

## CURRICULUM VITAE

**Dr.G.D.Gayathri**  
**Assistant Professor**  
**Department of Chemistry**  
**UCE – BIT Campus, Tiruchirappalli 620 024**  
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➤ **Research Area:**

- Material science
- Environmental chemistry
- Energy

➤ **Educational Qualifications:**

<b>Qualification</b>	<b>College/University</b>	<b>Year of completion</b>	<b>Percentage</b>	<b>Class</b>
Ph.D. (CHEMISTRY)	ANNA UNIVERSITY CHENNAI	AUG. 2020		
M.Phil. (CHEMISTRY)	BHARATHIDASAN UNIVERSITY TIRUCHIRAPPALLI	MAY.2006	65.8 %	First Class
M.Sc (CHEMISTRY)	ANNAMALAIUNIVERSITY CHIDAMBARAM	DEC. 2003	60.5%	First Class
B.Sc (CHEMISTRY)	ARIGNAR ANNA GOVERNMENT ARTS COLLEGE,VILLUPURAM, UNIVERSITY OF MADRAS CHENNAI	APR.2001	64.78 %	First Class

**Experience:** (chronological order)

<b>Name of Company / Institutions</b>	<b>Designation of Post</b>	<b>From</b>	<b>To</b>	<b>Experience in Year</b>
UNIVERSITY COLLEGE OF ENGINEERING, BITCAMPUS,ANNA UNIVERSITY,TIRUCHIRAPPALLI	Assistant Professor	30-09-2009	Till date	14yrs
ARIGNAR ANNA GOVERNMENT ARTS COLLEGE, VILLUPURAM	GUEST LECTURER	04-01-2005	22-09-2009	4yrs 9 months

### **Additional / Academic Responsibilities at University:**

- Anti Ragging Committee member from 2011 - 2012
- Hobbies club member from 2010 - 2011
- Department TEQIP Coordinator from 2014 - 2016
- Department AICTE Coordinator from 2014 – till date
- Department Cultural Coordinator from 2020 – till date
- SAP – GREENERY Coordinator from 2020 – till date
- Centre for Development of Tamil in Engineering and Technology Coordinator from 2023 onwards

### **Membership of Scientific and Professional Societies:**

1. Life Membership in Materials Research Society of India (MRSI).
2. Life Membership in Indian Council of Chemists.

### **Publications:**

#### **a. Books / book chapters:**

1. G D GAYATHRI K KANIMOZHI 2022 Women in IN Social, Political and Economic Arena,women in independent india@75Editor in chief Dr.K.saileela Vol. No :1 Page No:110-129, Rubicon publications  
ISBN: 978-1-913482-26-8
2. G D GAYATHRI K KANIMOZHI ,2022 Psychological,Mental and Emotional Violence on Women,women in independent india@75 Editor in chief Dr.K.saileela Vol. No :1 Page No:47-57 , Rubicon publications  
ISBN: 978-1-913482-26-8

#### **b. International Journals:**

1. **Gayathri GD, Manikandan K & Thiruneelakandan R, 2019**, 'Preparation and effect of complexing agents on ternary FeZnS<sub>2</sub> thin films by chemical bath deposition method for photo catalytic degradation of dye molecules', Journal of Materials Science: Materials in Electronics,vol.30, no.6, pp.6023–6036, ISSN: 0957-4522 (**Impact Factor: 2.8**).

#### **c. National Journals:**

G D GAYATHRI, R THIRUNEELAKANDAN 2022 Effect of Photodegradation on Ternary FENIS<sub>2</sub> Thin Film With Complexing Agents EDTA and Leishmanstain "ASIAN JOURNAL OF CHEMISTRY" Vol. No 34 Page No 3279-3285 ISSN No. 0970-7077 Impact Factor 0.158

### **List of Seminar / Short Term Course /FDP/ Workshop organized:**

1. TEQIP II sponsored National Seminar on “Modern trends in Chemistry, as **Co-coordinator** 17-18 Dec, 2013 at Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli-620024.
2. Two Days Workshop on Writing Science Engineering and Technology in Tamil as **Coordinator** at UCE,BIT Campus, Anna University, Tiruchirappalli from 09/02/2023 to 10/02/2023 sponsored by Government Of Tamilnadu and organized by Centre for Development Of Tamil in Engineering and Technology.

### **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- National symposium on Recent trends in Nano science and Technology, Anna University of Technology, Trichy, 9th September 2010.
- Workshop on Sustainable Municipal solid waste Management, Anna university of Technology, Trichy, 4 th October 2010.
- National seminar on Role of Renewable Energy in Energy Conservation (REEC 2010) at Department of Petrochemical Technology, Anna university of Technology Tiruchirappalli, on 14<sup>th</sup>& 15<sup>th</sup> Decemcer 2010.
- National seminar on societal Implication of Nano science and Technology, Anna University of Technology, Trichy, 23rd December 2010.
- National Conferences on Recent trends in Renewable Energy sources for sustainable development, Anna university of Technology, Trichy, 22-23 Feb, 2011.
- Awareness programme for Teachers on Heuristic Approach in Teaching, Anna University of Technology, Trichy, 29th March 2011.
- Workshop on preparation, characterization of crystalline materials and their Applications, Anna University, Chennai, 16 -17 July 2012.
- National seminar on Novel Materials, Shivani Engineering College, Trichy, 8-Mar 2013.
- FDP on Current Developments in life science, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 19-25 August 2013.
- Lecture Workshop on Photo catalysis for sustainability: Fundamentals and Application, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 9 th Oct 2013.
- Seminar on Research paper, Dissertation and project proposal preparation at Bharathidasan institute of Technology, Anna University, Tiruchirappalli on 14 th February, 2014.
- UGC-Sponsored Orientation Program at Academic Staff College, Bharathidasan University, Tiruchirappalli from 20 th May 2014 to 16th June 2014.
- UGC-Sponsored National Seminar on Recent Trends in Crystal Growth and Nano Materials at PG & Research Department of Physics, National College (Autonomous), Tiruchirappalli on 7-9 August, 2014.

- UGC-Sponsored Refresher program at Academic Staff college, Madras University 11- 31 August 2015.
- TEQIP II Sponsored Two days Lecturer Workshop on “Chemistry for Sustainable Green Environment”, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli on 11-12 March 2016.
- National level training program on Thesis Writing, Bharathidasan University, Trichy on 30.10.17 to 03.11.2017.
- Asia pacific academy of Materials Special lecture series organized by MRSI-Trichy Chapter & Centre for high pressure research at Bharathidasan University, Tiruchirappalli on 13<sup>th</sup> February 2018.
- UGC-Sponsored Refresher Course in Chemistry at Academic Staff College, Bharathidasan University, Tiruchirappalli from 20-09-2019 to 03-10-2019.
- One day Workshop on Environmental conservation and sustainability –The need of the hour held at Department of Chemistry, University College of Engineering, BIT Campus, Anna university, Tiruchirappalli 6<sup>th</sup> March 2020
- Two-week Online Faculty Development Programme on “ICT Tools for Teaching, Learning Process and Institute” jointly organized by Electronics and ICT Academies held from 10<sup>th</sup> - 21<sup>st</sup> August, 2020 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeitY),
- Two weeks -Industrial Training Programme on Plastics Processing and Testing Organised by CIPET-Madurai from 12<sup>th</sup> to 26<sup>th</sup> July 2021 CIPET CSTS Madurai.
- Four Week Faculty Induction/Orientation Programme for faculty in Universities Colleges Institutes of Higher Education organized by Teaching Learning Centre Ramanujan College, University of Delhi Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 22<sup>nd</sup> March 2023 to 20<sup>th</sup> April 2023
- “Two week Refresher course in Chemistry” organized by Teaching Learning Centre Ramanujan College, University of Delhi Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 30<sup>th</sup> June-14 July<sup>th</sup> 2023

#### **National / International Conferences organized / Participated:**

- **Coordinator:** TEQIP II Sponsored Two day National conference on “Advances in Applied chemical Sciences and Materials Technology, 17 & 18 Oct 2014 Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli-24
- **Member:** International Conference on Advance in Biological Chemical and Physical Sciences (ABCPS – 2017) jointly organized by the Departments of Biotechnology, Chemistry, and Physics held at BIT campus, Anna university Tiruchirappalli – 24 from March 13<sup>th</sup> to 15<sup>th</sup> 2017

- **PARTICIPATED AND PRESENTED : Gayathri GD** & Thiruneelakandan R, 2019, 'Photocatalytic application of Nickel sulphide', International Conference on Recent Advances in Materials Science (ICRAMS-2019) at PG & Research Department of Physics, National College (Autonomous), Tiruchirappalli from 04.02.2019 to 06.02.2019.
- **PARTICIPATED AND PRESENTED : Gayathri GD** & Thiruneelakandan R, 2020, 'Comparative Studies on Photocatalytic degradation of some dyes using FeZnS<sub>2</sub> with EDTA and FeNiS<sub>2</sub> with EDTA, FeNiS<sub>2</sub> with Leishman stain as Photocatalysts', National conference on Recent Trends in Civil and Environmental Engineering(NCRTCEE'20) at Department of Civil Engineering, University College of Engineering, BIT Campus, Anna university, Tiruchirappalli 26<sup>th</sup> August 2020
- **PARTICIPATED AND PRESENTED : Gayathri GD** & Thiruneelakandan R, 2022 "Bio synthesis of copper oxide Nano particles from pyrus pashia"Two day National conference on "Emerging Trends in chemical and petrochemical Technology, 3rd & 4th June 2022 organised by Department of petrochemical Technology ,UCE,BIT Campus, Anna University,Tiruchirappalli-24
- **Member:** SERB sponsored High end workshop on Advanced composite materials for energy conversion and storage applications(ACESA-2023) organized by the Departments of Biotechnology, Chemistry, and Physics held at BIT campus, Anna university Tiruchirappalli – 24 from Feb 16<sup>th</sup> to 22 2023.
- **PARTICIPATED AND PRESENTED : Gayathri GD** 2023 Bio Synthesis of Copper oxide Nano particles from Ficus racemosa and their Catalytic Application on Dye Degradation. National level Technical symposium2K23 organised by Dept of civil Engineering,Kongunadu college of Engineering & Technology,Thottiam on 26<sup>th</sup> August 2023.

**Guest lectures delivered:**

1. Motivation Lecture delivered on first year Induction Programme on 17.11.2022 at Department of Civil Engineering, UCE,BIT Campus,Anna University,Tiruchirappalli-24

**DECLARATION:**

I certify that the information furnished above is correct and true to the best of my knowledge and belief.

**Signature of the staff member**

**Head of the Department**

**Dean**