FORMAT FOR DETAILS OF INDIVIDUAL TEACHERS

1. Name : Dr. M. Srinivasa Reddy

2. Designation : Assistant Professor

3. Department : Dept of Basic Sciences and Humanities (Physics)

5. Qualifications : M.Sc., Ph.D

6. Date of Birth :31-07-1981

7. Date of Joining :03-09-2009

8. Phones: (off):_____(Res):____

Cell: 9866612004

9. Email ID :

10. Title of Ph.D. Thesis

Title of Thesis	University from which	Awarded
	PhDs awarded	Year
Characterization and physical properties of MO	Acharya Nagarjuna	2007
(MZn, Ca, Pb)-Sb ₂ O ₃ -B ₂ O ₃ glass systems doped with some transition and IIIA group metal ions	University	

11. Areas of Research Interest

- 1. Evaluation of insulating character of glass materials by means of dielectric studies and the structural evaluation of the glass materials
- 2. IR, Raman, ESR, optical absorption spectra and magnetic susceptibility studies of glass systems doped with different transition metal ions and to probe the local structure of the dopants
- 3. Luminescence spectra of glass materials doped with transition metal ions and rare earth ions and to evaluate transition probabilities, emission cross section etc.,
- 4. I have got experience in synthesizing and characterizing variety of Inorganic glass systems viz., phosphate, arsenate, borate etc. and acquainted well with the characterization of the materials by XRD, SEM, DTA/DSC techniques.

12. Research Students Information (Awarded):

Guided	Successfully	Presently	Guided
Ph.D	M.Phil	Ph.D	M.Phil
2	1	2	-

13. Academic Achievements:

- 1. I have received an award of Best Research paper published in an International Journal, on the eve of University Foundation Day celebrations in the Acharya Nagarjuna University in the year 2007.
- 2. I have received an award of Best Research paper published in an International Journal, on the eve of University Foundation Day celebrations in the Acharya Nagarjuna University in the year 2016.
- 3. I have received an award of Best Research paper published in an International Journal, on the eve of University Foundation Day celebrations in the Acharya Nagarjuna University in the year 2017.

15. No. of books published:

15. No. of research articles published/presented since the inception:

Journals		Conferences	
National	International	National	International
4	46	22	4

Signature of the Teacher