



**Lekshmipuram College of Arts & Science**  
Neyyoor- 629802



**TEACHER PROFILE**  
**Department: PHYSICS**

	Name	: <b>Dr. P.V. RADHIKA</b>
2	Date of Birth	: 08-06-1975
3	Educational Qualification	: M.Sc. , M.Phil., Ph.D
4	Date of Appointment	: 02-07-2008
5	Designation	: Assistant professor in Physics
6	Experience (01-06-2015)	: UG PG 7 years
7	Communication Address with e-mail ID and contact number	: Dr. P.V. Radhika, Assistant Professor in Physics, Lekshmipuram College of Arts & Science Neyyoor-629802, Tamilnadu radjit@gmail.com 9486857141
8	Permanent Address	: Dr. P.V. Radhika, W/O S.K. Ajith Kumar, 18/29, KARTHIKA, Amala Convent Jn., Thuckalay 629175.Kanyakumari district, Tamilnadu 9486857141
9	Area of specialization (Research)	: Crystal Growth And Characterization
10	Participation in Academic Bodies	: Nil
11	Number/List of Conferences/seminar/workshop attended	: Number : 6 List in Annexure -1
12	Number/List of paper published in proceedings	: Number : 4 List in Annexure - 1
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**

- Participated in the “National Conference on Physics of New Materials (NCPMN 2012)” Noorul Islam Univerisity 20-21 April 2012.
- Participated and presented a paper on the topic “Growth and Characterization of HCl doped L-arginine acetate crystals” in the All India Conference of the Kanniyakumari Academy of Arts and Sciences Conference (2012) held in Sree Ayyappa College, Chunkankadai on Sept. 12 2012.
- Attended and presented a paper on the paper, “On the Growth of Oxalic Acid Doped L- arginine acetate Single Crystals “ in the XVII National Seminar on Crystal Growth [2013] held in Anna University, Chennai.
- Attended and presented a paper on the topic “Effect of Formic Acid on the Growth, Structural and Optical Characterization of L- arginine acetate Single Crystals In the 3<sup>rd</sup> National Conference on Advanced Materials [3<sup>rd</sup> NCAM-2013] held in PSN College of Engineering, Melathediyoor, Thirunelveli.
- Participated and presented a paper entitled “Thermal, Optical and Mechanical Properties of HCl doped L-arginine acetate Crystals” in the National Seminar on New Materials Research and Nano Technology [NSNMRN 2013] held at Government College of Arts and Science, Ooty.
- 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 pure and oxalic acid doped L-arginine acetate single crystals P.V. Radhika, K. Jayakumari and C.K. Mahadevan International Journal of Engineering Research and Applications (2013) 3(6), 1841-1849.
- Effect of formic acid as a dopant in tuning the physical properties of L-arginine acetate.P.V. Radhika, K. Jayakumari and C.K. Mahadevan International Journal of Engineering Research and Technology (2014) 3(5), 136-144.
- Formation and properties of L-arginine acetate single crystals doped with hydrochloric acid.P.V. Radhika, K. Jayakumari and C.K. Mahadevan International Journal of Research Engineering and Technology .