

## PROFILE

**Name:** M.SAKKU VIDHYA  
**Qualification:** M.Sc.,M.Phil  
**Designation:** Assistant Professor  
**DOB:** 17-09-1996  
**Address:** 14-1, Rajkamal 2<sup>nd</sup> street, Bell amerces colony, Palayamkottai, Tirunelveli-627002  
**Mail id:** [vidhyamsv321@gmail.com](mailto:vidhyamsv321@gmail.com)

### Work Experience

S.No	Period		Designation	Institution & Place
	From	To		
1	09/09/2024	Till date	Assistant Professor	Sri Sarada College for Women(Autonomous) Tirunelveli-11
2	04/01/2021	31/08/2024	Teaching Faculty, Admin	Smart Academy, Melapalayam, Tirunelveli-5

### Educational Qualification

Degree	College / University	Percentage	Year of study
M.Phil (CS)	Sadakathullah Appa College	90.25%	2019-2020
M.Sc (CS)	Sadakathullah Appa College	81.85%	2017-2019
B.Sc (CS)	Sadakathullah Appa College	83%	2014-2017

### Academic Project

S.No	Degree	Project Title
1	M.Phil (CS)	Automated Detection of Oropharyngeal Cancer using CT Image
2	M.Sc (CS)	Comparative Study on Face Recognition using Neural Network
3	B.Sc (CS)	Online Help Desk (Application Project)

### Achievements

- 1 st Prize in Paper Presentation about Ambient Intelligence
- 1 ST Prize in Tech Charades in One Day Technical Symposium
- 2 nd Prize in Web Chrysalis in National Level Symposium
- 3 rd Prize in Paper Presentation about Ambient Intelligence

### Paper Publications

- “Denoising the CT Images for Oropharyngeal Cancer using Filtering Techniques” presented and published in JERT ISSN: 2278-0181

- “Empirical Evaluation of Segmentation Algorithms for Oropharyngeal Cancer Detection” in UGC Care Journal. ISSN : 2394-3114
- “A Comparative Analysis of Classification Algorithms for Oropharyngeal Cancer Detection“ Published in JAC ISSN : 0731-6755

### Patent Publication

- Smart City Based IOT-Driven Smart City Network Patent published on 17-02-2023. Application No of Patent 202341002880

### Co-Curricular Activities

- I took classes on GENETIC ALGORITHM, NEURAL NETWORK and FUZZY SET at Smart Coaching Center (NET Coaching)
- I also took DIGITAL ELECTRONICS classes at Sethu Institute of Banking (TET Coaching)


### Professional Experience

- Resource Person for One-Day State Level Workshop on R Programming. [Jan 24, 2024 ] at Rani Anna Government College for Women, Tirunelveli

### Personal Strength

- Willingness to learn new technology
- Ability to deal with people diplomatically

### Online Participation

S.No	Date	Title of the event	Organized by	Completed	Photo
1	14 <sup>th</sup> Oct – 18 <sup>th</sup> Oct 2024	Innovations in Sustainable Research and Modern Date-Driven Approaches	St.Joseph University	Completed	
2	11 <sup>th</sup> Nov- 15 <sup>th</sup> Nov 2024	Android Basics with Compose (Online FDP)	ICT Academy	Completed	