

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

- 1. Name** : D.DEVI
2. Date of Birth :22.07.1988
3. Address :

Residential	Office
No:45A, Indira nagar, Kottapattu, Trichy-620004	PG & Research Department of Physics, Cauvery college for women, Trichy- 620018.

ACADEMIC INFORMATION

- 4. Designation & Department** : Assistant Professor, Department of Physics.

- 5. Educational Qualification** :

Degree	Year	College/University
Ph.D.,	2023	St.Joseph's College, Trichy.
M.Phil.,	2011	St.Joseph's College, Trichy.
M.Sc.,	2010	Holy Cross College ,Trichy
B.Sc.,	2008	Holy Cross College ,Trichy

- 6. Researcher ID:**

Google Scholar : <https://scholar.google.com/citations?hl=en&user=74n30aUAAAJ>

Scopus : 57480536600

Web of Science : ABC-7138-2022

Orcid : <https://orcid.org/0000-0002-7036-8199>

Vidwan : <https://vidwan.inflibnet.ac.in/profile/206066>

Publons: <https://publons.com/researcher/3364136/devi-d/>

Mendeley: <https://www.mendeley.com/search/?page=1&query=DEVI%20D&sortBy=relevance>

- 7. Experience** :

Date of Joining	Institution	Year of Experience
18.07.2011	Jayaraj Annapackiam College for women, Theni.	2 Years
12.06.2013	Cauvery College For Women (Autonomous) , Trichy	10 Years

8. Areas of Specialization : Liquid State Physics, Vibrational Spectroscopy**9. Languages known : Tamil, English****10. Subjects Taught :**

UG	Thermal Physics and Statistical Mechanics, Applied physics I , Opto Electronics and Fiber Optic Communication, Applied physics III, Digital Electronics, Programming in C Optics & Spectroscopy, Elements of theoretical Physics, Atomic and Molecular Physics, Communication Physics.
PG	Solid State physics, Atomic And Molecular Spectroscopy, Introduction to NanoScience & Nanotechnology, Microprocessor and Communication Electronics, Mathematical Physics, Nuclear Physics
M.Phil	Nil

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
Journal of the Indian Chemical Society Volume 99 Issue 04	April - 2022	ISSN: 0019- 4522	Spectroscopic (FTIR, UV-Vis, NMR) investigations, DFT predictions of global reactivity descriptors and efficient corrosion inhibitors of N-carbobenzoxy-L-Valine Succinimidyl Ester	0.284
Journal of the Indian Chemical Society Volume: 99 Issue 04	April -2022	ISSN: 0019- 4522	Spectroscopic investigations (FTIR, UV-VIS, NMR) and DFT calculations on the molecular structure of N ω -Nitro-L-arginine	0.284
Stochastic Modeling and Applications,	2022, 26(January- June , Special Issue Part- 2)	ISSN:09 72-3641 G-I	Molecular conformation, electronic transitions and Spectroscopic (FT-IR, UV-Vis) characterization of N-Carbobenzoxy-L -Valine : A DFT approach	-
Stochastic Modeling and Applications,	2022, 26(January- June , Special Issue Part- 2)	ISSN:09 72-3641 G-I	Investigations On N α -Carbobenzoxy -L-Arginine By NMR Spectroscopy, DFT And Molecular Docking Studies	-

Stochastic Modeling and Applications,	2022, 26(January-June , Special Issue Part-2)	ISSN:09 72-3641 G-I	Molecular Structure, Vibrational, Uv-Vis, Homo-Lumo, MEP, NLO, NBO Analysis of N ^α -Carbobenzoxy -L-Arginine	-
International Research Journal of Engineering Technology (IRJET) Volume 04 Issue 09	Sep 2017		Thermo-Acoustical Molecular Interaction Studies in Binary Liquid Mixtures by Ultrasonic Velocity Measurement (Diethylamine+n-Butanol) At 303.15K	5.181
International Research Journal of Engineering Technology (IRJET) Volume 04 Issue 09	Sep 2017		Acoustical and Thermodynamical studies in ternary liquid mixtures of Ethylene Glycol, Glycerol and Octanol at 303.15 K	5.181
International Journal of Scientific Research in Science and Technology(IJSRST) Volume 03 Issue 11	Dec 2017		Investigation of molecular interaction in binary liquid mixtures of anisole with methyl isobutyl ketone at different temperatures	5.327
International Journal of Scientific Research in Science and Technology(IJSRST) Volume 03 Issue 11	Dec 2017		Ultrasonic and Viscometric Studies of Molecular Interaction In Binary Liquid Mixtures of Propylene Glycol and Dimethyl Sulphoxide at Various Temperatures	5.327

12. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
5 th & 6 th FEB 2013	Jayaraj Annapackiam College For Women	National Conference on Recent Trends in Advanced Materials	Synthesis and Characterization Of Lithium lactate Doped KDP Crystals
4 th Agust 2017	Mother Teresa Women's University, Kodaikanal	ISMST 2017	Acoustical and Thermodynamical studies in ternary liquid mixtures of Ethylene Glycol, Glycerol and Octanol at 303.15K
14-15 Dec 2017	St. Joseph's College, Trichy.	ICAM 2017	Investigation of molecular interaction in binary liquid mixtures of anisole with methyl isobutyl ketone at different temperatures
04-06 February 2019	Bishop Heber College, Trichy	ANEH 2019	Identification of molecular interactions and acoustical study of binary mixtures of anisole with dimethyl sulfoxide at various temperatures.
28 th February 2019.	St. Joseph's College, Trichy.	IWCAM-2019	The study of physicochemical properties of binary liquid mixtures of dimethyl sulfoxide with acetonitrile through ultrasonic velocity measurement Technique
11 & 12 th of February 2022	St. Joseph's College, Trichy.	International Conference on Advanced Material-2022	Spectroscopic and DFT studies on the molecular structure and molecular docking studies on N- Carbobenzoxy-L-Valine- Succinimidyl Ester

13. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International
12-14th Jan 2011	St. Joseph's College, Trichy.	INDO-US workshop on nanoscience and ultrasonics (IUWONU-2011) & (ICNU-2011)	International

5 th & 6 th FEB2013	Jayaraj Annapackiam College For Women, Theni	National Conference on Recent Trends in Advanced Material	National
15th Feb 2017	Jamal Mohamed College ,Trichy	NLS-RAM 17	National level
4 th Aug 2017	Mother Teresa Women's University, Kodaikanal	ISMST 2017	International
14-15 Dec2017	St.Joseph's College, Trichy.	ICAM 2017	International
04-06 Feb2019	Bishop Heber College, Trichy	ANEH 2019	International
28 th Feb 2019.	St.Joseph's College, Trichy.	IWCAM-2019	International
16 th May 2020	Department of Science and Humanities, Karapagam College of Engineering, Coimbatore.	Webinar on Methods and Tools for Qualitative Research Writing	National
03- 07 th June 2020	Faculty of Management Studies, Noorul Islam Centre for Higher Education(Deemed to be university) Kumarakoil	Faculty development Program, Webinar on Applications of Tools and Techniques in Research Methodology	International
8 th June 2020	Jayaraj Annapackiam College for women, Periyakulam	Webinar on Functional Properties and Bandgap Engineering of ZnO- GaN Alloys.	National

14. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
24 th June to 7 th July of 2020	Online refresher course on science academics	PG&Research department of Chemistry &Physics , A.P.A College of arts and culture

15. Details of Incharge / Participation in Extracurricular Activities :**(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):**

Nature of Activity	Period of Incharge
Hale Bopp Club In charge	2016-2017
Department Placement In charge	2017-2019
Department cultural In charge	2022-2023

16. Details of Membership in Academic Bodies/ Board of Studies:- Life member of Indian society of systems for science and engineering(ISSE)