

STAFF PROFILE

- 1) **Name** : **Dr. P. DHIVYA**
2) **Designation** : Assistant Professor
3) **Department** : Chemistry
4) **Qualification** : M.Sc., M.Phil., PGDCA, Ph.D.,
5) **Experience** : **Teaching:** 6 Years **Research:** 12 Years

6) **Area of Specialization(s):**

- ❖ Synthetic Organic Chemistry - Heterocyclic Chemistry and Synthesis of bioactive compounds.
- ❖ Nanochemistry.
- ❖ Photochemistry.
- ❖ Green synthesis.

7) **E-mail** : dhivsanto@gmail.com

8) **Academic Qualifications:** M.Sc., M.Phil., PGDCA, Ph.D.,

9) **Additional Qualifications:**

Diploma/ Vocational/ Certification	Area of Specialization	Institution/ University/ Agency Name	Year
Post Graduate & Diploma in Computer Applications. (PGDCA)	Computer Applications	School of Distance Education, Bharathiar University, Coimbatore	2008

10) **Grants Received**

Event Title	Agency	Date
Maulana Azad National Fellowship (MANF)	Ministry of Human Resource Development (MHRD) & University Grants Commission (UGC)	01 st April 2013- 30 th September 2017

11) **Projects**

Completed

Project Title	Agency	Amount	Duration
Student Project Scheme	Tamil Nadu State Council of Science & Technology (TNSCST)	Rs.7,500/-	2019-2020

Ongoing

Project Title	Agency	Amount	Duration
SEED Project	Nirmala College for Women, Coimbatore	Rs.10,000/-	01.12.2020 to 31.05.2021

12) Research Publications

- **P Dhivya**, RR Gontu, SP Rajendran, *Journal of Chilean Chemical Society* (2017) 63(2), 3974-3982.
- AMMS Kumar, **P Dhivya**, SP Rajendran, *Journal of Chinese Chemical Society* (2017) 64(2), 138-142.
- **P Dhivya**, SP Rajendran, *Research Journal of Chemistry and Environment* (2019) 23(10), 132-138
- **P Dhivya**, SP Rajendran, *Journal of Chemical, Biological and Physical Sciences, Section A* (2016) 6(2), 596-602.
- RR Kumar, **P Dhivya**, SP Rajendran, *Journal of Chemical, Biological and Physical Sciences, Section A* (2016) 6(3), 777-783.
- **P Dhivya**, JJ Caroline, SP Rajendran, *International Journal of Research and Analytical Review* (2018) 6(1), 1501-1506.
- PA Christy, **P Dhivya**, JJ Caroline, *Journal of Emerging Technology and Innovative Research* (2019) 6(4), 551-558.
- D Abinaya, **P Dhivya**, *Journal of Interdisciplinary Cycle Research* (2020)12(3), 932-940.
- CB John, **P Dhivya**, *Journal of Interdisciplinary Cycle Research* (2020) 12(3), 1121-1130, 2020.
- K Anandhi, **P Dhivya**, *Compliance Engineering Journal* (2020) 11(3), 407-417.
- TR Sowburnika, **P Dhivya**, *Journal of Engineering Sciences* (2020) 11(3), 556-560.

13) Other Publications: 18 Proceedings

14) Presentations in Conference

International

- ❖ Presented a paper in the International Conference on **Bioresource Technology (ICBRCT-2010)** organized by the Department of Botany, Nirmala College for Women, Coimbatore on 07th and 08th October 2010.

- ❖ Presented a paper in the International Conference on **Recent Advances in Materials and Chemical Sciences (ICRAMCS – 2015)** organized by Department of Chemistry, Gandhigram Rural Institute, Gandhigram during 14th & 15th December 2015.
- ❖ Presented a paper on the TEQIP –II First International Conference on **Energy, Environment and Engineering**, organized by the Department of Chemistry and Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore on 29th February, 01st and 02nd March 2016.
- ❖ Presented papers in the International Conference on **Innovations in Chemical Sciences (ICICS 2019)** organized by the Department of Chemistry, Kongunadu Arts & Science, Coimbatore on 19th February 2019.
- ❖ Presented a paper in Virtual International Conference on **Advancements in Nanotechnology** held on 01st November 2020 in association with Association of Global Academicians and Researchers and Association of Indian Biologists, Tamil Nadu.

National

- ❖ Presented a paper in the workshop on Current Developments in Chemistry organized by the Post Graduate & Research Department of Chemistry, Government Arts College, Coimbatore on 07th and 08th February 2008.
- ❖ Presented a paper in the National Conference on Current trends in Chemistry organized by the Department of Chemistry, Bharathiar University, Coimbatore on 02nd and 03rd December 2010.
- ❖ Presented a paper in the Seminar on Chemistry for Future organized by the Post Graduate & Research Department of Chemistry, Government Arts College, Coimbatore on 29th December 2011.
- ❖ Presented a paper in the UGC Sponsored National Seminar on Chemistry – A solution to Global Challenges organised by Department of Chemistry, Nirmala College for Women, Coimbatore on 24th February 2012.
- ❖ Presented a paper in the Conference on Recent trends of Green and Medicinal Chemistry organised by Department of Chemistry, Karpagam University, Coimbatore on 11th March 2015.

- ❖ Presented a paper in the Seminar on Emerging trends in frontiers of metal Organic Chemistry organised by Department of Chemistry, Nirmala College for Women, Coimbatore on 18th February 2016.
- ❖ Presented a paper in the National Conference on Innovations in Green Chemistry held on 17th March 2017, organized by the Department of Chemistry, PSG College of Arts & Science, Coimbatore.
- ❖ Presented papers in Nirmala Annual Congress (NARC – 2018) organized by the Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore on 04th December 2018.
- ❖ Presented papers in DBT Sponsored National Conference on Futuristic Intricate Stratagems in Computational Genomics (CGEN-2019) organized by the Department of Botany and Bio-informatics, Nirmala College for Women, Coimbatore on 24th and 25th January 2019.
- ❖ Presented papers in Nirmala Annual Congress (NARC – 2018) organized by the Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore on 27th November 2019.

15) Participation in Conference

- ❖ Participated in the International Conference on **Bioresource Technology (ICBRCT-2010)** organized by the Department of Botany, Nirmala College for Women, Coimbatore on 07th and 08th October 2010.
- ❖ Participated in the National Conference on **Current trends in Chemistry** organized by the Department of Chemistry, Bharathiar University, Coimbatore on 02nd and 03rd December 2010.
- ❖ Participated in the Conference on **Recent trends of Green and Medicinal Chemistry** organized by Department of Chemistry, Karpagam University, Coimbatore on 11th March 2015.
- ❖ Participated in the International Conference on **Recent Advances in Materials and Chemical Sciences (ICRAMCS – 2015)** organized by Department of Chemistry, Gandhigram Rural Institute, Gandhigram during 14th & 15th December 2015.
- ❖ Participated in the TEQIP –II First International Conference on **Energy, Environment and Engineering**, organized by the Department of Chemistry and Department of Mechanical Engineering, Coimbatore Institute of Technology, Coimbatore on 29th February, 01st and 02nd March 2016.

- ❖ Participated in the National Conference on **Innovations in Green Chemistry** held on 17th March 2017, organized by the Department of Chemistry, PSG College of Arts & Science, Coimbatore.
- ❖ Participated in DBT Sponsored National Conference on **Futuristic Intricate Stratagems in Computational Genomics (CGEN-2019)** organized by the Department of Botany and Bio-informatics, Nirmala College for Women, Coimbatore on 24th and 25th January 2019.
- ❖ Participated in the one day International Conference on **Contemporary Innovative Developments in Applied Biology** organized by the Department of Botany and Bio-informatics on 22nd January 2020.
- ❖ Participated in Virtual International Conference on **Advancements in Nanotechnology** held on 01st November 2020 in association with Association of Global Academicians and Researchers and Association of Indian Biologists, Tamil Nadu.

16) Participation in Seminar

- ❖ Participated in UGC Sponsored State Level Seminar on **Green Energy for Sustainable Living** organized by the Department of Chemistry, Nirmala College for Women, Coimbatore on 05th August 2005.
- ❖ Participated in Tamil Nadu State Council for Science & Technology Sponsored National Seminar on **Recent trends in Chemistry** organized by the Department of Chemistry, Nirmala College for Women, Coimbatore on 01st and 02nd March 2007.
- ❖ Participated in the Seminar on **Chemistry for Future** organized by the Post Graduate & Research Department of Chemistry, Government Arts College, Coimbatore on 29th December 2011.
- ❖ Participated in in the UGC Sponsored National Seminar on Chemistry – **A solution to Global Challenges** organized by Department of Chemistry, Nirmala College for Women, Coimbatore on 24th February 2012.
- ❖ Participated in National Seminar on **Advancements and Futuristic trends in Chemistry** organized by the Department of Chemistry, Kongunadu Arts and Science, Coimbatore on 11th September 2012.
- ❖ Participated in one day International Seminar on **Novel Approaches in Chemistry and its Environmental Impacts (NACE -15)** organized by KPR Institute of Engineering and Technology, Coimbatore on 26th September 2015.

- ❖ Participated in the Seminar on **Emerging trends in frontiers of metal Organic Chemistry** organized by Department of Chemistry, Nirmala College for Women, Coimbatore on 18th February 2016.
- ❖ Participated in the DST – SERB and BRNS Sponsored National Seminar on **Innovations in Chemical Sciences and Green Technology** organized by PSGR Krishnammal College for Women, Coimbatore on 06th and 07th September 2018.
- ❖ Participated in National Seminar Cum Medicinal Plant exhibition on **Complementary and alternative Indian System of Medicine** organized by Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore and Bharatheeya Nattuvaidhya Samithy, Trivandrum on 01st and 02nd February 2019.
- ❖ Participated a two day National Seminar on **Design, Advanced Characterization and Applications of Next Generation Energy Technology Nanomaterials** organized by the Department of Science & Humanities, PA College of Engineering and Technology, Pollachi on 25th and 26th April 2019.
- ❖ Participated in NAAC Sponsored National Seminar on **Quality Sustenance and Enhancement: Prospects for attaining Global Standards** organized by Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore on 09th and 10th January 2020.
- ❖ Participated in the ICSSR Sponsored National Symposium on **Exploration of Research Innovations: Its trends and Challenges** on 11th January 2020.

17) Participation in Workshop

- ❖ Participated in the workshop on **Current Developments in Chemistry** organized by the Post Graduate & Research Department of Chemistry, Government Arts College, Coimbatore on 07th and 08th February 2008.
- ❖ Participated in the two day workshop on **Self Avocation and Vocation** organized by the Department of Commerce (Aided), Nirmala College for Women, Coimbatore on 27th and 28th January 2011.
- ❖ Participated in the DST – PURSE Sponsored workshop on **Spectroscopy** organized by the Department of Chemistry, Bharathiar University, Coimbatore on 07th March 2012.
- ❖ Participated in the National level two days Hands on training Workshop on **UV – Visible and Fluorescence Spectroscopy (HUVF – 2015)** organized by the Department of

Chemistry, School of Science and Humanities, Karunya University, Coimbatore on 30th and 31st January 2015.

- ❖ Participated in one day State level workshop on **Computational Chemistry** on 14th August 2019 organized by Department of Chemistry, Sri Ramakrishna College of Arts & Science, Coimbatore.
- ❖ Participated in the Workshop on the **Revised Guidelines for the Accreditation Process of NAAC** on 07th March 2020 held at Nirmala College for Women, Coimbatore.
- ❖ Participated in Workshop on **Innovative Eco-systems, Incubation Centres and Start Ups for Higher Education** on 19th March 2020 held at Nirmala College for Women, Coimbatore.

18) Participation in Training Programme

- ❖ Participated in the National level two days Hands on training Workshop on **UV – Visible and Fluorescence Spectroscopy (HUVF – 2015)** organized by the Department of Chemistry, School of Science and Humanities, Karunya University, Coimbatore on 30th and 31st January 2015.
- ❖ Participated in the DST – CURIE Sponsored one day training programme on **Field Emission Scanning Electron Microscope (FESEM)** organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 24th November 2018.
- ❖ Undergone full time training course in **HPLC – Mass Technology** from 19th December to 22nd December 2018 organised by Karunya Institute of Technology and Sciences, Coimbatore.
- ❖ Participated in Training and Project Awareness Programme – **MANAV** on 12th February 2020 at Nirmala College for Women, Coimbatore.

19) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- ❖ Successfully completed a 4- Week Induction/ Orientation Programme for “**Faculty in Universities/ Colleges/ Institutes of Higher Education**” from 04th June to 01st July 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi Sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya and National Mission on Teacher and Training.

20) Participation in Faculty Development Programme

- ❖ Participated in the Faculty Development Programme on Innovative Teaching Strategies organized by Curriculum Development Cell, Nirmala College for Women, Coimbatore on 30th October 2019.

21) Conference/ Seminar/ Workshop Organized

- ❖ Served in the Organizing committee of **Chemistry for National Level Competitive Examination** – Orientation Workshop – 29th October 2018.
- ❖ Served in the Organizing committee of **Tuning Academic Research for Potential Funding Opportunities** – FDP - Funded under the DBT Scheme – 19th January 2019.
- ❖ Served in the Organizing committee of **History and Chemistry of Periodic Table** – Exhibition in Commemoration of International Year of Periodic Table of Chemical Elements – IYPT 2019 – Funded under the Star College Scheme, DBT, Govt of India - 19th September 2019.
- ❖ Served in the Organizing committee in Commemoration of **International Year of Periodic Table of Chemical Elements – IYPT 2019** – National Seminar - Funded under the Star College Scheme, DBT, Govt of India – 20th September 2019.
- ❖ Served in the Organizing committee of **Sustainable Innovations and Empowerment in Chemistry** – International Symposium – Video Conference – 18th December 2019.
- ❖ Intercollegiate Students Meet – CHEMFLAIR’ 20 – 21st January 2020.
- ❖ Served in the Organizing committee of **Contemporary Horizons in Chemical Sciences (CHCS 2020)** - International Seminar - 10th February 2020.

22) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop

- ❖ Served a resource person for District Level Training on “**New Text Book for Standard XII for PG Teachers**” for the year 2019-20 organized by District Institute of Education and Training (DIET) on 21st June 2019.