

<b>Name</b>	B. DIVYA
<b>Qualification</b>	M.Sc., M.Phil., Ph.D, NET (LS and JRF), SET
<b>Designation</b>	Assistant Professor
<b>Year of Joining</b>	2014
<b>Specialization</b>	Coordination Chemistry, Polymer chemistry
<b>Email id</b>	b.divyaaa@gmail.com



### Seminars/Workshops/FDP

<b>Title of Workshop/ Seminar/ FDP/ Conferences</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Date</b>
Navigating Consultancy , Filing Patent and Designing Research Article: Insights and Strategies	National seminar	Participated	-	Marian Research Forum and IQAC, St. Mary's College (Autonomous), Thoothukudi	20.01.2024
International Conference on "Advanced Materials and Their Applications 2023"	Conference	Presented	Cyclic Voltammetric studies of polyaniline composites with azine and cuprous chloride.	Department of Chemistry, V.O.Chidambaram College, Thoothukudi.	14.12.2023 & 15.12.2023
NSS Orientation Programme	Orientation Programme	Participated	-	Manonmaniam Sundaranar University, Tirunelveli	31.01.2023

In-service Teacher Training Programme in Physical Sciences	Training Programme	Participated	-	Tamilnadu State Council for Higher Education at Rani Anna Government College for Women Tirunelveli	05.05.2022 & 06.05.2022
One Day Workshop on "Chemist as Entrepreneur cum Hands on Training on "House Hold Articles	State level workshop	participated	-	Department of chemistry, St. Mary's College, Thoothukudi	18.07.2019
Empowering young chemists	State level workshop	participated	-	Department of chemistry, St. Mary's College, Thoothukudi	05.03.2019
Creating blog for Google generation in the 2.0 world	State level workshop	participated	-	Department of Library, St. Mary's College, Thoothukudi	12.03.2019
International conference on advanced materials and their applications	International	presented	Synthesis, characterization and electrochemical studies of cobaltus chloride doped polyaniline/benzalazine composite	Department of Chemistry, V.O.Chidambaram College, Thoothukudi	27.12.2018
International conference on multidisciplinary approaches in Social Sciences, Humanities and Sciences	International	presented	Comparative study of green synthesized silver nanoparticles using leaf and stem extract of <i>pauzolzabennettiana</i> and its antimicrobial activity	Sri. S. Ramasamy Naidu memorial college, Sattur, Tamil Nadu (India)	14.12.2018

Microscale experiments in chemistry	State level seminar	participated	-	Department of chemistry, Kamaraj College, Thoothukudi	27.08.2018
National conference on energy materials	National	presented	Synthesis, characterization and capacitance behavior of polyaniline composites	Department of physics, Manonmaniam Sundaranar university, Abishekapatti.	28.06.2018 & 29. 06.2018
Academic and Research Integrity in the Digital world	National	Participated	-	Research forum and Department of Library, St. Mary's College	09.12.2017
Green chemistry for clean environment	National	Participated	-	Department of chemistry, St. Mary's College, Thoothukudi	07.12.2017 & 08.12.2017
Workshop on human values development programme	State	Participated	-	All India association for Christian higher education	02.02.2017
Cosmic concerns: An interdisciplinary Dialogue in Applied ethics	State	Participated	-	IQAC, St.Mary's College (Autonomous)Thoothukudi	27.01.2017 & 28.01.2017
National Seminar on Quality enhancement in Higher Education	National	Participated	-	St.Mary's College (Autonomous), Thoothukudi	07.01.2016 & 08.01.2016
Lecture Workshop on Recent Advances in Chemistry	National	Participated	-	Science Academies	26.02.2016 & 27.02.2016
National Workshop on Synthesis	National	Participated	-	Department of Chemistry V.O.Chidambaram	25.02.2014 & 26.02.2014

and Characterization of Nanomaterials				College, Thoothukudi	
State level seminar on Recent Trends in Chemistry	State	Participated	-	Department of Chemistry V.O.Chidambaram College, Thoothukudi	21.08.2013
Lecture Workshop on Recent Advances in chemistry	National	Participated	-	Science Academies	23.01.2013 & 24.01.2013
National seminar on Recent trends in Nanoscience and technology	National	Participated	-	Scott Christian college Nagercoil	31.01.2013
National Symposium on Nanoscience	National	Participated	-	St. Mary's College, Thoothukudi	29.11.2012
Nanoscience and applications	National	Participated	-	V.O.Chidambaram College, Thoothukudi	12.03.2012
National seminar on Emerging trends in Chemistry	National	Participated	-	A.P.C. Mahalaxmi College for women	19.09.2011

**Webinar/ Online Workshop/ Online FDP attended**

Name	Department	Webinar/ Online Workshop/ online FDP	Paper Presented/ Participated	Title	Organised By	Date
B. Divya	Chemistry	Webinar	-	Glimpse on Open Education Resources	Department of Library, St. Mary's College (Autonomous)	20.03.24

					Thoothukudi	
B. Divya	Chemistry	FDP	Participated	Preparing teachers for artificial intelligence driven education	Annammal College of Education, Thoothukudi	6.11.23 to 10.11.23
B. Divya	Chemistry	National Webinar	Participated	Academic Visibility in the digital world	Department of Library, St. Mary's College (Autonomous) Thoothukudi	12-Feb-2020
B. Divya	Chemistry	Webinar	Participated	Science behind criminal investigation	Kamaraj College, Thoothukudi.	22-Jul-2020
B. Divya	Chemistry	International webinar	Participated	On An Update on Covid 19	IQAC, St. Mary's College (Autonomous) Thoothukudi	10- Jul - 2020
B. Divya	Chemistry	Webinar	Participated	Qualitative and Quantitative metrics in NAAC's Self Study Report for Teacher Education Institute	Annammal College of Education for women, Thoothukudi	03-Jul-2020 – 05-Jul-2020
B. Divya	Chemistry	webinar	Participated	Industry 4.0 and 21 century skills	Annammal College of Education for women, Thoothukudi	15-Jun-2020
B. Divya	Chemistry	International webinar	Participated	Role of Psychology to Fight Against Covid-19 Pandemic	Mahatma Phule Arts, Science &Commerce College, Panvel, Dist- Raigad	12-Jun-2020
		National Level Certificate	Participated	Online Certificate Course on Medicinal	<i>Sri ParasakthiCol</i>	12-Jun-2020

B. Divya	Chemistry	Course		Chemistry	lege for Women (Autonomous), Courtallam	
B. Divya	Chemistry	Webinar	Participated	Designing New Chiral Molecules for Asymmetric Organocatalysis	Department of Chemistry, V.O.Chidambaram College, Thoothukudi	11-Jun-2020
B. Divya	Chemistry	Webinar	Participated	Creating a Safer, Cleaner and Healthier Post Pandemic World towards Career Success	MESTON College of Education (Autonomous) Chennai	10-Jun-2020
B. Divya	Chemistry	International Webinar	Participated	Evolution and Transformation of Chemistry: A Futuristic Approach	S.T. HINDU COLLEGE NAGERCOIL -2	08-Jun-2020
B. Divya	Chemistry	Webinar	Participated	'WOMEN: Back to Traditional Role	Bharathidasn University & Annammal College of Education for women, Thoothukudi	03-Jun-2020
B. Divya	Chemistry	Webinar	Participated	Introduction to Geographic Information System (GIS)	V.O.Chidambaram College, Thoothukudi	02-Jun-2020
B. Divya	Chemistry	Webinar	Participated	Developing Green Skills to Produce Skilled Workers for Sustainable Development	Colombo Plan Staff College	01-Jun-2020.
		Webinar	Participated	Graphene based Nanocomposites for	V.O.Chidambaram College,	01-Jun-

B. Divya	Chemistry			Energy Storage	Thoothukudi	2020
B. Divya	Chemistry	Webinar	Participated	Young professionals: Plotting a Career Path...Post Pandemic”	IQAC, St. Mary’s College (Autonomous), Thoothukudi	30-May-2020
B. Divya	Chemistry	Webinar	Participated	Top notch training on proposal writing	Chellmmal Women’s College, Chennai	28-May-2020
B. Divya	Chemistry	Webinar	Participated	Lessons of Lockdown: Magnitude of ‘The Butterfly Effect’	Department of physics St. Mary’s College (Autonomous), Thoothukudi	28-May-2020
B. Divya	Chemistry	Webinar	Participated	Teachers for future – Capacity building section	Annammal College of Education for women, Thoothukudi	27-May-2020
B. Divya	Chemistry	Webinar	Participated	Challenges in post covid-19 classrooms	Annammal College of Education for women, Thoothukudi	26-May-2020
B. Divya	Chemistry	Webinar	Participated	Teacher Resilience – The blueprint for efficiency for uncertainty	St. Mary’s College (Autonomous), Thoothukudi	23-May-2020
B. Divya	Chemistry	Webinar	Participated	FDP on Emerging wed based pedagogical practices	Annammal College of Education for women, Thoothukudi	20-May-2020 – 21-May-2020
		Webinar	Participated	Redefining learning spaces – Change	Colombo plan	06-May-

B. Divya	Chemistry			Agent in Educational Ecosystem	staff college	2020
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### Paper published

Paper Title	Author(s)	Journal	Year	Vol.	Issue	Page No.
Microwave synthesis, electrochemical studies and capacitance of benzalazine	<b>B. Divya,</b> D.Kanagavel, P.Karpagavinayagam and C.Vedhi	International journal of research in advent technology	2018	6	9	2414-2419
Comparative study of green synthesized silver nanoparticles using leaf and stem extract of <i>pauzolziabennettiana</i> and its antimicrobial activity	Kalarani, Parthiban, <b>B. Divya</b> and Chandra Lekha	International journal of management, technology and engineering	2018	8	XII	3013-3024
Synthesis and characterization of silver nanoparticles using seaweed <i>Sargassamtennerimum</i> and their antioxidant activity	Parthiban, Chandralekha, Kalarani, <b>Divya</b>	Journal of emerging technologies and innovative research	2019	6	2	416 - 421
Synthesis, characterization and electrochemical studies of polyaniline/benzalazine/ cobalt(II) chloride composite	<b>B. Divya,</b> D.Kanagavel, N. Chandralekha and C.Vedhi	International journal of advanced scientific research and management	2019		4	10 - 16
Investigation of ternary composites of polyaniline comprising benzalazine and nickel ions and its characterization	<b>B. Divya, S.</b> Shanthosh Shree E. Arulkumar S. Thanikaikarasan S. Parameswari G. Kavitha D. Kanagavel, and C. Vedhi	Results in Chemistry (I. F. 2.5)	2024		7	



## Papers in proceedings

Paper Title	Author(s)	Proceedings	Year	Page No.
Cyclic Voltammetric studies of polyaniline composites with azine and cuprous chloride.	<b>B. Divya</b> , D. Kanagavel and C. Vedhi	ISBN: 978-81 931566-7-4	2023	27
Phytochemical, analysis and study of extraction rate of lawsone from lawsonia inermis	J. Sagaya Kanute, C. S. Suriya, L. Muthu Durga, M. Sheran Rose, A. Maria Selvi and <b>B. Divya</b>	ISBN: 978-81 931566-7-4	2023	165
Synthesis and Characterization of poly (Aniline-co- orthonitroaniline)-FeCl <sub>3</sub> composites and its application in electrocoagulation of Malachite green	S. JeslinJenitha, A. Joy Julie Anslin, M. MuthuUsha, S. Ramalakshmi, H. Sherlin Blessey, G. Stella Angelin and <b>B. Divya</b>	SMC SCIENCE UPDATES ISBN CODE: 9789380430775	2021	119
Synthesis and Characterization of poly (aniline -co- orthonitroaniline) – TiO <sub>2</sub> Composites and its Application in Photo Degradation of methylene blue	R. Annapackiam, M. BalaAbirami, I. Esther Angel, M. JosephinPreethi, J. Maheswari, D. Sasirekha and <b>B. Divya</b>	SMC SCIENCE UPDATES ISBN CODE: 9789380430775	2021	113
Green synthesis of Copper Nanoparticles using Sea weeds	M. Ancy, C. Bhuvaneswari, C. Febia, J. Maheswari, A. Maria Hannah, P. Shalu, U. Sherly, M. Subashree, S. Supriya* <b>B. Divya</b>	SMC SCIENCE UPDATES ISBN CODE: 9789380430591	2021	118
Synthesis, characterization and cyclic voltammetric studies of polyaniline composites containing 20% azine and nickel(II) chloride	<b>Divya B</b> , Kanagavel D, Vedhi C	ISBN: 978-93-5396-091-9	2019	94
Synthesis, characterization and	<b>B. Divya</b> , D. Kanagavel,	ISBN: 978-93-	2018	57,

capacitance behaviour of polyaniline composites	P. Karpagavinayagam and C. Vedhi	81402-55-9		58
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### As Resource Person

Date	Organized By	Invited As	Topic/Event
31.11.2023	Kamaraj College, Thoothukudi-3.	Resource Person	How to crack competitive exams in Chemical Sciences
26.11.2022	St. Mary's Boy's School, Thoothukudi	Evaluator	National Children's Science congress 2022-23
16.08.2021 to 20.08.2021	IQAC and PG research Department of Chemistry, Kamaraj College, Thoothukudi-3.	Resource person	Five days international Tricks and Tips for CSIR-NET/SET Chemical Science
27.01.2021	St. Mary's college (Autonomous), Thoothukudi	Resource person	Laboratory safety – Measures for supportive staff
30.11.2020	Kamaraj College, Thoothukudi-3.	Resource Person	Tricks and Tips for CSIR-NET/SET Chemical Science
13.12.2019	V. O. Chidambaram College, Thoothukudi – 8.	Chairperson	Chairperson in paper presentation
28.08.2017 - 01.09.2017	Tamil Nadu state council for science and technology Dote campus, Chennai -600025 and St. Mary's college (Autonomous) Thoothukudi	Resource Person	In-service training programme for secondary grade science teachers

### ONLINE COURSE:

- Completed online refresher course in Chemistry for Higher Education (ARPIT) organised by Ministry of Human Resource Development during November 2018 to March 2019.
- Completed Faculty induction programme from 1st September to 30<sup>th</sup> September 2022 organized by Bharathidhasan University.
- Completed refresher course in chemistry from 29<sup>th</sup> November to 13<sup>th</sup> December 2022 organized by Ramanujam College, Delhi.

**Others:** (includes the roles /activities/ positions held in college)

- Cleared NET(LS) in 2012 and NET(JRF) in 2013
- Cleared SET in 2012
- Cleared GATE -2012 and 2013
- Secured VI Rank in M.Sc., chemistry in Manonmanium Sundaranar University during 2008-2010.
- NSS programme officer (2020-2024)