1. Personal Information

- **Name**: Dr. Megha Venkatesh Jonnalagedda

- **Position**: Associate Professor

- **Department**: Department of Information Technology

- **Contact Information**: mvjonnalagedda@sggs.ac.in, Mobile No. 9921008594

2. Educational Background

- **Degrees**:

Degree	University	Field of Specialization	Year	Percentage of marks/Grade
SSC	Secondary & Higher Secondary Board, Nagpur	----	1986	88.72% 20th Merit in State, Distinction
HSC	Secondary & Higher Secondary Board, Nagpur	----	1988	88% , 1st class with distinction
B. E.	Marathawada University, Aurangabad	Electronics Engineering	1993	69%, 1st class with distinction
M. E.	Swami Ramanand Teerth Marathawada University, Nanded	Electronics Engineering (with specialization in *Computer Technology*)	2000	68.9%, 1st class
Ph. D	Swami Ramanand Teerth Marathawada University, Nanded	Electronics & Telecommunication Engineering	23rd July 2016	----

- **Postdoctoral Experience**: NA

- **Certifications**: NA

3. Research Interests

- **Areas of Expertise**: Digital Signal and Image Processing, Machine Learning, and VLSI design

- **Ongoing Projects**: NA

- **Interdisciplinary Work**: NA

4. Teaching Experience: 30 Years

- **Courses Taught**:

Sr. No.	Subject Taught	UG/PG
1	Data Structures	UG
2	Object Oriented Programming	UG
3	Digital System Design (SY)	UG
4	Research Methodologies	PG
5	Microprocessor and interfacing (SY)	UG
6	Probability and Statistics for Data Science	PG
7	Machine Learning (Final Year)	UG
8	Human Computer Interaction (Final Year)	UG
9	Ethics in Information Technology (Final Year)	UG
10	Embedded Systems (Final Year)	UG
11	Digital Signal Processing (TY)	UG
12	Network and Lines (SY)	UG
13	Image Processing	PG
14	Multimedia Systems (Final Year)	UG
15	Basic Electronics (FY)	UG
16	VLSI Design (TY)	UG
17	Digital VLSI Design	PG
18	Low Power VLSI Design	PG
19	Electronic Devices & Circuits (I & II) –(SY)	UG
20	Digital Integrated Circuits & Analysis (TY)	UG
21	Linear Integrated circuits (TY)	UG
22	Electronic Circuit Analysis (TY)	UG

- **Course Development**: Redesigned Digital System Design and Microprocessor and Interfacing courses for Second Year IT

5. Publications and Presentations (Plz provide Google scholar link)

- **Books**: NA

- **Journal Articles**: 10

- **Conference Papers**: 10

- **Editorial Work**: Edited the proceedings of National Conference on "Advances in Computing, Networking and Security" organized during 23-24 Dec. 2013 at SGGSIE&T, Nanded

6. Awards and Honors

- **Grants**: State Government funding of Rs. 1.6 crores to develop Advance IT lab.

- **Awards**: NA

- **Fellowships**: NA

7. Professional Experience

- **Administrative Roles**:

  - Head, Department of IT,

  - Director Nominated member on SGGS BoG

  - Secretory Mahila Takrar Nivaran Samiti

  - Member of Institute Disciplinary Committee

  - Nodal Coordinator of VLABs

- **Industry Collaboration**: NA

- **Consulting Work**: NA

8. Supervision and Mentoring
- **PhD Supervision**:
  1. Chetan Malwade: Registered in August 2021
     Topic: "Addressing key big data analytics challenges in healthcare domain using artificial intelligence"
  2. Rajkumar Panchal: Registered in August 2021
     Topic: "A Study on Various Aspects of Hate Speech Detection on Social Media using Deep Learning"

- **Master's Supervision**:

  1. Pramod Waghmare: Efficient Pattern Recognition in Time – Series Data
  2. Vaibhav Bhosale: Detection of Frauds in Financial Transactions

3. Vivek D. Mohod: Data Extraction of Web Pages Using Tag Tree Structure
4. Abhay Jadhav: User Identity Prediction by Mouse Gesture Dynamics through ANN
5. Sushmita Magdum: Mining Online Reviews and Tweets for Predicting Sales Performance and Success of Movies
6. Prashant Mandale: Segmentation of MRI Brain Images and Improve Execution time and Performance for Automatic Diagnosis
7. Mussavir Shaikh: A Biometric Modality based on typing behavior
8. Vallabh Baradkar: Brain Tumor Segmentation using MRI image
9. Pooja A. Somatkar: Sequential Deep Learning with 3D-CNN for Human Action Recognition and Label Prediction
10. Yuvraj Nikhate: Heart Disease Prediction Using Machine Learning algorithms
11. *Farkhanda Seharish:* The Melanoma Skin Cancer Detection And Classification Using Image Processing
12. *Saba Siddiqua Sadique Ahemed Siddiqui:* Automatic Detection of Lung Diseases Using CNN and SVM

9. Professional Memberships

- **Associations**: : Life member of: Institute of Engineers, India (IE) and Life member of Institute of Engineering and Technology (IET)

10. Miscellaneous

- **Languages**: English, Marathi, Hindi, Telugu

- **Skills**: MATLAB, PYTHON, VHDL

- **Personal Interests**: Reading, Singing.