

Dr. T. Gayathri
Assistant Professor
Department of Chemistry
Dr.Ambedkar Govt. Arts College
Chennai-600 039,Tamil Nadu, India
E-mail: gayukrishnan27@gmail.com

Personal Details

DATE OF BIRTH : 27.6.1981

ADDRESS FOR COMMUNICATION : NO-238
IMAYAM COLONY, 2nd STREET
ANNA NAGAR WEST EXTENSION
CHENNAI – 600 101.

PERMANENT ADDRESS : -DO-

CONTACT NUMBER : 9080282310

DATE OF APPOINTMENT IN GOVT,
SERVICE : 13/10/2008

DATE OF JOINING : 13.10.2008

DATE OF RETIREMENT : 30.06.2041

Academic Qualification

B. Sc., Chemistry	April 2001	Muthurangam Governemnt Arts College, Vellore	Chemistry/ I class
M. Sc., Chemistry	April 2003	Muthurangam Governemnt Arts College, Vellore	Chemistry/I class
M. Phil. Chemistry	August 2004	Thiruvalluvar University, Vellore	Chemistry
PhD Chemistry	March 2021	Thiruvalluvar University, Vellore	Chemistry

Teaching Experience

- UG – 13 Years and 10 Months
- PG – 12 Years and 10 Months

College/University	Post Held	Period
Government Thirumagal Mills college, Gudiyatham, Thiruvalluvar University.	Assistant Professor	13.10.2008 to 3.06.2009
Muthurangam Government arts college Vellore. Thiruvalluvar University.	Assistant Professor	1.7.2009 to 12.8.2013
Dr. Ambedkar Government Arts college, Chennai, University of Madras	Assistant Professor	13.8.2013 to Till date

Area of Specialization : Inorganic Chemistry and Nano Chemistry

Research Supervisor

- Guided M.Phil., Projects :

Number of guided projects : 2

On Going M.Phil project : 1

Publications :

International/National Journals

1. Stains for Developing TLC plates, T. Gayathri, International Journal for Advanced research in engineering and technology, Volume 5, page (79-83) 2014, ISSN NO-0976.
2. Multidisciplinary applications of semiconductor metal sulfide nanoparticles, T. Gayathri, International journal for multidisciplinary research and review, ISSN NO-2349 – 6738.
3. Mesoporous zirconia nanostructures embedded Polyvinylidene difluoride conducting films for EMI shielding applications, Dr. T. Gayathri, Materials today proceedings, 2214-7853, 2022 Elsevier Ltd.

• International/National Conference Proceedings

Paper Presented in Conference / Workshop

1. Presented a paper entitled “ Synthesis and characterization of polyvinyl alcohol capped cadmium sulphide Nano particle”, in 2nd National seminar on the concept of green chemistry, April 18, 2015, conducted by valliammai engineering college, SRM nagar, Kattangulathur.
2. Presented a research paper on “Preparation and characterization of highly conductive gold Nano particle headed MWCNT dispersed PVDF films”. In National seminar on “Advanced Polymer, A Gateway to Research (APGRI) 2016”, held on 22nd and 23rd September 2016, organized by the Department of chemistry at Meenatchi college for women (Autonomous) Chennai -24.
3. Presented a paper on entitled “ Investigation of hexavalentchromium removed from industrial waste in at international conference on science technology and engineering (ICONSTEM – 2017) “ held in Jeppiaar Engineering College on 23rd and 24th March 2017.

Participation in Conference / Workshop

1. Participated in one day state level seminar on “Emerging trend on chemistry”, held on 3rd December 2011, at Muthurangan Government arts College.
2. Participated in the national conference on Recent advances in Nano Technology, conducted during the diamond jubilee celebration of justice basheer syed college for women (autonomous on 21st January 2015.
4. Attended faculty development program on characterization of material conducted by Sairam Institute of Technology on 20th and 21st july 2017.
5. Attended National conference on Recent advances in material science and technology conducted by department of chemistry, Ethiraj College for women, on 12th and 13th February 2018.
6. Participated in two days national conference on Emerging trends in nanomaterial conducted by department of physics on 24th and 25th February 2019, department of physics, Dr. Ambedkar Government Arts college.
7. Attended a 5 days online faculty development program on advanced material and Their application organized by Department of Chemsitry, Auxillium College, Vellore, from 2/6/2020 to 6/6/2020.
8. Participated in virtual international webinar on smart topic in chemistry conducted By Government Arts college trichy on june 1st and 2nd 2020.
9. Participated in one day webinar in Internal quality assurance cell conducted by L.N Government college, ponneri on 17/6/2020.

10. Participated in one day webinar on natural Bio material for bio medical application held on 8th June 2020, conducted by C.Abdul Hakeem Melvisharam.
11. Participated in international webinar on medical chemistry organized by department of chemistry on 5/6/2020, Department of chemistry, Dr. Ambedkar Government Arts college.
12. Attended one day webinar on Top notch training on proposal writing conducted by department of chemistry, chellamal women's college , Chennai on 28th may 2020.
13. Participated in the webinar titled metal complexes to metal nano particle for efficient catalysis organized by pool of chemical and bio technology, Sasthra deemed university on 28/5/2020.
14. Attended one day webinar on impact of lockdown on environmental issues organisaed by department of chemistry, Anand Institute of Higher technology Chennai, on 22/5/2020.
15. Participated in international conference on trans disciplinary and innovative research in science organised by the department of science, thiruvalluvar university vellore from 26th to 28th february 2020.

Refresher and Orientation Courses

COURSE	NAME OF ASC	FROM	TO
Orientation	UGC – Academic staff college, University of Madras	13.10.2008	8.11.2008
Refresher 1	UGC – Academic staff college, University of Madras	10.7.2013	30.7.2013
Refresher 2	UGC – Academic staff college, University of Madras	7.7.2015	27.7.2015
Refresher 3	UGC – Academic staff college, University of Madras	23.8.2018	12.9.2018
Refresher 4	UGC HRDC, Pondicherry University	15.7.2021	28.7.2021

Additional Responsibilities

1. Rusac Coordinator in the department of chemistry at Government Thirumagal Mills college during the year 2008 to 2009.
2. Cultural coordinator at Muthurangam Government college during the year 2011 to 2013.
3. Question paper setter for DG Vasihnava college, Arumbakkam Chennai during the academic year 2016 – 2017.
4. Served as an External Examiner for autonomous valuation for DG Vaishnava college, Arumbakkam and Chennai during the academic year 2016-2017.
5. Organizing Committee member for conducting seminar and conferences, Intercollegiate events in DR. Amnbedkar Government Arts college, Chennai for the past four years 2013 – 2017.
6. Question paper setter for DKM college for women , Vellore during the academic year 2009 – 2013.

7. Question paper setter for Bharathi women's college from 2015 onwards.
8. Question paper setter for Gurunanak College.
9. Purchase committee coordinator in the department of chemistry Dr.Ambedkar Government Arts College from 2019 onwards.
10. IQAC member for the year 2019 to 2021 in Dr.Ambedkar govt arts college.
11. NAAC committee member during the academic year 2022.

Awards

Awarded with a cash amount of Rs. 15,000 for Best paper presentation on "Preparation and characterization of highly conductive gold Nano particle headed MWCNT dispersed PVDF films".in the National seminar on "Advanced Polymer, A Gateway to Research (APGRI) 2016", held on 22nd and 23rd September 2016, organized by the Department of chemistry at Meenakshi college for women (Autonomous) Chennai -24.