Profile

Name with Designation and Department:

Dr S. Sripathi Rao
Assistant Professor
Department of Physics

Personal Details:

Full Name	:	**S. Sreepathi Rao**
Father's Name	:	**S. Hanumantha Rao**
Date of Birth	:	**16-10-1964**
Place of Birth	:	**Veppor, Kalwakurthy**
Social Status	:	**OC**
Marital Status	:	**Married**
Nationality	:	**Indian**
Languages known	:	**English, Hindi and Telugu**
Email id	:	**ssrphysics30@gmail.com**
Mobile	:	**+919490116964**
Permanent Address	:	**Plot no-5, road no-5, Paragthi nagar, Mansoorabad, Hyderaabd-500068**
Address for Communication	:	**Plot no-5, road no-5, Paragthi nagar, Mansoorabad, Hyderaabd-500068**

1. Educational Qualifications (starting with highest degree obtained) :

2.

Sl. No.	Examination/ Degree	Name of Board/University	Percentage of marks/Grade	Discipline/Subject(s)	Year of Passing
1	Ph.D	Osmania University	---	Physics	1994
2	M.Sc	Osmania University, Hyderabad, India	63	Physics	1988
3	B. Sc	Osmania University, Hyderabad, India	62	Mathematics, Physics and Chemistry	1985

2. Title of Ph.D. Thesis: ***Preparation and Characterization of polymer electrolytes and applications to Polymer batteries***

(i) Date & Year of award : **May 1994** , **University:** **Osmania University**

3. Whether Qualified UGC/CSIR/JRF/SET: ***NA*** **Qualifying date of test: _____--_____**

4. Experience:

(i) Teaching: ***23*** **Years**

(ii) Research (Excluding M. Phil. /Ph.D. Research): 27 Years

(iii) Total: ***27*** **Years**

5. Details of Employment (in chronological order starting with most recent)

Sl. No.	Name of the Employer	Status of the Institute/University (Govt./Quasi Govt./Autonomous/ Private)	Post held/Designation	Period of Employment	Pay band/ Scale and Grade Pay
1	College of Engineering, Osmania University, Hyderabad	Government	Part-time Lecturer	1994 - 1996	Consolidated
2	Univ. College for Women Osmania University, Hyderabad	Government	Assistant Professor on Contract	1996- 8th May 2017	Consolidated

6. Details of Research Experience:

Sl. No.	Position	Project	Country	Period	Institution	Funding
1	Junior Research Fellow (JRF)	Preparation and characterization of polymers films and polymer batteries	India	1990-1993	Department of Physics Osmania University, Hyderabad -500 007	University Grants Commission (UGC), New Delhi, India.

7. Academic Experience:

Sl. No.	Designation	Organization/Institute/University	Period
2	Assistant Professor on Contract	Univ. College for Women Osmania University, Hyderabad	1996- 8th May 2017

8. Administrative Experience:

Sl. No.	Name of Post	Name of the University	Duration		Experience
			From	To	
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9. Invited Talks in Conference / Seminar / Workshop:

Sl. No.	Details	Name of the Organization	Level (State/ National/ International)
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10. Publications: Type of Publication (Books/Book Chapters / /Research Article)

Sl. No.	Details	Authorship (first/ corresponding)	ISSN/ ISSB
1	Conduction mechanisms in fixed polymer films S.Sreepathi Rao, K.V.S.Rao, K.NArasimha Reddy, J.S.Kumar and U.V.Subba Rao	First & Corresponding	Mat.Sci. & Engi. B 8 (1991) 125 -127.
2	Electrical conduction in a polyblend of polyvinylpyrrolidone and polyacrylamide S.Sreepathi Rao, K.V.S.Rao, Mohd.Shareefuddin, M.N.Chary, K.N.Reddy and U.V.Subba Rao	First & Corresponding	Cryst. Res. & Technol. 27 (1992) 7973-7979
3	Thermally stimulated discharge current studies in thinfilms of polyacrylamide K.V.S.Rao, S.Sreepathi Rao and U.V.Subba Rao	Second	Cryst. Res. & Technol.

4	Study of conduction mechanism in polymer thinfilms S.Sreepathi Rao, K.V.S. Rao, M.N.Chary and U.V.Subba Rao	First & Corresponding	International conference on defects in insulation materials (ICDIM) 1992 948-950
5	Ionic conductivity and battery characteristic studies on PEO+$AgNO_3$ polymer electrolyte S.Sreepathi Rao, K.V.S.Rao, Mohd. Shareefuddin, U.V.Subba Rao and Suresh Chandra	First & Corresponding	Solid state Ionics 67 (1994) 331-334
6	Preparation and characterization of a new polymer battery using PA+$AgNO_3$ electrolyte S.Sreepathi Rao and U.V.Subba Rao	First & Corresponding	Mat.Sci & Lett. 13 (1994) 1771
7	A new Na^+ ion conducting electrolyte based on (PEO+NaYF4) and its use as an electrochemical cell S.Sreepathi Rao, M.Jaipal Reddy and U.V.Subba Rao	First & Corresponding	Solid state Ionics 74 (1994) 225
8	Ionic transport and electrochemical cell characteristic studies on a new polymer electrolyte (PEO+Glass) system	First & Corresponding	Materials Letters 23 (1995) 129
9	Study of a thin electrochemical based on (PVP+$AgNO_3$) S. Sreepathi Rao, M.Jaipla Reddy, U.V.Subba Rao	First & Corresponding	Solid state Ionics 80 (1995) 93
10	A new PEO based thinfilm polymer electrolyte complexed with KYF4 and its application as an electrochemical cell M.Jaipal Reddy, S.Sreepathi Rao and U.V.Subba Rao	Second	Mat.Sci & Lett. 14 (1995) 1129
11	Development of electrochemical cells based on (PEO+$NaYF_4$) and (PEO+KYF_4) polymer electrolytes	First & Corresponding	Mat.Sci. & Engi. B 33 (1995) 173 -177.
12	Dielectric properties of polyvinyl pyrrolidone (PVP) polymer films	First & Corresponding	J. Pure & Appl.Phys. 19(3) (2007) 237-240
13	Conductivity and electrochemical cell characteristic studies of PEO based Mg^{2+} ion solid polymer electrolyte S. Sreepathi Rao, M.Jaipla Reddy, Mohd. Shareefuddin & U.V.Subba Rao	First & Corresponding	J. Pure & Appl.Phys. 19(4) (2007) 293-297
14	Thermally stimulkated discharge currents in mixed films of polyacrylamide and polyethylene glycol S.Sreepathi Rao and U.V.Subba Rao	First & Corresponding	J. Pure & Appl.Phys. 21(2) (2009)
15	Thermally stimulated discharge current studies in thin films of polyvinyl pyrrolidone	First & Corresponding	J. Pure & Appl.Phys. 21(2) (2009)
16	Electrical and strucutural studies of pure and MnSO4 doped poly (vinyl alcohol) polymer electrolyte films	First & Corresponding	International J.Chemical and Analystical Science 2(8) 126-129 (2011)

11. Paper Presentations in Conference / Seminar / Workshops:

Sl. No.	**Paper Title**	**Details of the Conference / Seminar/Workshop**	**Type of Presentation (Oral/Poster)**
1	Ionic transport and battery characteristic studies of a thin film electrolyte based on PEO complexed with Mg^{2+} sheet M.J.Reddy, S.Sreepathi Rao, D.S.Reddy, E.L.Narasaiah and U.V.Subba Rao	National conferene on thin film processing and applications Tirupathi, 23 – 24th January 1995.	Oral
2	Investigations of conduction mechanism in polymer thinfilms S.Sreepathi Rao and U.V.Subba Rao	National seminar on recent advances in polymers Indore , 6-7th February 1996.	Oral
3	Conductivity and battery characteristic studies of thin film polymer electrolyte (PA+Mg $(NO_3)_2$) E.LNarasaiah, S.Ramalingaiah, M.J.Reddy, S.Sreepathi Rao and U.V.Subba Rao	Second Nationals conference on Solid State Ionics Madras 15-17th February 1996.	Oral
4	Fabrication of solid state batteries based on polymer film electrolytes S.Sreepathi Rao, U.V.Subba Rao	National seminar on perspective solid state materials (UGC-DRS Programme) March 19-20th , 1998, Department of Physics, Osmania University, Hyderabad.	Poster
5	A novel polymer electrolyte based PEO complexed with Mg $(NO_3)_2$ S.Sreepathi Rao, D.Srinivasa Reddy, M.Jaipal Reddy, U.V.Subba Rao	Nationals semiar om current trends in materials research, March 11 – 12th 200, Department of Physics, Osmania University, Hyderabad	Poster
6	Novel solid state polymeric batteries based on PEO and PVP complexed Mg $(NO_3)_2$ salt	National seminar on perspective solid state materials (UGC-DRS Programme) March 22-23rd, 2002, Department of Physics, Osmania University, Hyderabad.	Poster
7	Dielectric properties of polyacrylamide (PA) polymer salts S.Sripathi Rao, M.Jaipal Reddy, & U.V.Subba Rao	The Indian science congress association, 7-8th January 2006, NGRI, Hyderabad.	Oral
8	Electrochemical cell characteristic studies of PEO based Mg2+ ion solid polymer electrolyte	The facilitates of UGC-BAE consortium for scientific research, 4-8th March, 2006, Department of	Oral

	S.Sripathi Rao, M.Jaipal Reddy, & U.V.Subba Rao	Physics, Osmania University, Hyderabad.	

12. Training Courses / FDP / Refresher / Orientation Courses:

Sl. No.	Details	Institution	Duration
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13. Full Length Papers in proceedings of Conference/Seminar (National / International)

Sl. No.	Paper Title	Details of the Conference / Seminar
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14. Research Projects: Sponsored Projects carried out / ongoing:

Sl.No.	Project Title	Date of Commencement	Date of Completion	Project cost (Fund)	Name of Sponsored Agency
1	Polymer Electrolytes and Their Application to Polymer Batteries			2.5 lakhs	UGC, New Delhi

15. Consultancy Projects:

Sl. No.	Project Title	Date of Commencement	Date of Completion	Name of Sponsored Agency
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16. Patents:

Sl. No.	Subject Area	Details of Patents
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17. Details of travel(s) abroad: No

18. Seminars / Conferences Organized:

Sl. No.	Source of Funding	Seminar Title	Duration	State/ National/International
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19. Research Guidance:

Sl. No.	Name of the Degree (M.Phil./Ph.D.)	Name of the University	Title of the Research	Submitted / Awarded	Student Reg. No.
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20. Details of Editorial Board Membership in Journals:

S. No	Details
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21. Details of Membership in Professional/Academic bodies/Societies:

S. No.	Details
1	Life member of Indian Solid Sate Ionics, BHU, Varansi

22. Details of Membership in Government Bodies/Committees:

S. No.	Details
	Founder Member : Society for Advancement of Solid State Ionics (SASS), Hyderabad, India.

Declaration:

I hereby declare that the above information given by me is true, complete and correct to the best of my knowledge and belief and that nothing has been concealed or distorted thereof.

Date: 11-10-2017

Signature

Name: Dr. S. Sripathi Rao