



SRINIVAS UNIVERSITY

Mangalore-575001, Karnataka (India)

Srinivas Research Centre for Data Mining and Data Warehousing



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About the Research Centre

Data mining has made a great progress in recent year but the problem of missing data has remained a great challenge for data mining algorithms. It is an activity of extracting some useful knowledge from a large data base, by using any of its techniques. Data mining is the process of extracting potentially useful information from data sets through the use of algorithms and techniques drawn from the field of Statistics, Machine Learning and Data Base Management System. Data mining is used in computational biology and bioinformatics to detect trends or patterns without knowledge of the meaning of the data.

In the recent years, the database community has witnessed the emergence of a new technology, namely Data Warehousing. Data Warehouse is an integrated repository that stores information which may originate from multiple, possibly heterogeneous operational or legacy data sources. The Data Warehouse system is used to provide solutions for business problems since it transforms operational data into strategic decision making information. Current research has lead to new developments in all aspects of Data Warehousing.

This research centre is an initiative in the field of computer science and engineering at Srinivas University College of Engineering and Technology (S.U.C.E.T), focusing various activities in the area of Data Mining and Data Warehousing. With the active participations from faculties and students of SUCET, this centre wish to contribute by means of research and teaching activities in this sphere and also intending to present papers in the field of Data Mining and Data Warehousing at national and international seminars and conferences apart from conducting a large number of training programs in this domain. This also proposes an industry-academic partnership to form many of its activities.

Objectives of Srinivas research centre for Data Mining and Data Warehousing

- Developing teaching materials and preparing working papers.
- Organize workshops / seminars / conferences
- Conducting certificate programmes for aspirants
- Undertaking research and consultancy studies.
- Preparing engineering graduates for the Data Mining and Data Warehousing domain.

List of Publications

- Published Research paper entitled “Cyber Physical System based Health Monitoring System” in International Research Journal of Engineering and Technology (IRJET), Volume 5, Issue 5, May 2018.
- Published Research paper entitled “Survey Paper on Health-CPS: Healthcare Cyber-Physical System Assisted by Cloud and Big Data’ in the International Journal of Scientific Research in Computer Science Engineering and Information Engineering Technology(IJSRCSEIT), Volume 3, Issue 3, March-April 2018.
- Presented a technical paper titled “Speaker Accent Identification for Kannada Language using Speech Features” in National conference on Robotics, Automation, Control and Embedded Systems (NCRACES)-2017 and held on 22nd May 2017 in GSSS Institute of Engineering and Technology for Women, Mysuru.