

# FACULTY PROFILE

(Dr S PARAMESWARAN)



|                                     |                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------|
| <b>Name of the College</b>          | GOVERNMENT COLLEGE OF ENGINEERING,DHARMAPURI-636 704.                                |
| <b>Name of the Department</b>       | CHEMISTRY                                                                            |
| <b>Name of the faculty</b>          | Dr S PARAMESWARAN                                                                    |
| <b>Designation</b>                  | ASSISTANT PROFESSOR                                                                  |
| <b>Residential Address</b>          | 66,PANDIAN SARADU,<br>DODDAMPATTI(RS &PO),<br>HARUR(TK),<br>DHARMAPURI (Dt) - 635305 |
| <b>Contact Number</b>               | 9047512988                                                                           |
| <b>Gender</b>                       | MALE                                                                                 |
| <b>Community</b>                    | BC-THULUVA VELLALAR                                                                  |
| <b>PAN Number</b>                   | BOIPP6829P                                                                           |
| <b>AADHAR Number</b>                | 6773 0866 2524                                                                       |
| <b>DOJ in Government Service</b>    | 19.10.2010                                                                           |
| <b>FACULTY ID (ANNA UNIVERSITY)</b> | 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 subiect      | 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 UNIVERSIT Y         | 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).
5. **Reagents in Organic Synthesis**– NPTEL Online Certification Course (July – October 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 methonol, Materials Today: Proceedings 45,5506-5510,(2021).  
<https://www.sciencedirect.com/science/article/abs/pii/S2214785321013195>.
2. Parameswaran, S, Bakkiyaraj, R, Shanmugam, P & Venugopal, T 2023, ‘Solid Combustion Synthesis of MnO<sub>2</sub>/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.
3. Parameswaran, S, Shanmugam,P, Bakkiyaraj, R & Venugopal, T 2024, ‘Fabrication and assessment of CuO and NiO-infused MnO<sub>2</sub> 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.
4. 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.

5. Palani Rajkumar<sup>1\*</sup>, Balasubramanian Yamini<sup>2</sup>, Sampath Parameswaran<sup>3</sup>, Krishnamoorthy Arunkumar<sup>4</sup> and Muthu Suresh<sup>4</sup> 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**

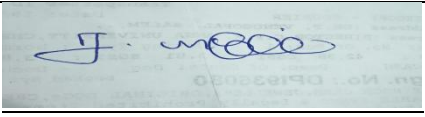
1. **YRC and RRC Programme Officer**, Government College of Engineering, Bargur (May 2017 – 2020).
2. **Office In-charge, Examinations (Autonomous and Anna University)**, Government College of Engineering, Bargur (January 2018 – June 2020).
3. **Hostel Superintendent (Accounts)**, Government College 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).

### **XVIII. University Nominee – Board of Studies:**

1. I have been appointed as the Anna University Nominee to the Board of Studies in Science and Humanities at **Shree Sathyam College of Engineering and Technology**, Sankari, Salem – 637301, for the academic year 2026–2027.

DATE : 09.09.2026

PLACE: DHARMAPURI

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| Dr S PARAMESWARAN                                                                     |