



Lekshmipuram College of Arts & Science  
Neyyoor- 629802



**TEACHER PROFILE**  
**Department: Physics**

1	Name	:	Dr. J. SUJA RANI		
2	Date of Birth	:	31/12/1974		
3	Educational Qualification	:	M.Sc, B.Ed, M.Phil, Ph.D		
4	Date of Appointment	:	8/08/2007		
5	Designation	:	Assistant Professor of Physics		
6	Experience (01-06-2015)	:	UG		PG 8 years
7	Communication Address with e-mail ID and contact number	:	W/O Mr. R.Pugal, Sathiavilai Veedu, Mullanginavilai. 629 157 <a href="mailto:sujapugal@gmail.com">sujapugal@gmail.com</a> 9487274867		
8	Permanent Address	:	W/O Mr. R.Pugal, Sathiavilai Veedu, Mullanginavilai. 629 157		
9	Area of specialization (Research)	:	Crystal Growth and Characterization		
10	Participation in Academic Bodies	:	NSS Officer in the year 2015		
11	Number/List of Conferences/seminar/workshop attended	:	Number : 13 List in Annexure -1		
12	Number/List of paper published in proceedings	:	Number : 3 List in Annexure - 1		
13	Number /List of paper published in Journals (National/International)	:	Number : 4 List in Annexure - 2		
14	Number /List of Books Published	:	Nil		
15	Number/ List of chapters in Books	:	Nil		
16	List of invited Talks	:	Nil		
17	Contributions as Resource Person	:	Nil		
18	List of M.Phil guided/awarded	:	Nil		
19	List of Ph.D guided /awarded	:	Nil		
20	UGC -Minor/Major, CICT, other Funding Agencies project completed /ongoing	:	Nil		
21	Participation in Orientation/Refresher course	:	Nil		
22	Any other relevant information (Co-curricular Activities)	:	Nil		
23	Membership in professional bodies	:	Nil		
24	Editorial positions	:	Nil		
25	Any other	:	Nil		

## Annexure – 1

### Participation in Seminars/Conferences/Workshop

- Participated on the “Fourth State-Level Seminar on Recent Advances in Physics’ on February 22, 2008 at Scott Christian College Nagercoil.
- Participated in the seminar on “Nano Materials, Nano, 2008”, at S.T. Hindu College Nagercoil on 13<sup>th</sup> March 2008.
- Participated in DBT Sponsored National Seminar organized by Lekshnipuram College of Arts and Science, Neyyoor on Global Warming and its impact on Environment along Indian Ocean on 22-23 August 2008.
- Participated in National Conference on Advances in Materials Science organised by Department of Physics Holy Cross College Nagercoil on 30<sup>th</sup> January 2009.
- Participated in the “National Conference on Physics of New Materials (NCPMN 2012)” Noorul Islam University 20-21 April 2012.
- Participated and presented a paper entitled ‘Growth and Structural Characterization of L-Histidine Hydrochloride-Bromide Single Crystals’ J. Suja Rani, K. Jaya Kumari, C.K. Mahadevan, Eighth All India Conference of KAAS, October 5 and 6, 2012, Page 62-68.
- Attended the International workshop on crystal Growth and Characterization of Advanced Materials and Devices held at Anna University Chennai, Dec 16-19, 2012
- Participated and presented a paper entitled “Thermal and Mechanical characterization of L-Histidine Hydrochloride Bromide single crystals”. J. Suja Rani, K. Jaya Kumari, C.K. Mahadevan National Conference on Innovative Trends in Materials Science (August 23-24, 2013) held at Arignar Anna College, Aralvoymoli.
- Participated and presented a paper entitled “Growth and Characterization of nonlinear optical single crystal: L-leucine hydrobromide (LEHBr)” J. Suja Rani, K. Jayakumari, C.K. Mahadevan Second National Seminar on New Material Research and Nanotechnology (September 25-27, 2013) held at Government Arts College, Udhagemandalam.

- Participated the intercollegiate seminar on “Radiation and its impact on the coast of Kanyakumari District” organized by Department of physics, Chemistry and Biochemistry of Lekshmipuram college Neyyoor on 13<sup>th</sup> March 2014.
- Participated and presented a paper entitled “Growth and Characterization of L-Histidine Hydrochloride single crystals” in the UGC sponsored national conference on “Emerging Trends in applied Physics NCETAP-2015” held at Lekshmipuram college of Arts and Science, Neyyoor, on 19,20 February – 2015
- Attended the Advanced Leadership Skills organized by the IQAC of Womens Christian College Nagercoil ,
- Attended the Muta Third Academic Conference “ Contemporary Issues in Higher Education” September 26, 2015, held at Sree Ayyapa College for women Chunkandadai, Nagercoil.

## **Annexure – 2**

### **Publications in International Journals**

- Growth and Characterization of semiorganic nonlinear optical LHHCl-LHB mixed crystals
- J. Suja Rani, C.K. Mahadevan, and K. Jayakumari Archives of Applied Research (2013) 5(2), 213- 221.
- Thermal. Electrical and photoconductivity properties of L-Leucine hydrobromide (LEHBr): A semiorganic nonlinear optical single crystal J. Suja Rani, K. Jaya Kumari and C.K. Mahadevan
- Archives of Applied Science Research( 2013) 5(4),127-136.
- Growth and Optical, Thermal and Electrical Characterization of LHC-LHB mixed crystals
- J. Suja Rani, K. Jaya kumari and C.K. Mahadevan, International Journal of Engineering Research and Applications (2014) 4(5), 741-751.

- Investigation on physiochemical properties of semiorganic nonlinear optical L-Lysine sulphate single crystal J. Suja Rani, C.K. Mahadevan, and K. Jaya kumari Pelgia Research Library, Advances in Applied Science Research, 2013, 4(2); 286-297.