

Faculty Profile

1. **Name :** *Dr. N. Lavanya*
2. **Designation:** *Assistant Professor OF Physics*
3. **Department:** *Physics*
4. **Age & DOB :** 39 & 04.05.1983
5. **Date of first appointment :** 10.04.2007
6. **Date of joining in govt. service :** 28.02.2008
7. **Educational Qualification**



Degree / Diploma / Certificate	Subject	Name Of The Institution	Year Of Passing	Remarks
BSc	Physics	Seetha Lakshmi Ramaswamy College, Trichy	2003	Distinction
MSc	Physics	Bishop Heber College Trichy	2005	1 st Class
M.Phil	Physics	Bharathidasan University, Trichy	2007	1 st Class
B.Ed	Physical Science	Dhanalakshmi Srinivasan College, Perambalur	2006	Distinction
M.Ed	Physical Science	Bharathidasan University, Trichy	2007	1 st Class
M.Phil (Edu)	Physical Science	Tamil University, Thanjavur	2009	1 st Class
PGDEA	-	Bharathidasan University, Trichy	2007	1 st Class
Ph.D	Physics	Seetha Lakshmi Ramaswamy College, Trichy	2015	Highly Commended

8. **Academic/Teaching Experience**

S. NO.	INSTITUTION	FROM – TO
1.	<i>Indra Ganesan College of Education, Trichy</i>	10.04.2007-27.02.2008
2.	<i>ADM College for Women (A) Nagapattinam</i>	<i>28.02.2008 to Till date</i>

9. *Area of specialization: Materials Science*

10. *Area of Research Interest: Materials Science & Biomedical Applications*

11. *Research Guidance- 2*

12. *Academic Honours and Awards: Tamil Sudar Viruthu*

13. *Seminars/Conferences/Workshops Organized*

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
<i>1</i>	Two days National Webinar on “Open Educational Resources and Research Metrics”- A Report	<i>ADM College for Women (A) Nagapattinam</i>	<i>05.06.2020& 06.06.2020</i>

14. *Membership in Academic/Professional Bodies:*

- Board of studies Member in Physics board A.D.M. College for Women (Autonomous), Nagapattinam.
- Internal Quality Assurance Cell Member, A.D.M. College for Women (Autonomous), Nagapattinam.
- Examiner in M.Sc., Physics board, Bharathidasan University, Thiruchirappalli.
- Question Paper Setter and Examiner in Autonomous Colleges.
- Member of the Career Guidance Cell , A.D.M. College for Women.
- Member of the Water Maintenance Committee, A.D.M. College for Women.
- Acted as chief superintendent in B.Ed / M.Ed degree Examination in Tamil nadu Teacher Education University, Chennai during 28.5.13 TO 12.6.13.
- Acted as a coordinator in Skill Initiative Programme (SIP).
- Acting as a placement coordinator.

15. *Campus Leadership:*

- Acted as a Dean Infrastructure
- Member in Discipline Committee

16. *Seminars/Conferences/Workshops attended*

S. NO.	PROGRAMMES	ORGANIZED BY	DATE
<i>1.</i>	Attended Two Days Programme on English Communication Programme and Management"	A.D.M. College for WomenNagapattinam,	26.07.2019.

2.	Attended One Day Seminar on NAAC- Overview& Functioning of IQAC”-	A.D.M. College for Women Nagapattinam,	15.02.2020.
3.	General Awareness Online Quiz on COVID-19	Government Arts College , Salem,	13.05.2020
4.	Indian Summer School on Crystal Growth (ISSCG-2020)	SSN Institution, Chennai,	14.05.2020 – 23.05.2020
5.	Two Days Webinar on LATEX	Idhaya College for Women, Kumbakonam,	15.05.2020 & 16.05.2020
6.	Indian Epigraphy with Special Reference to Tamilnadu	Alagappa University, Karaikudi,	15.05.2020 – 17.05.2020
7.	Micro Nano and Atomic Scale Approaches in Electronic	Erode Arts & Science College (Autonomous) , Erode,	21.05.2020
8.	Webinar on Astronomy and Astrophysics entitled “ The Universe: Reaching Through Radiowaves	Karanya Institute of Technology and Science, Coimbatore,	29.05.2020
9.	Business Challenges and Opportunities	A.D.M College for Women,(Autonomous)	12.06.2020
10.	NAAC Assessment and accreditation process for universities”Organized by Internal Quality Assurance Cell(IQAC)	Sathyabama Institute of Science and Technology,	13.06.2020.
11.	National Webinar on “The Effects of Covid-19 on Fiscal Federalism in India Issues and Challenges	A.D.M. College for Women, (Autonomous), Nagapattinam,	24.07.2020
12.	National Webinar on “Test Trial and Triumph of Women” Organized by Human Rights Club	A.D.M. College for Women, (Autonomous), Nagapattinam,	27.07.2020
13.	“Online Quiz	The American College, Madurai,	20.05.2020
14.	National Colloquium on Bio vision. -	Sir Issac Newton College of Arts & Science College.	28.02.2020
15.	Attended One Day Seminar on “NAAC- Overview & Functioning of IQAC”-	A.D.M. College for Women (Autonomous), Nagapattinam, on 15 th February 2020 under the UGCPARAMARSH Scheme.	22.05.2020

16.	“Online Quiz”- Sir Issac.	Newton College of Engineering & Technology, Pappakovil,	2020
17.	“Online Quiz	”- A.D.M College for Women,(Autonomous) Nagapattinam-	23.05.2020
18.	“Physics Webinar Series”-	Justice Basheer Ahmed Sayeed College for Women, Chennai	26.05.2020 – 28.05.2020.
19.	“Online Quiz”-	A.D.M College for Women, (Autonomous) Nagapattinam,	27.05.2020
20.	“Two Days National Webinar on “ open Educational Resources and Research metrics”	A.D.M College for Women, (Autonomous)Nagapattinam, ,Artificial Intelligence in year 2020 and its application-Queen Mary’s College Chennai, 05.06.20.	05.06.2020 & 06.02.2020
21.	“One day International Webinar. Nanomaterials for Smart and Sustainable Energy Solition”,	Rayatshikshansanstha’s mahatma phule Arts, Science, Commerce college PANVEL,	08.06.2020
22.	“National Level Webinar Fiber Optic Communication”-	Queen’s College of Arts and Science for Women, near Thanjavur Gandarvakottai, Pudukottai,	09.06.2020.
23.	“Online Quiz”	Annai Women’s College Arts Science Punnamchatran, Karur,.	11.06.2020
24.	“National Webinar on oral cancer”	A.D.M College for Women (Autonomous)	17.06.2020
25.	Attended Two days Programme on “English Communication and Classroom Management”-	Jade Training Resources- Bangalore, A.D.M. College for Women Nagapattinam,	13 th &14 th July, 2019
26.	Participated “Science Day Celebration PHYS SRIJAN-2020”	Arignar Anna Govt. Arts & Science College, Karaikal	2020
27.	Attended One Day Seminar on “NAAC- Overview & Functioning of IQAC-	A.D.M.College for Women (Autonomous), Nagapattinam, under the UGC PARAMARSH Scheme	15 th February 2020

17. Orientation/Refreshment Courses

S. NO.	PROGRAMMES	THEME	ORGANIZED BY	YEAR
1.	Attended an Orientation course	-	• Bharathidasan University, Tiruchirappalli.	16.12.2008 to 12.1.2009 at
2.	Attended Refresher Course on Physics from	Physics	Bharathidasan University, Tiruchirappalli.	20.11.2012 to 10.12.2012
3.	Attended Refresher Course on Material Science	Material Science	Bharathidasan University, Tiruchirappalli.	02.11.2016 to 22.11.2016
4.	UGC-Sponsored Refresher Courses in Physics-	Physics	Bharathidasan University, Tiruchirappalli,	23.10.2019 to 5.11.2019.

18. Papers Presentation

S. NO.	NAME OF THE PAPER	ORGANIZED BY	DATE
1.	International Conference “Integrating Technology for Enhanced Learning”	Bharathidasan University, Trichy.	27.3.08 & 30.3.08.
2.	“Comparative Studies of Growth and Glycine Hydrochloride Crystals”	National College, Trichy	25.10.2008 & 26.10.2008.
3.	Studies on Growth and Characterization Analysis Pure and	Instrumentation Techniques Applied to Chemical Sciences” sponsored by Indian Association of Chemistry	2 nd , 3 rd , April, 2009.

	Doped L-Tararic Acid Single Crystals for NLO application	Teachers and organized by the Department of Chemistry A.D.M.College for Women, Nagapattinam,	
4.	Studies on Growth and Characterization Analysis Pure and Doped L-Tararic Acid Single Crystals for NLO application	National Seminar on “Instrumentation Techniques Applied to Chemical Sciences” sponsored by Indian Association of Chemistry Teachers and organized by the Department of Chemistry. A.D.M.College for Women, Nagapattinam,	2 nd , 3 rd , April, 2009.
5.	Application of Remote Sensing in Agriculture” ,	National Seminar sponsored by UGC and organized by the Dept. of Physics, A.D.M.College for Women, Nagapattinam	3 rd , 4 th , July 2009
6.	The Role of Women in Economic Development	National Seminar sponsored by UGC and organized by the Dept. of Economics, A.D.M.College for Women, Nagapattinam,	24, 25 th , July 2009
7.	Growth and Characterization of KDP And ADP Mixed Crystals	International conference on Thin films & Applications (ICTFA-2012) Organized by school of Electrical & Electronics Engineering, SASTRA University, Thanjavur,	March 15 th & 16 th 2012.
8.	“Micro Finance Challenges Faced By SHGS”	National Conference on Micro Finance- A Performance Appraisal sponsored by UGC organized by the Department of Economics A.D.M.College for Women, Nagapattinam,	30 th & 31 st March, 2012

9.	“Studies on growth , structural, optical and mechanical properties of ADP-KDP mixed crystals doped EDTA”	National seminar on recent trends in crystal growth and Nano materials (NSCGNM-2012) sponsored by UGC and organized by PG and Research Department of Physics	2012
10.	Current and Future Needs for Green Chemistry Education”	National Conference on Green Chemistry and its Global Perspectives sponsored by UGC and CRSI organized by the Department of Chemistry A.D.M.College for Women, Nagapattinam,	8 th & 9 th March , 2013.
11.	“Growth and Characterization of KDP And ADP Mixed Crystals”	National conference on Advanced materials and applications (NCAMA-2013) Organized by Department of Physics National Institute of Technology,Tiruchirappalli	4 th & 5 th Aril 2013.
12.	Thermal,dielectric studies on pure and L- Arginine doped KDP single crystals in different proportions,	National conference on perspective in Material Science (NCPMS – 2013) organized by PG Department of physics, Government Arts college for women, Pudukkottai Tamilnadu during	6 th and 7 th August 2013.
13.	Thermal dielectric studies on pure and EDT A doped KDP- ADP mixed crystals,	International seminar on crystalline Materials and opto electronic Device sponsored by UGC and organized by the PG and Research Department of Physics, Jamal Mohamed College, Trichy	• 03.02.2014.
14.	UGC sponsored National seminar on Environmental concerns reflected in Indian Writing in	Eco-constiousness reflected in the fictional world of R.K.Narayanan’s Malgudi,	Apr 10 th & 11 th , 2014

	English and organized by the Research Department of English, “A.D.M.College for Women, Nagapattinam, on Apr 10 th & 11 th , 2014		
15.	Optical and structural properties of Cds thin flim synthesis by chemical bath deposition technique-	International Conference On Recent Advances In Materials Science ICRAMS -2020, Central University of Tamilnadu Thiruvarur	25.02.2020

19. Papers Publications

S.No	Article	Name of the Journal	Year
1.	Effect of L-Arginine on the Growth of KDP Crystals	Research Review International Journal of Multi Disciplinary, Volume – 04 Issue 04, ISSN NO : 2455-3085	2020
2.	Studies on the growth and characterization of L-Arginine Pottassium Iodide Crystals by slow evaporation solution growth method	Science Direct ELSEVIER,	
3.	Influence of Sodium Bormide on the growth of Succinic acid crystals	Science Direct ELSEVIER https://doi.org/10.1016/j.matpr.2021.07.337	2020

4.	Growth and characteristics of Pottassium Dihydrogen Phosphate with L- Arginine as Dopant”,	International Journal of Chemistry, Environment and Technology vol 1 issue(74-77).“	April 2013
5.	Growth of KDP and ADP doped EDTA Crystal and its Characterization”	International Journal of Chemistry, Environment and Technology issue vol2(46-55)	April 2013
6.	Synthesis , Characterization and Crystal Structure of a New Mixed Crystal of KDP And ADP With DMG As Dopant” June 2013	International Recognition Research Journal Review of Research Volume II Issue X (20-28	2013
7.	Thermo-Acoustic and Spectroscopic study of Polymer salt in non-aqueous Medium using ultrasonic velocity	National Journal of Acoustic society of India” vol 38 ,2 Issue No 973-3302,	2011
8.	Optical and Mechanical Properties of KDP – ADP Mixed Mistrals,	International Journal for Research in Applied Science & Engineering Technology Vol 4, Issue IX, ISSN No:2321-9653	September 2016.
9.	Effect of L-Arginine on the Growth of KDP Crystals	Research Review International Journal of Multi Disciplinary, April 2019 ISSN NO : 2455-3085(Impact factor: 5.214)	2016