# SHRIDEVI INSTITUTE OF
# ENGINEERING AND TECHNOLOGY

**NAME:Dr.Basavesha D**
**Designation: Associate Professor & HOD**
**Department: Computer Science and Technology**

| Date of Joining | 15-07-2011 | | |
|---|---|---|---|
| Professional Experience | Teaching | Industry | Research |
| | 15 | NIL | 8 |

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|---|---|
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## Academic Background

- **Phd – Computer Science and Engineering - VTU**
- **MTech -Computer Science and Engineering - VTU**
- **BE- Computer Science and Engineering - VTU**

## AreasofInterest

| | |
|---|---|
| • Machine Learning | • Cloud Computing |
| • BigData | • Web Technology |

## Significant Publications

- **No. of Papers Published in Journals (Numbers and Description)- 11**

1. D. Basavesha and Y. S. Nijagunarya, "Soft computing based duplicate text identi- fication in onlinecommunity websites," International Journal of Engineering Trends and Technology, vol. 68, no. 7, pp. 1–7,

2020.10.14445/22315381/IJETT-V68I7P201S

2. Praveen, Basavesha D, & Dr. Piyush Kumar Pareek. (2021). Covid-19 Sentiment Analysis using Bidirectional Encoder Representations from Transformers. Interna- tional Journal of Advanced Scientific Innovation, 2(3), 23-27.

3. Basavesha D, Piyush Kumar Pareek, & Suhas G K. (2021). A Decoder for Sign Boards of Indian Languages to English using Tesseract and seq2seq Model. Ad- vancement in Image Processing and Pattern Recognition, 4(3), 1–8.

4. Basavesha D, Piyush Kumar Pareek. DDMa-LSTM: Duplicate Detection usingSiamese Manhattan and Long Short Term Memory(Paper Under Review)

5. Dr Basavesha, RB Madhumala, Prashanth Venkatareddy, Sapna Kadakadiyavar, Piyush Kumar Pareek, KR Surabhi "Certain Electroenchaphalography Signal Analysis for Artifact RemovalUsing Multiwavelet Transform" 2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE)IEEE. **DOI:** 10.1109/ICATIECE56365.2022.10047724

6. Dr.Basavesha, R Jagadeesha, Vijay Kalmani, Kalyan Devappa Bamane "An Intelligent Cash Machine Computational Methodology Based on Iris Scanners" NeuroQuantology| | December 2022 | Volume 20 | Issue 20 |Page 2733-2739| doi: 10.48047/NQ.2022.20.20.NQ109277.

7. Dr.Basavesha D ,Dr Kalyan Devappa Bamane,Dr Jagadeesha R,Dr. Vijay Kalmani "Mining the Knowledgeable Information from Big Data of Chinese Tweets on Disaster Management using Graph based Deep Learning Model" NeuroQuantology| | December 2022 | Volume 20 | Issue 20 |Page 2740-2753| doi: 10.48047/NQ.2022.20.20.NQ109278.

8. Dr.Basavesha D ,Manasvi Jagadeesh Maasthi , Harinahalli Lokesh Gururaj, , Vinayakumar Ravi, Meshari Almeshari and Yasser Alzamil "Decision-making Support System for Predicting and Eliminating Malnutrition and Anemia" The Open Bioinformatics Journal, DOI: 10.2174/0118750362246898230921054021, 2023, 16, e18750362246898.

9. Basavesha D and etal "Fake News Detection using Machine Laerning" Vol. 5 No. 5 (2023): International Journal of Advanced Scientific Innovation - May DOI: https://doi.org/10.5281/zenodo.10509258.

10. Mr Basavesha D,Mrs.Kavitha R,"Predictive anaysis system for disease using Datamining", IJARED,ISSN:2348-4470 May 2016,(Impact Factor 4.14).

11. Mr Basavesha D," Code Regeneration scheme for data Integrity and Identity based data uploading for hospital data's", IJIRCCE,ISSN:2320-9801, March 2017,(Impact Factor 6.577).

- **No. of Papers Presented in Conferences (Numbers and Description)-03**

1. Basavesha, D., Bharathi, S., Pareek, P.K. (2021). Soft Computational Techniquesto Discover Unique and Precise Knowledge from Big Data. In: Villazón-Terrazas, B., Ortiz-Rodríguez, F., Tiwari, S., Goyal, A., Jabbar,M. (eds) Knowledge Graphs and Semantic Web. KGSWC 2021. Communications in Computer and Information Science, vol 1459. Springer, Cham. https://doi.org/10.1007/978-3-030-91305-2_24.

2. Basavesha D and Y. S. NIJAGUNARYA, "Detecting Duplicate Questionsin Com- munity Based Websites Using Machine Learning," SSRN ElectronicJournal,pp.1–6, 2021.https://dx.doi.org/10.2139/ssrn.3835083

3. Mr Basavesha D , Dr.Y S Nijagunarya "An algorthmic approach for data mining classification techniques"NCRAETS-2K19.

- **Book Chapters (Numbers and Description) -01**
    1. Medical Record Management for Disease Management

- **List of FDP's/Workshops (Numbers and Description)- 05**

- **Patents Published (Numbers and Description)-02**
    1.Agricultural Drone For Pesticide Spray.
    2.Pregnancy health State management method and device using Artificial Intelligence and methods.

- **KSCST Student Projects Funded /Funded project and consultancy (Numbers and Information)-01**

- **Project Guided details-**
    **UG Projects – 25**
    **PG Projects-10**

## Achievements

- **Nominated as- BOS in Sri Siddhartha Institute of Technology**
    **Session chair in International Conference held at VVCE,Mysore**

- **Reviewer for- 8 International Conferences held at different Engineering colleges.**
    1.Reviewer for "Artificial Intelligence for Military Applications with Block chain", Book, Taylor & Francis Group reviewer.
    2.Reviewer for IEEE INDISCON-2023 organized by IEEE Mysore Subsection at GSSS Institute of Engineering & Technology for Women, during 5th August -7th August 2023 in association with IEEE India Council and IEEE Bangalore Section.
    3. Reviewer for International Conference on EASCT-2023 at RV college, Bangalore.
    4. Reviewer for ICAISC-2023 conference on 16th -17th , June, 2023 at SDM,Dharwad
    5. Reviewer for  ICICACS-2023 conference on 24-25 February, 2023 at SLN college,Raichur
    6. Reviewer for SSAHE journal of Interdisciplinary Research is a unpaid peer- reviewed, International Journal.

- **In-house resource person for- Shridevi Polytechnic, Shridevi Degree College**

- **Professional Membership-MISTE**