

FACULTY PROFILE

(Dr S PARAMESWARAN)



Name of the College	GOVERNMENT COLLEGE OF ENGINEERING, DHARMAPURI-636 704.
Name of the Department	CHEMISTRY
Name of the faculty	Dr S PARAMESWARAN
Designation	ASSISTANT PROFESSOR
Residential Address	66,PANDIAN SARADU, DODDAMPATTI(RS &PO), HARUR(TK), DHARMAPURI (Dt) - 635305
Contact Number	9047512988
Gender	MALE
Community	BC-THULUVA VELLALAR
PAN Number	BOIPP6829P
AADHAR Number	6773 0866 2524
DOJ in Government Service	19.10.2010
FACULTY ID (ANNA UNIVERSITY)	6107041

I.particulars of Educational Qualification :(only completed)

S. no	Category	Name of the Degree	Specialization	Year of passing	Name of the college	Name of the University	% mark	Class obtained
1	SSLC	SSLC	All subject	2001	GHS Jayapuram	State board	74	
2	HSC	HSC	Maths& biology	2003	GBHSS Pudupettai	State board	82	
3	UG	B.Sc	chemistry	2006	Sacred Heart College,TPT	Thiruvalluvar University	87	First class with dist.
4	UG	B.Ed	Physical science	2007	IASE,Saidapet, Chennai	Madras University	74	First class
5	PG	M.Sc	chemistry	2009	Presidency College, Chennai	Madras University	75	First class with dist.
6	PG	M.Phil	Macro molecule	2015	Islamiah College, vaniyambadi	Thiruvalluvar University	78	First class with dist.
7	NET	NET	CHEMISTRY	2008	CSIR-UGC	CSIR-UGC	QUALIFIED	
8	Ph.D	Ph.D	CHEMISTRY	2026	GCE,SALEM	ANNA UNIVERSITY	23.01.2026 COMPLETED	

II.Academic experience

Name of College / INSTITUTION	Designation	Joined Date	Relieving Date	EXPERIENCE		
				YEARS	MONTHS	DAYS
Block resource centre	Block resource teacher educator (BRTE)	19.10.2010	16.05.2017	6	6	29
Government college of engineering,Bargur	Assistant professor	17.05.2017	30.06.2022	5	01	14
Government college of engineering,Dharmapuri	Assistant professor	01.07.2022	30.06.2026	4	0	0
Government college of engineering,Dharmapuri	Assistant professor	01.07.2026	Till date	Continuing	-	-

Total Professional Experience (as on 31 July 2026):

Overall Professional Experience (including BRTE): 15 Years 9 Months 13 Days.

III. Faculty Development Programmes (FDPs)

1. Participated in a Two-Day Faculty Development Programme (FDP) on "Creation of Interactive Video Lectures and Use of ICT Tools in Teaching", **organized by the** Department of Mechanical Engineering, Government College of Engineering, Bargur, **on** 20–21 June 2018.
2. Participated in a One-Week Faculty Development Programme (FDP) on "Current Practices in Nano Engineering", **organized by the** Department of Chemistry, Government College of Engineering, Bargur, **from** 25 June 2019 to 01 July 2019.
3. Participated in a One-Week Faculty Development Programme (FDP) on "Solar Photovoltaic System Design and Applications", **organized by the** Department of Electrical and Electronics Engineering, Government College of Engineering, Bargur, **from** 10 July 2019 to 16 July 2019.
4. Coordinated the Three-Week Induction Programme **for** First-Year B.E. Students, **organized by the** Department of Science and Humanities, Government College of Engineering, Bargur, **from** 29 July 2019 to 18 August 2019.
5. Participated in a Two-Week Faculty Development Programme (FDP) on "Synthesis and Characterization of Nanomaterials: Hands-on Training", **organized by the** Department of Physics, Government College of Engineering, Bargur, **from** 19 August 2019 to 01 September 2019.
6. Successfully completed a Five-Day International E-Certification Course on "Novel Exploration in Research Writing", **organized by** PSNA College of Engineering and Technology, Dindigul, **from** 12 October 2020 to 16 October 2020.
7. Participated in a Five-Day Faculty Development Programme (FDP) on "Export-Oriented Quality Parameters in Textile Industries", **organized by** Nachimuthu Polytechnic College, Pollachi, **from** 07 August 2023 to 11 August 2023.
8. Participated in a Six-Day Faculty Development Programme (FDP) on "Innovative Solutions for Next-Generation Energy Engineering and SDG Implementation", **organized by** R.P. Sarathy Institute of Technology, Salem, **from** 08 June 2026 to 13 June 2026.

IV. Conferences

1. **Participated in the Two-Day International Web Conference on "Advanced Material Science and Engineering (ICAMSE-2020)"**, organized by the **Department of Physics, Bannari Amman Institute of Technology, Sathyamangalam**, **on 11–12 September 2020**.
2. **Participated in the Two-Day International Web Conference on "Recent Innovations in Science, Engineering and Technology (ICRISET-2020)"**, organized by **Jeppiaar Institute of Technology**, **on 24–25 July 2020**.
3. **Participated in the One-Day International Conference on "Current Streams in Chemical Research (ICCSCR-2019)"**, held at the **PG and Research Department of Chemistry, Government Arts College, Dharmapuri**, **on 20 December 2019**.

V. Orientation Programme

1. **Successfully completed the Four-Week Faculty Induction/Orientation Programme for Faculty in Universities, Colleges, and Institutes of Higher Education**, organized by the Teaching Learning Centre, Ramanujan College, University of Delhi, from **01 September 2020 to 30 September 2020**.

VI. Industrial Training / Professional Training

1. **Participated in a Three-Week Industrial Training Programme on "Basic Science and Communication"**, organized by BSNL, Chennai, from **13 August 2020 to 02 September 2020**.
2. **Participated in a Three-Week Industrial Training Programme on "Artificial Intelligence (AI)"**, organized by Tamil Nadu Apex Skill Development Centre (TNASDC), Chennai, from **08 August 2024 to 30 August 2024**.
3. **Participated in a Two-Week Professional Training Programme on "Machine Learning and Deep Learning"**, conducted by sVIOS Technologies, Chennai, from **20 January 2025 to 31 January 2025**.

VII. Workshops

1. **Participated in a Three-Day Workshop on "Outcome-Based Education (OBE) and NBA Accreditation"**, organized by the Department of Mechanical Engineering, Government College of Engineering, Bargur, from **28 June 2018 to 30 June 2018**.

VIII. Module Courses

1. **Successfully completed eight online module courses** conducted by the National Institute of Technical Teachers Training and Research (NITTTR) through the SWAYAM platform during **September – November 2020**.

IX. NPTEL Courses

1. **Introductory Organic Chemistry II** – NPTEL Online Certification Course (August – October 2024).
2. **Physics of Nanomaterials** – NPTEL Online Certification Course (July – October 2025).
3. **Symmetry and Group Theory** – NPTEL Online Certification Course (January – April 2026) (*Course not completed*).
4. **Mentor for the NPTEL Online Certification Course "Advanced Robotics Applications"** for Mechanical Engineering students (January – April 2026).

X. State-Level Competitive Examinations

1. **Qualified the UGC–CSIR NET Examination for Lectureship in the first attempt (2008).**
2. **Qualified the Teachers Recruitment Board (TRB) Examination for Block Resource Teacher Educator (BRTE), securing State Rank 17 (2010).**
3. **Qualified the Teachers Recruitment Board (TRB) Examination for Assistant Professor, securing State Rank 1 (2016).**

XI. RESEARCH

1. NANOMATERIAL,SYNTHESIS,PHOTOCATALYTIC AND BIOLOGICAL STUDIES

XII.Google Scholar ID

<https://scholar.google.com/citations?user=Z7WtIsWAAAAJ&hl=en&oi=ao>

XIII.PAPER PUBLISHED

1. S Parameswaran, D Karthickeyan, T Venugopal, Effect of temperature on green synthesized silver nanoparticles using water and methanol, Materials Today: Proceedings 45,5506-5510,(2021). <https://www.sciencedirect.com/science/article/abs/pii/S2214785321013195>.
1. Parameswaran, S, Bakkiyaraj, R, Shanmugam, P & Venugopal, T 2023, ‘Solid Combustion Synthesis of MnO₂/NiO/Ag Nanocomposites for Efficient degradation of Methylene Blue and their Antibacterial activity’, Chemical Physics, vol. 575, pp. 112077. <https://www.sciencedirect.com/science/article/abs/pii/S0301010423002598?via%3Dihub>.2023. 112077. Impact Factor: 3.8.
2. Parameswaran, S, Shanmugam,P, Bakkiyaraj, R & Venugopal, T 2024, ‘Fabrication and assessment of CuO and NiO-infused MnO₂ nanocomposites: Characterization, methylene blue degradation, and antibacterial efficacy’, Molecular Structure, vol. 1303, p. 137580. <https://www.sciencedirect.com/science/article/abs/pii/S0022286024000838?via%3Dihub>.molstruc.2024.137560. Impact Factor: 4.7.
3. Parameswaran, S, Bakkiyaraj, R, Shanmugam,P, Supakorn Boonyuen & Venugopal, T 2024, ‘Investigation of biological efficacy assessment of cobalt-doped cerium oxide nanocomposites against pathogenic bacteria, fungi, and lung cancer cells’ Materials Chemistry and Physics, vol.321,p.129496.

<https://www.sciencedirect.com/science/article/abs/pii/S0254058424006217>

j.matchemphys.2024.129496. Impact Factor: 4.7.

4. **Palani Rajkumar^{1*}, Balasubramanian Yamini², Sampath Parameswaran³, Krishnamoorthy Arunkumar⁴ and Muthu Suresh⁴** Green synthesis of some new 4-phenyl-4,5-dihydro-1H-benzo[f][1,3,5] triazepin-2(3H)-ones, in-silico molecular docking (PDB ID: 3ERT), ADME, and evaluation of anticancer activity in breast cancer cell lines. Vol. 36 - Number 02 (Apr-Jun 2026) 277-282. <https://connectjournals.com/01951.2026.36.277>. Indian Journal of Heterocyclic Chemistry. Impact Factor: 0.4.

XIV. Patents Published

1. **Compact Combustion Analyzer – Design No. 428068-001**, published on 24 August 2024.
2. **Colorimetric Compound Analyzer with IoT Interface – Design No. 467507-001**, published on 28 July 2025.

XV. Mentor

1. **Mentor for the NPTEL Online Certification Course "Advanced Robotics Applications"** for Mechanical Engineering students, January – April 2026.

XVI. Seminars / Invited Talks

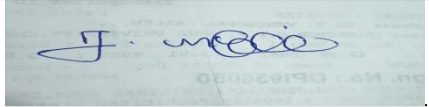
1. **Delivered a National Webinar on "Electroplating and Electroless Plating"** on 30 October 2020, organized by St. Joseph University, Dimapur, Nagaland, India.
2. **Delivered a Guest Lecture on "Click Chemistry in Drug Development"** on 17 September 2025 at Sengunthar Engineering College, Tiruchengode, Namakkal, Tamil Nadu.
3. **Delivered a Seminar on "Environmental and Social Impact Assessment: A Tool for Sustainable Development"** on 30 January 2026 at R.P. Sarathy Institute of Technology (Autonomous), Salem, Tamil Nadu.

XVII. Administrative Responsibilities

1. **YRC and RRC Programme Officer**, Government College of Engineering, Bargur (May 2017 – 2020).
2. **Office In-charge, Examinations (Autonomous and Anna University)**, Government College of Engineering, Bargur (January 2018 – June 2020).
3. **Hostel Superintendent (Accounts)**, Government College of Engineering, Bargur (January 2020 – June 2022).
4. **NSS Programme Officer, Unit I**, Government College of Engineering, Bargur (January 2020 – June 2022).
5. **Dispensary In-charge**, Government College of Engineering, Bargur (January 2020 – June 2022).
6. **NSS Programme Officer, Unit I**, Government College of Engineering, Dharmapuri (July 2022 – Present).
7. **Hostel Superintendent (Administration)**, Government College of Engineering, Dharmapuri (November 2022 – September 2025).
8. **Head of the Department (i/c), Department of Chemistry**, Government College of Engineering, Dharmapuri (01 November 2022 – 08 September 2023).
9. **SPOC for District Collectorate Grievance Meetings**, Government College of Engineering, Dharmapuri (June 2025 – Present).
10. **Single Point of Contact (SPOC), Anti-Drug Club**, Government College of Engineering, Dharmapuri (July 2026 – Present).

DATE : 31.07.2026

PLACE: DHARMAPURI


Dr S PARAMESWARAN