

## CURRICULUM VITAE

**M Siddeshwari**

**Assistant Professor**

P.G.Department of Studies in Botany,  
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### PERSONAL PROFILE

Sex : Female  
Date of Birth : 28-08-1992  
Marital Status : Single  
Languages known : English, Hindi, Telugu, Kannada

### Objective

To explore and expand the range of my knowledge and share them with the igniting minds for their progress & to use my insights into the departmental works to make sure the department to run more efficiently.

### Educational qualification

NAME OF EXAM	BOARD/UNIVERSITY	PERCENTAGE OF MARKS	Class Obtained	Year of Passing
M.Sc (Botany)	Karnatak University, Dharawad.	77.61%	1 <sup>st</sup> class with DN	July-2015
B.Sc (Chemistry,Zoology, Botany)	Karnatak Science College, Karnatak University,Dharwad.	84.5%	1 <sup>st</sup> class with DN	june-2013
PUC (Physics, Chemistry, Mathematics, Biology)	Karnatak Science College, Karnatak University,Dharwad	49.9%	3rd class	May-2010
SSLC	Murarji Desai Residential School Jalahalli, Dist; Raichur	78.24%	1 <sup>st</sup> class	May 2008

## Achievements

Qualified Karnataka state eligibility Test (K-SET)/Lecturer/Assistant professorship Held on 2015.

## Research Interest

- Plant Taxonomy
- Floristics studies
- Plant Biodiversity
- Developmental biology
- Micropropagation
- Plant Tissue culture
- Plant biology
- Plant Biotechnology
- Plant genetics
- Plant molecular biology
- Genetic Engineering

## Hands on experience

- **Microtomy:** Preparation of thin sections of flower buds to study microsporogenesis .
- **Handling experience** in cross pollination in flowers.
- **Macro Tissue culture:** Grafting of different plant species.
- **Algal culturing:** Growing different algae by preparing growth media.
- **Molecular biology:** Plasmid and genomic DNA isolation, PCR, RNA isolation, Real Time PCR.
- **Mycology:** collection of spores and Media preparation for the growth of fungi.
- **Spectroscopy and Microscopy:** Worked with Fluorescent microscope,
- **Techniques** SDS-PAGE, Western Blotting, Florescence and UV-Vis spectroscopic methods.
- **Microbiology:** Preservation and maintenance of pathogenic and nonpathogenic bacterial and Fungal species. Isolation , purification and titration studies.

## PG Project

**“The light microscopic study of Histology and microsporogenesis of *Ruta graveolens*”.**

Under the guidance Prof. S.N.Agadi from P.G. Department of studies in Botany ,Karnatak University Dharwad.

## Software proficiency:

MS-Office 7 and 10, Windows XP and Vista, Open office, Adobe Photoshop, DNA and Protein sequence Analysis, Phylogenetic tree, multiple sequence alignment (ClustalW).

## References:

### **Dr. H. Niranjana murthy**

Professor

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### **Dr. S. N. Agadi**

Professor,

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## **Declaration**

I here by declare that information furnished above is true and correct to the best of my knowledge and belief.

**M Siddeshwari**