

CURRICULAM VITAE

P.Lalitha Saranya

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Career Objective: - To excel in the field of teaching and training through consistently improved skills and updated knowledge and pursuing research activities in the field of Space Physics.

Educational Qualifications:

| Course | Institution | University / Board | Year of passing | Percentage |
|---------------------------------|-------------------------------|------------------------------------|-----------------|------------|
| Pre-Ph. D (Space Physics) | Andhra University | Andhra University | 2010-2011 | 77.6% |
| M.Sc. (Physics) | Andhra University | Andhra University | 2006-2008 | 77.41% |
| B.Sc. | S. S. S. S. Degree College | Andhra University | 2003-2006 | 84% |
| Intermediate | Kavitha Junior College | Board of Intermediate Education | 2001-2003 | 91% |
| S.S.C. | M. R. G. H. School | Board of Secondary Education | 2001 | 87% |

Academic Achievements

- ❖ Secured 42nd rank in the AUCET-2006 in Physical science.
- ❖ Qualified HCU-2006 (in Physics).
- ❖ Recipient of ISRO-CAWSES fellowship in the year-2008.
- ❖ Qualified UGC-CSIR-Entrance exam-2009 for JRF cum Lecturer ship (NET) in Physics.
- ❖ Recipient of **UGC-JRF** fellowship in the year 2010 to till date.

Teaching experience:

- 1) Worked as Lecturer in S. S. S. S. Degree College for 6 months from May 2008-Oct 2008.
- 2) Worked as a scholar at Dept of Physics, Andhra University Visakhapatnam and taught practicals for PG students.
- 3) Working as a lecturer in Physics , Govt. College for Women, Srikakulam since 04th February 2012.

Research experience:

Worked as Junior Research Fellow in the ISRO-CAWSES Project under the guidance of Prof. D. S. V. V. D. Prasad, Department of Physics, Andhra University, Visakhapatnam during the period November 2008 –January 2010. Qualified for UGC-Junior Research Fellowship in December 2009. Pursuing PhD program under the guidance of Prof. D. S. V. V. D. Prasad, Department of Physics, Andhra University, Visakhapatnam as full time research scholar until 3rd feb 2012 and continuing the same as part time till date.

Participation in workshops / schools / conferences:

1. Participated in the **9th PLANEX work shop on “Remote sensing of Inner solar system objects”** sponsored by PRL, Ahmedabad held at University of Rajasthan, Jaipur during 5th to 9th January 2009.
2. Participated in the **Training programme on the “Mathematical algorithms and statistical analyses”** held at Andhra University, Visakhapatnam during 7th to 11th April, 2009.
3. Participated in the **4th SERC school on “Atmospheric effects on GPS and Local Area Augmentation System (LAAS)”** sponsored by DST, New Delhi held at Osmania University, Hyderabad during 17th June to 7th July 2009 and has been awarded the **excellent** grade.
4. Attended the **16th National Space Science Symposium** and presented two papers held at sourashtra university Rajkot Gujarat during the period from 24th to 27th February 2010.
5. Participated in the Workshop on **“Atmospheric Modeling for Weather and Climate Studies”** held at Department of Meteorology and Oceanography, Andhra university, Visakhatnam during the period from 22nd to 3rd July, 2010.
6. Participated in the **SERC school on “Ocean – Atmosphere interactions and Global Change”** sponsored by DST, New Delhi held at Department of Meteorology and Oceanography, Andhra university, Visakhatnam during the period from 14th July-3rd August, 2010.

7. Attended the **International workshop on “Sesimo – Electromagnetics& Atmospheric Science”** and presented two papers held at R.B.S. College, Bichapuri, AGRA during the period from 16th to 18th November 2010.
8. Participated in the Science exhibition and presented **GPS Model, Satellite Model and Scintillation Recording System** held at Andhra University during 13th February to 18th February 2011.
9. Participated in the **National Conference on Advances in atmospheric Remote sensing, Weather Prediction and Climate Change (ARWPCC-2011)**, and presented two papers held at Sri Venkateswara University, Tirupathi, India during 10-11th March 2011.
10. Participated in the Certificate Course on **“Electrical & Electronics Laboratory Equipment Maintenance and Service”** held at Andhra University during the period from 23rd to 25th September 2011.

Publications in international Journals:

1. **P. L. Saranya**, K. Venkatesh, D. S. V. V. D. Prasad, P.V. S. Rama Rao, K. Niranjana: Pre - storm behaviour of NmF₂ and TEC (GPS) over equatorial and low latitude stations in the Indian sector. **Adv. Space Res.** Volume 48, issue 2 (2011), pages 207-217.
2. K. Venkatesh, P. V. S. Rama Rao. D. S. V. V. D. Prasad, K. Niranjana and **P. L. Saranya**: Study of TEC, Slab-thickness and neutral temperature of the ionosphere in the Indian low latitude sector. **Annales Geophysicae** Volume 29, (2011), pages 1635–1645.
3. K. Venkatesh, P.V.S. Rama Rao, **P.L. Saranya**, D.S.V.V.D. Prasad and K. Niranjana: Vertical electron density and topside effective scale height (HT) variations over the Indian equatorial and low latitude stations. **Annales Geophysicae**.Volume 29, (2011), pages 1861–1872.

Additional Qualification

- ❖ MS-Office
- ❖ C Language programming.
- ❖ Software Tools – Origin, surfer, Matlab.
- ❖ Qualified all Hindi examinations from Pradhamika to Praveena through Dakshina Bharata Hindi Prachara Sabha in first class.

Extra Curricular Activities

- ❖ Got prizes in various Quiz Competitions held at school and college.
- ❖ Secured rank in All India Mathematics Talent Test.
- ❖ Got prizes in games, essay writing, story writing and elocution.
- ❖ Got prizes in classical music competitions.
- ❖ Performed different classical dance (Bharata Natyam) programs during school and college education.

Awards

- ❖ School first in X- class during 2000-2001.
- ❖ College Topper in Intermediate and B. Sc Courses during 2001-2003 and 2003-2006 respectively.
- ❖ I got University 3rd rank during 2006-2008.

Skills

- ❖ Good Observation.
- ❖ Good Practical Knowledge.
- ❖ Solving Mathematical puzzles.

Personal Profile:

Name : P. Lalitha Saranya
Sex : Female
Father Name : P. Subrahmanya Sastry
Mother Tongue : Telugu
Known Languages : Telugu, English & Hindi
Nationality : Indian
Marital Status : Unmarried
Date of Birth & Age : 30-8-1986, 25 years
Religion : Hindu
Hobbies : Reading Books, Singing and Cooking
Address for communication : P. Lalitha Saranya
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Vizianagaram – 535 002.

Declaration:

I here by declared that the above said all details are true to the best of my knowledge.

P. L. SARANYA