Title: Algorithms for Graph Similarity Self-Join
Funding Agency: Science and Engineering Research Board, DST

Dr. Amit Awekar-Department of Computer Science and Engineering

Budget: 6 lakh 60 thousand

Objective: Scalable algorithms for finding near duplicate graph pairs in large graph datasets

❖ Theme: Use computationally efficient similarity measures for graph similarity self-join

❖ Highlight: Develop novel methods for graph indexing and similarity computation

❖ Deliverables: Algorithms for graph similarity self-join

❖ Societal impact: Application domains such as Drug Design and Natural Language Processing will benefit from such efficient algorithms for graph similarity self-join

❖ Current status: Project completed. We are working on improving the algorithms further.