

Faculty Profile

Dr. G Naveen Sundar, M.E., Ph.D

Assistant Professor,

Department of Computer Science and Engineering

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photograph

Academic Background

Degree	University	Year
Ph.D	Anna University	2016
M.E	Karunya University	2006
B.E	Manonmaniam Sundaranar University	2002

Courses Taught

- Python Programming
- Computer Architecture
- Object Oriented Analysis and Design
- Knowledge Management

Research Interests

- Data Analytics
- Web Mining
- Machine Learning

Most recent Publications

- **G. Naveen Sundar**, Narmadha, An efficient data analytics model for predicting the harmful effects of air pollutants, International Journal of Scientific and Technology Research, 2020, 9(2), pp. 2486-2490

- Jeba Priya, S. Naveen Sundar, G. Identification of weeds using Hsv color spaces and labelling with machine learning algorithms, *International Journal of Recent Technology and Engineering*, 2019, 8(1), pp. 1781-1786
- **G. Naveen Sundar**, D.Narmadha, Dr.A.P.Haran, "Simplified Scheme For Performance Augmentation Of Web Data Extraction", *Journal of Theoretical and Applied Information Technology*, Vol.60, Issue 3, Feb. 2014(e-ISSN: 1817-3195)**(Scopus Indexed)**
- **G. Naveen Sundar**, D.Narmadha, Dr.A.P.Haran , "Performance Intensification for automatic Template using world wide web, *Research Journal of Applied Sciences*, Volume 9, Issue 5, 2014, Pages 288-294".**(Scopus Indexed)**
- **Naveen Sundar**, G., Haran, A.P., Investigation on the effect of content extraction in heterogeneous web pages , *International Journal of Applied Engineering Research*, 10 (14), pp. 34879-34882, (2015).**(Scopus Indexed)**
- D.Narmadha , **G. Naveen Sundar** , S.Jebapriya "Survey of clustering algorithms for categorization of patient records in Health care", *Indian Journal of Science and Technology* , Vol 9(8), DOI: 10.17485/ijst/2016/v9i8/87971, February 2016, ISSN (Print): 0974-6846 ISSN(Scopus, Web of Science and Thomson Reuters Indexed Journals-Annexure II.)**(Scopus Indexed)**.
- D.Narmadha, G.Naveen Sundar, S.Geetha: An Efficient Approach to Prune Mined Association Rules in Large Databases, *IJCSI International Journal of Computer Science Issues*, Vol. 8, Issue 1, January 2011, ISSN (Online): 1694-0814.
- Cyju Elizabeth Varghese, G. Naveen Sundar, Record Matching: Improving Performance in Classification, *International Journal on Computer Science and Engineering (IJCSE)*, Vol. 3 No. 3 Mar 2011, ISSN: 0975-3397.
- Mariat Thomas, G. Naveen Sundar, A Survey on Adaptive Query Optimization Over Data Stream, *International Journal of Computer Science and Management Research (IJCSMR)* , Vol. 1, Issue 5, pp. 1151-1154, Dec 2012, ISSN: 2278 – 1323.
- G. Naveen Sundar, D. Narmadha , "An Efficient Approach for Mining Association Rules in Large Databases" in *International Journal of Artificial Intelligence and Knowledge Discovery(IJAI)*, Vol 2, Issue 1, Jan 2012, ISBN: 2231-2012.
- G. Naveen Sundar, Teena A.Sunny, Optimized Clustering for Personal Name Information Extraction, *IJCST Vol.3, Issue 4, Oct- Dec 2012*, ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print).

- G. Naveen Sundar , Sheba Gaikwad, Efficient content extraction using hybrid technique,, International Journal of Computer Science and Technology, Vol. 3, Issue 4, Oct- Dec 2012. ISSN: 0976-8491(Online), ISSN: 2229-4333(print).
- Gaikwad, G. Naveen Sundar: Optimized Content Extraction from web pages using Composite Approaches, International Journal of Computer Trends and Technology- volume 4, Issue 3- 2013, ISSN: 2231-2803.
- Mariat Thomas, G. Naveen Sundar, Adaptive sharing method for multiple continuous query, International Journal of Advanced Research in Computer Engineering and Technology (IJARCET) , Vol. 2, Issue 3, pp. 1151-1154, Mar 2013, ISSN: 2278 – 1323.
- Claudia Reynolds, G. Naveen Sundar , A Survey on Discovery of Part-Whole Relations with Knowledge-Base , International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 12, December 2013, ISSN: 2277 128X.
- G. Naveen Sundar, Samson Immanuel, Manoj, Dr. A. P. Haran, Performance Augmentation for Automatic Template Extraction, Jokull Journal, Vol. 63, No. 8, Aug 2013, ISSN: 0449-0576.
- Akiladevi R, G. Naveen Sundar, An Survey on Web log mining using DBSCAN, International Journal of Research in computer Applications and Robotics, Vol. 1, Issue 9, pg. 144-149, Dec 2013, ISSN:2320-7345
- Sherlin Mary Koshy*, G. Naveen Sundar, A Study on the Existing Techniques for Query Interface Integration , International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 12, December 2013, ISSN: 2277 128X.
- G. Naveen Sundar, D. Narmadha,"A Proficient Method for Template Removal", International Journal of Computer Science and Technology, Vol. 4, Issue 1, Jan - March 2013, ISSN: 2229-4333.
- Teena A. Sunny, G. Naveen Sundar, "An Efficient Information Extraction Model for Personal Named Entity", International Journal of Computer Trends and Technology, Vol. 4, Issue 3, pp. 446-449, 2013.
- G. Naveen Sundar, D. Narmadha, Dr. A. P. Haran," Combinational Scheme for Efficient Content Extraction from Web Pages", Australian Journal of Basic and Applied Sciences, Vol. 8, Issue 1, Jan 2014.

INTERNATIONAL CONFERENCES

1. Naveen Sundar, G., Narmadha, D., Jebapriya, S., Malathy, M., Optimized methodology for hassle-free clustering of customer issues in banking, Advances in Intelligent Systems and Computing, 2019, 768, pp. 421-428
2. Alice Gavya, **G. Naveen Sundar**, Web Caching based on cache gain in En-route, International conference on emerging trends in Engineering Technology, Mar 2010.

3. Participated and presented a paper titled "Improving Performance in Dynamic Web Cache", Advanced Computing in Computer Applications", 20th March 2010.
4. **G. Naveen Sundar**, Sharon Jacob, Web search engine based semantic similarity appraise between words, International Conference on Emerging Technological Trends in Advanced Engineering Research, ICETT 2012, ISBN: 978-93-80624-62-4.
5. **G. Naveen Sundar**, Neethu Mary, An Efficient Approach for detection and Extraction of templates from web pages, International Conference on Emerging Technological Trends in Advanced Engineering Research, ICETT 2012, ISBN: 978-93-80624-62-4.
6. **G. Naveen Sundar**, S.Castro, Online Record Linkage techniques with secured methods, International conference on computing, communication and Applications (ICCCA), Feb 2012, ISBN: 978-93-80-624-62-4.
7. Participated and presented a paper titled "Performance growth for TEXT" in the International Conference on Electronics and Communication systems, 13-14 Feb 2014.
8. **G. Naveen Sundar**, D.Narmadha, "An efficient approach for template detection and Content extraction from web pages" from 9th to 11th April during the 3rd international conference on Innovative Research in Engineering and Technology.
9. **G. Naveen Sundar**, D. Narmadha "Utilization of Data Mining technique for hassle free categorization of customer issues in Banking" during International conference on converging Biotechnological Innovations for Health, Food And Environmental Welfare (ICCB I 2015) between December 2-4, 2015".
10. **G. Naveen Sundar**, D. Narmadha, S.Jebapriya "Utilization of Data Mining Technique to Predict the Harmful Effects of Air Pollutants On Human Health", ISRO Sponsored Indian Conference on Data Analytics, Big Data, Data Mining and Data Science (ICD4'16) , 27 – 28 Oct, 2016.
11. D. Narmadha, **G. Naveen Sundar**, S.Jebapriya "Survey of clustering algorithms for categorization of patient records in Health care", 4th International Conference on Design and Applications of Structures, Drives, Communicational and Computing Systems(ICDASDC-2015), Nov 27-28, 2016, ISBN: 978-1-944171-34-61.
12. **G. Naveen Sundar**, Saranya, A survey on web mining and Content extraction, proceedings of second national conference on Innovative computing techniques and applications, 17th Mar 2017.
13. D. Narmadha, **G. Naveen Sundar**, S.Jeba priya, " Enhanced K-means algorithm to improve time efficiency, 20th – 21st Dec, 2017.
14. Ebenezer, A.S., Priya, S.J., Narmadha, D., **Naveen Sundar, G** "A Novel Scoring system for Coronary Artery disease risk Assessment system", in 2017 International Conference on Intelligent

Computing and Control (I2C2), 978-1-5386-0373-4, June 25-26, Karpagam University, Coimbatore[Scopus Indexed]

15. **Naveen Sundar, G.**, Narmadha, D., Jebapriya, S., Malathy, M. Optimized methodology for hassle-free clustering of customer issues in banking (2019) Advances in Intelligent Systems and Computing, 768, pp. 421-428. [Springer, Scopus Indexed]
16. Published a paper in conference proceeding AISGSC 2019, "A Review on Graph Analytics based approaches in Protein- Protein interaction network, 4-5, Jan 2019.

Projects Guided

- Recognition method for identifying diseases using leaf symptom images
- Machine learning based approaches to predict energy efficiency based on building shapes
- EARLY PREDICTION OF HEART ATTACK USING MACHINE LEARNING
- PREDICTION OF DIABETICS USING PATTERN RECOGNITION TECHNIQUES
- Accurate Detection of Emotions using data analytics

Memberships in Professional societies

- Member in Computer Society of India

Significant achievements:

- Awarded as **Bronze partner faculty** under Inspire campus connect partnership model, Infosys.
- Participated as a **Judge** in Technical paper presentation on 19th and 20th Feb 2015 for the International Conference [ICTETSHAM'15] organized by Tamizhan college of Engineering, K.K Dist.
- Published a book chapter titled "Utilization of Data Mining technique for hassle free categorization of customer issues in Banking" in the book **Enabling Technologies for Health and Human Betterment**, Sam publishers, Chennai, ISBN: 9789380485751.

