



Name: Dr. S. Bharathi

Qualification: M.Sc., M. Phil., Ph.D., SET.

Designation: Assistant Professor

Years of Experience: UG: 1.4 years PG: 1.4 years

Previous Experience: UG: 16.9 years PG: 3 years

Area of Specialization: Polymer chemistry

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MEMBERSHIP

S.No.	Details	State/National/International
1	Life time member in "Indian Society for Technical Education" – Membership Number LM 78364	National

WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Jeppiar Institute of Technology	National	Recent Development in Advanced Materials – RDAM – 17	19.07.2017
2	Saveetha Engineering College, Chennai	National	One day Hands on Training in LaTeX National Workshop	04.02.2017
3	Saveetha Engineering College, Chennai	National	Materials Synthesis & Characterization National Workshop	17.09. 2016
4	IIT Bombay Remote Center (1045) Saveetha Engineering College, Chennai	National	Aakash for Education National Workshop conducted by IIT Bombay	10.11.2012 to 11.11.2012

CONFERENCES ATTENDED / PRESENTED PAPER

S.no	Organized by	State/National/International	Participated/ Presented	Title	Date(s)
1	Bharath Institute of Higher Education and Research	National	Presented	National conference on Advances in Materials and Methods of Chemistry (NCAM ² C2019)	21.12.2019
2	Saveetha Engineering College, Chennai	International	Presented	International conference on Materials and spectroscopy	11.12.2019 to 12.12.2019
3	Saveetha Engineering College, Chennai	National	Presented	National Conference on Chemistry and Materials (NCCM-19)	22.03.2019
4	University of Madras, Guindy campus, Chennai	International	Presented	2 nd International conference on recent trends in analytical chemistry (ICORTAC-2018)	15.03.2018 to 17.03.2018
5	VELS institute	National	Participated	National conference on functional	28.02.2018

	of science and technology			materials and its applications	to 01.03.2018
6	Pachaiyappa's college, Chennai	International	Presented	International conference on advancements and challenges in chemical sciences	02.02.2018 to 03.02.2018
7	Saveetha Engineering, Chennai	International	Presented	International Conference on Instrumentation, Electrical And Electronics Engineering (ICIEEE' 17)	31.03.2017
8	Saveetha Engineering College, Chennai	National	Participated	Graphene & liquid crystals on smart nano-engineering applications'2016	07.11.2016 to 09.11.2016
9	University of Madras, Guindy campus, Chennai.	International	Presented	International conference on recent trends in analytical chemistry (ICORTAC-2015)	29.12.2015 to 30.12.2015
10	Saveetha Engineering College, Chennai	National	Participated	Emerging trends in science & humanities	10.04.2015
11	Presidency College, Chennai-5	International	Presented	Energy, Water and Environmental Science & Technology (ICEWEST-2015)	05.02.2015 to 06.02.2015
12	Saveetha Engineering, Chennai	National	Presented	Emerging trends in science & humanities	11.04.2014
13	Saveetha Engineering, Chennai	National	Presented	Emerging trends in science & humanities	05.04.2013
14	Saveetha Engineering, Chennai	National	Presented	Emerging trends in science & humanities	09.03.2012
15	Rajalakshmi Engineering college, Chennai	International	Participated	Biomaterials Implant Devices and Tissue Engineering	06.01.2012 to 08.01.2012
16	SRM University Ramapuram, Chennai-89.	National	Presented	New Renaissance in Chemical Research	04.03.2011
17	Saveetha School of Engineering, Chennai	International	Participated	Recent advances in biomaterials (crab-2010)	17.12.2010 to 18.12.2010

SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Rajalakshmi engineering college, Chennai	National	Advances and future challenges in material science	22.11.2019
2	Saveetha engineering college, Chennai	National	Frontiers in photonics and optical communication- SCWFPOC 2019	24.09.2019 to 26.09.2019
3	Saveetha engineering college, Chennai	National	Research and innovations in nanoscience and nanotechnology (RINSNT 2K18)	21.04.2018
4	Alagappa University, Karaikudi, Tamilnadu	National	Frontier Areas in Chemical Technologies (FACTs-2018)	22.03.2018 to 23.03.2018

5	Saveetha Engineering College, Chennai	National	Recent Analytical Techniques in Research Areas of Chemistry (RATRAC -2017)	03.03.2017
6	Saveetha Engineering College, Chennai	National	Recent Analytical Techniques in Research Areas of Chemistry (RATRAC -2016)	02.04.2016
7	Saveetha Engineering College, Chennai	National	Research in Management, Engineering & Science-Best practices	07.03.2014
8	Saveetha Engineering College, Chennai	National	Hybrid Renewable Energy System	19.02.2014 To 21.02.2014
9	Anna University, Chennai	National	Trends on water management	22.03.2013
10	VIT university, Chennai	National	Polymeric materials	02.03.2013
11	Rajalakshmi Engineering College, Chennai	National	Municipal Solid Waste Management	11.10.2011
12	Anna Adarsh college for women, Chennai	National	chemistry –exploring life, sustaining nature	04.08.2011 to 05.08.2011

JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1	YMER	UGC, Scopus	0044-0477	Synthesis and Swelling Behavior of Poly (N-tert-amylacrylamide-co-acrylamide / AcNa) Hydrogels	6 (June) – 2022/ 10.37896/YMER21.06/B5
2	Journal of Xidian University	UGC, Scopus	1001-2400	Corrosion Inhibition studies of poly(N-tert-amylacrylamide -co-2,4-dichloro phenyl methacrylate) copolymers by EIS and PDP methods	2022/ https://doi.org/10.37896/jxu.16.7/034
3	Journal of Molecular Structure	UGC, Scopus, SCI, SCIE	0022-2860	Novel quinoxaline derivatives of 2, 3-diphenylquinoxaline-6-carbaldehyde and 4, 4 -(6-methylquinoxaline-2,3-diy)bis (N,N-diphenylaniline): Synthesis, structural, DFT-computational, molecular docking, antibacterial, antioxidant, and anticancer studies	03.09.2021(on line)/January 2022/ https://doi.org/10.1016/j.molstruc.2021.131418
4	Materials Today: Proceedings	UGC, Scopus	2214-7853	Copolymerization of N-Tert-Butylacrylamide (NTB) and 7-Methacryloyloxy-4-Methyl coumarin (MAMC): Synthesis and characterization	2021/ https://doi.org/10.1016/j.matpr.2020.07.024
5	Journal of Chemical and Pharmaceutical Sciences		0974-2115	Copolymers of N-Tert-Butylacrylamide and Quinoliny Methacrylate: Synthesis and Characterization	2017/ https://www.jchps.com/specialissues/2017%20Special%20Issue%209/ICIEEE%2017%2070.pdf

6	International journal of chem. Tech research.	Scopus	0974-4290	Water pollution due to dying effluents in Noyyal river, Tirupur- A case study	2015/ https://www.sphinxsai.com/2015/ch_vol7_no7_ICEWE_ST4/(3075-3080)V7N7.pdf
7	Indian Journal of Applied Research		2249-555X	Copolymerization of N-Tert-Butylacrylamide (Ntb) And 2-Methyl-N-1, 3-Thiazole-2-Acrylamide (Tma):Synthesis, Characterization And Antimicrobial Activity	April 2014/ http://dx.doi.org/10.15373/249555X/APR2014/14
8	Journal of Chemical and Pharmaceutical Research	Scopus	0975-7384	Copolymers of N-tert-butylacrylamide with Quinolinylacrylate: Synthesis, Characterization, Monomer reactivity ratios, Mean sequence length and Antimicrobial activity.	2012/ https://www.researchgate.net/publication/288811389_Copolymerization_of_N-tert-butylacrylamide_with_Quinolinylacrylate_Synthesis_characterization_monomer_reactivity_ratios_mean_sequence_length_and_antimicrobial_activity
9	Rasayan Journal of Chemistry	UGC, Scopus	0974-1496	N-tert-butylacrylamide based Copolymers II : Synthesis and Characterization of Poly(N-tert-but. ylacrylamide - co - 2,4-Dichlorophenyl methacrylate)	July-September 2012/ N-tert-butylacrylamide-based-copolymers-II-Synthesis-and-characterization-of-poly-N-tert-butylacrylamide-CO-2-4-Dichlorophenyl-methacrylate.pdf (researchgate.net)
10	International journal of chem. Tech research.	Scopus	0974-4290	N-tert-butylacrylamide based Copolymers –I :Synthesis and Characterization of Poly(N-tert-butylacrylamide - co -7-acryloyloxy-4-methyl coumarin)	January-March 2012/ https://www.sphinxsai.com/2012/chem/CTHEM/CT=02(05-11)JM12.pdf

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	SRM Institute of science and technology, Chennai	National	Green chemistry for sustainable development	16.05.2022 to 21.05.2022
2	Saveetha Engineering College, Chennai	National	FDP on Creative pedagogy and its significance in engineering education, AICTE sponsored	22.04.2019 to 04.05.2019
3	Saveetha Engineering College, Chennai	National	FDP on Research Methodology - Tools and Techniques in Engineering FDP	26.11.2018 to 27.11.2018
4	IIT-M, Central library, Chennai	National	FDP on Effective Teaching in Engineering FDP	22.11.2018 to 24.11.2018
5	Saveetha Engineering College, Chennai	National	Continuing Professional Development for Teachers of English FDP	30.10.2018
6	Saveetha engineering college, Chennai	National	Designing Research Projects, Proposal writing, Grants & Funding agencies IEEE sponsored FDP	26.04.2018 to 27.04.2018
7	Curriculum Development Centre (NITTTR-Chandigarh), Remote Center (1045), Saveetha engineering college, Chennai	National	Outcome Based Education through ICT, AICTE recognized short term course	05.03.2018 to 09.03.2018
8	Department of Science and Humanities- Saveetha engineering college, Chennai	National	FDP on Skill development in research, projects and patent filing	17.02.2018
9	Jeppiaar SRR Engineering college, Centre for faculty development-Anna University approved, Chennai	National	Faculty development training programme in Environmental science and engineering	05.12. 2017 to 11.12.2017
10	IIT Bombay, Remote Center (1045), Saveetha engineering college, Chennai	National	Foundation program in ICT for Education (FDP101x)	03.08. 2017 to 07.09.2017
11	IIT Bombay, Remote Center (1045), Saveetha engineering college, Chennai	National	Pedagogy for online and blended teaching-learning process (FDP201x)	03.08. 2017 to 07.09.2017
12	IIT Bombay, Remote Center (1045) Saveetha Engineering College,	National	Environmental Studies ISTE short term Training Program	02.06.2015 to 12.06.2015

	Chennai			
13	College of Engineering, Guindy campus, Anna university, Chennai	National	FDP on Engineering Chemistry-I	18.06.2012 to 25.06.2012
14	Saveetha Engineering College, Chennai	National	FDP on Pronunciation and effective communication	02.12.2010 to 04.12.2010
15	Saveetha Engineering College, Chennai	National	Instructional design and drug delivery system FDP conducted by National institute of technical teachers training & research	14.12.2009 to 18.12.2009

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Loyal College (Autonomous), Chennai	National	Applications of edible coatings and composite films in food packing	23.09.2022
2	C.Kandaswami Naidu College for Men, Chennai and Indian Chemical Society (ICS), Tamilnadu Branch.	National	Pandemic, Environment and Responsibilities	10.11.2021
3	Saveetha Engineering College, Chennai	International	International Virtual conference on Advances in Chemistry and Materials (ICCM 2021)	21.07.2021 to 22.07.2021
4	Saveetha Engineering College, Chennai	National	Research Publications, Projects and Patents – An overview	10.07.2021
5	St. Joseph's College of Engineering, Chennai	International	Advancements in Applied Chemistry	06.07.2020 to 08.07.2020
6	Kings Engineering College, Chennai	National	Green Energy and Technology (GET 2020)	19.06.2020
7	Kings Engineering College, Chennai	National	Corrosion and corrosion initiation in environments	13.06.2020
8	St. Joseph's College of Engineering, Chennai	National	Recent Trends in Materials Frontiers	29.05.2020 to 30.05.2020
9	SRM University, Andhra Pradesh.	National	Post Covid-19 : Science and Technology	29.05.2020
10	Chellammal Womens College, Chennai	National	TOP notch training on Proposal Writing	28.05.2020

OTHERS:

Title of the Book: Biologically Active Copolymers, 2021, Lulu publication, ISBN-978-1-716-34405-3