



Lekshmipuram College of Arts & Science
Neyyoor- 629 802



TEACHER PROFILE
Department: PHYSICS

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|----|---|---|--|--------|----|---------|
| 1 | Name | : | T. VIJAYA KUMARI | | | |
| 2 | Date of Birth | : | 02/06/1980 | | | |
| 3 | Educational Qualification | : | M.Sc., M.Phil., | | | |
| 4 | Date of Appointment | : | 09/07/2007 | | | |
| 5 | Designation | : | Assistant Professor | | | |
| 6 | Experience (01-06-2015) | : | UG | 3years | PG | 8 years |
| 7 | Communication Address with e-mail ID and contact number | : | W/O Mr. M. Krishna Thangam Chettiar madam, Valia Vilai, Neyyoor (P.O) 629 802. K.K. District, tvijayadonny@gmail.com , 9626088707 | | | |
| 8 | Permanent Address | : | Chettiar madam, Valia Vilai, Neyyoor (P.O) 629 802. K.K. District. | | | |
| 9 | Area of specialization (Research) | : | Crystal growth and characterization | | | |
| 10 | Participation in Academic Bodies | : | Nil | | | |
| 11 | Number/List of Conferences/seminar/workshop attended | : | Number : 7 , List in Annexure -1 | | | |
| 12 | Number/List of paper published in proceedings | : | Nil | | | |
| 13 | Number /List of paper published in Journals (National/International) | : | Number : 3 , 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

1. Attended the “National Conference on Physics of New Materials (NCPMN 2012)” at Noorul Islam University, April 20-21, 2012.
2. Attended the International workshop on “Crystal Growth and Characterization of Advanced Materials and Devices” held at Anna University Chennai, Dec 16-19, 2012.
3. Participated and presented a paper entitled “Growth and characterization of pure and cobalt doped strontium tartrate single crystals” in the Second International Conference of KAAS-2013 held at Sree Ayyappa college, Chunkankadai, on Sept 21, 2013.
4. Participated and presented a paper entitled “Growth by gel technique and characterization of pure and manganese doped strontium tartrate single crystals” in the National Seminar on “Recent trends in material science TRIMS-13” held at Sarah Tucker college, Tirunelveli on October 18, 2013.
5. Participated and presented a paper entitled “Growth and structural, optical, mechanical, thermal and electrical properties of pure and cobalt doped strontium tartrate crystal” 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.
6. Participated and presented a paper entitled “Effect of manganese doping on the structural, chemical and electrical properties of strontium tartrate tri and tetrahydrate single crystals” in the “Tenth All India Conference of KAAS” 18, 19 September 2015 held at Women’s Christian College, Nagercoil.
7. 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

1. Optical and mechanical properties of pure and manganese doped strontium tartrate tetrahydrate single crystals. IJERA, V4, I2, Feb -2014, P47.
2. Growth and physical properties of pure and manganese doped strontium tartrate trihydrate single crystals. IJRET, V3, I7, July 2014.
3. Effect of cobalt doping on the structural and physical properties of $\text{SrC}_4\text{H}_4\text{O}_6 \cdot 3\text{H}_2\text{O}$ and $\text{SrC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$ crystals. IJMER, V4, I12, Dec 2014.