Profile



Name: Dr. YENDA RAMESH

Designation: Assistant Professor

Teaching Areas: Algorithms, Data Structures, Programming Languages – C, Java, C++.

Research Interests: Statistical Model Checking, Applications of Formal Methods, Agent Based Simulations

Education:

- Ph.D in CSE, Indian Institute of Technology Hyderabad, 2022
- M.Tech in CSE, Indian Institute of Technology Madras, 2011
- B.Tech in CSE, Andhra University, Visakhapatnam, 2009

Research / Selected Publications:

- [1] Yenda Ramesh and M. V. Panduranga Rao : “Statistical Model Checking for Probabilistic Temporal Epistemic Logics”. 14th International Conference on Agents and Artificial Intelligence (ICAART) 2022, pp:53-63.
- [2] Yenda Ramesh and M. V. Panduranga Rao : “Multi-Attribute Queries for Stochastic Multiagent Systems over Short Time Horizons”. Annual Modeling and Simulation Conference (ANNSIM) 2021, pp:1-12.
- [3] Yenda Ramesh and M. V. Panduranga Rao : “Short Duration Aggregate Statistical Model Checking for Multi-Agent Systems”. 23rd International Conference on Principles and Practice of Multi-Agent Systems (PRIMA) 2020, pp:420-427.
- [4] Yenda Ramesh, Nikhil Anand and M. V. Panduranga Rao : “DyNeMoC: Statistical Model Checking for Agent Based Systems on Graphs”. 22nd International Conference on Principles and Practice of Multi-Agent Systems (PRIMA) 2019, pp:627-634.
- [5] Yenda Ramesh, Nikhil Anand and M. V. Panduranga Rao : “Statistical Model Checking for Dynamical Processes on Networks: A Healthcare Application”. 11th International Conference on Communication Systems and Networks (COMSNETS) 2019 – Social Networks Workshop, pp:720-725.
- [6] Shiraj Arora, Abhishek Jain, Yenda Ramesh and M. V. Panduranga Rao : “Specialist Cops Catching Robbers on Complex Networks”. 7th International Conference on Complex Networks and Their Applications (Complex Networks) 2018, pp: 731-742.