

## 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:** 7 Years                      **Research:** 13 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](mailto:dhivsanto@gmail.com)

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

9) **Additional Qualifications:**

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

10) **Grants Received**

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

11) **Projects**

**Completed**

<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>	<b>Duration</b>
Student Project Scheme	Tamil Nadu State Council of Science & Technology (TNSCST)	Rs.7,500/-	2019-2020
SEED Project	Nirmala College for Women, Coimbatore	Rs.10,000/-	01.12.2020 to 31.05.2021

## 12) Research Publications

- Stalin A, **Dhivya P**, Lin D, Feng Y, Ashraje AC, Gandhi MR, Kannan BS, Kandhasamy S, Reegan, AD, Cen Y, *Medicinal Chemistry* (2021) <https://doi.org/10.2174/1573406417666210727121654>
- **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, SectionA* (2016) 6(2), 596-602.
- RR Kumar, **P Dhivya**, SP Rajendran, *Journal of Chemical, Biological and PhysicalSciences, Section A* (2016) 6(3), 777-783.
- **P Dhivya**, JJ Caroline, SP Rajendran, *International Journal of Research and AnalyticalReview* (2018) 6(1), 1501-1506.
- PA Christy, **P Dhivya**, JJ Caroline, *Journal of Emerging Technology and InnovativeResearch* (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.
- **Dhivya P**, Rajendran SP, *International Journal of Humanities and Sciences* (2020) 1 (1): 145-150.
- Abinaya D, Brita John C, Vimali AP, **Dhivya P**, *Journal of the Maharaja Sayajirao University of Baroda* (2020) 54, 2(15), 101-108.
- Thachedam PF, **Dhivya P**, *Journal of the Maharaja Sayajirao University of Baroda* (2021) 55(1-6), 252-259.
- **Dhivya P**, Caroline JJ, *Journal of the Maharaja Sayajirao University of Baroda* (2021) 55(1-6), 284-292.
- Cathrien DSA, **Dhivya P**, *Journal of Oriental Research Madras* (2021) In Press.

### **Book Publications**

- ♣ Co-authored a book Personal and Home Care Products, ISBN 978-81-945441-5-9 (2020)
- ♣ Editor of the book Chemistry for Chemist, ISBN 978-81-948129-6-8 (2020)
- ♣ Co-authored a book Katrida Vendrida, ISBN - 978-81-950768-8-8 (2021)

### **Chapter Publications**

- ♣ Published a chapter entitled “Computer Aided Drug Designing (CADD) – A Perfect blend of Computational and biological Sciences” in the book – Recent Trends in Applied Sciences and Computational Engineering (RTASC) – A multidisciplinary Approach”, published by the Association of Global Academicians and Researchers, Tamil Nadu. (2021)
- ♣ Published a chapter entitled “Food Additives and Packing Materials” in the book – Textbook of Food Chemistry published by the Association of Global Academicians and Researchers, Tamil Nadu. (2021)

13) **Other Publications:** 25 Proceedings

### **14) Presentations in**

#### **ConferenceInternational**

- ❖ Presented a paper in the International Conference on **Bioresource Technology (ICBRCT- 2010)** organized by the Department of Botany, Nirmala College for Women, Coimbatore on 07<sup>th</sup> and 08<sup>th</sup> 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 14<sup>th</sup> & 15<sup>th</sup> 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 29<sup>th</sup> February, 01<sup>st</sup> and 02<sup>nd</sup> 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 19<sup>th</sup> February 2019.
- ❖ Presented a paper in Virtual International Conference on **Advancements in**

**Nanotechnology** held on 01<sup>st</sup> November 2020 in association with Association of Global Academicians and Researchers and Association of Indian Biologists, Tamil Nadu.

- ❖ Presented a paper in the International Conference in **Materials Science & Technology** organised by Department of Science & Humanities, Nehru Institute of Technology, Coimbatore on 26<sup>th</sup> July 2021 (Virtual Mode)
- ❖ Presented a paper in the in the International Conference on **Smart Materials Chemistry (CHEMSMAT - 21)** organised by the Department of Chemistry, St. Joseph's College, Trichy on 31<sup>st</sup> July 2021(Virtual Mode)
- ❖ Presented a paper at the International Conference on **Recent Advances in Basic and Applied Sciences** held at Faculty of Sciences, Baba Mastnath University, Asthal Bohar (Rohtak), on 27th-28th August, 2021

### **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 07<sup>th</sup> and 08<sup>th</sup> February 2008.
- ❖ Presented a paper in the National Conference on Current trends in Chemistry organized by the Department of Chemistry, Bharathiar University, Coimbatore on 02<sup>nd</sup> and 03<sup>rd</sup> 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 29<sup>th</sup> 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 24<sup>th</sup> 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 11<sup>th</sup> 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 18<sup>th</sup> February 2016.

- ❖ Presented a paper in the National Conference on Innovations in Green Chemistry held on 17<sup>th</sup> 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 04<sup>th</sup> 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 24<sup>th</sup> and 25<sup>th</sup> January 2019.
- ❖ Presented papers in Nirmala Annual Congress (NARC – 2018) organized by the Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore on 27<sup>th</sup> 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 07<sup>th</sup> and 08<sup>th</sup> October 2010.
- ❖ Participated in the National Conference on **Current trends in Chemistry** organized by the Department of Chemistry, Bharathiar University, Coimbatore on 02<sup>nd</sup> and 03<sup>rd</sup> December 2010.
- ❖ Participated in the Conference on **Recent trends of Green and Medicinal Chemistry** organized by Department of Chemistry, Karpagam University, Coimbatore on 11<sup>th</sup> 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 14<sup>th</sup> & 15<sup>th</sup> 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 29<sup>th</sup> February, 01<sup>st</sup> and 02<sup>nd</sup> March 2016.

- ❖ Participated in the National Conference on **Innovations in Green Chemistry** held on 17<sup>th</sup> 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 24<sup>th</sup> and 25<sup>th</sup> 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 22<sup>nd</sup> January 2020.
- ❖ Participated in Virtual International Conference on **Advancements in Nanotechnology** held on 01<sup>st</sup> 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 05<sup>th</sup> 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 01<sup>st</sup> and 02<sup>nd</sup> March 2007.
- ❖ Participated in the Seminar on **Chemistry for Future** organized by the Post Graduate & Research Department of Chemistry, Government Arts College, Coimbatore on 29<sup>th</sup> December 2011.
- ❖ Participated in the UGC Sponsored National Seminar on Chemistry – **A solution to Global Challenges** organized by Department of Chemistry, Nirmala College for Women, Coimbatore on 24<sup>th</sup> 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 11<sup>th</sup> 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 26<sup>th</sup> 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 18<sup>th</sup> 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 06<sup>th</sup> and 07<sup>th</sup> September 2018.
- ❖ Participated in National Seminar Cum Medicinal Plant exhibition on **Complementary and alternative Indian System of Medicine** organized by Department of Botany and Bio informatics, Nirmala College for Women, Coimbatore and Bharatheeya Nattuvaidhya Samithy, Trivandrum on 01<sup>st</sup> and 02<sup>nd</sup> 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 25<sup>th</sup> and 26<sup>th</sup> 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 09<sup>th</sup> and 10<sup>th</sup> January 2020.
- ❖ Participated in the ICSSR Sponsored National Symposium on **Exploration of Research Innovations: Its trends and Challenges** on 11<sup>th</sup> 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 07<sup>th</sup> and 08<sup>th</sup> 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 27<sup>th</sup> and 28<sup>th</sup> January 2011.

- ❖ Participated in the DST – PURSE Sponsored workshop on **Spectroscopy** organized by the Department of Chemistry, Bharathiar University, Coimbatore on 07<sup>th</sup> 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 30<sup>th</sup> and 31<sup>st</sup> January 2015.
- ❖ Participated in one day State level workshop on **Computational Chemistry** on 14<sup>th</sup> 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 07<sup>th</sup> 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 19<sup>th</sup> 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 30<sup>th</sup> and 31<sup>st</sup> 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 24<sup>th</sup> November 2018.
- ❖ Undergone full time training course in **HPLC – Mass Technology** from 19<sup>th</sup> December to 22<sup>nd</sup> December 2018 organised by Karunya Institute of Technology and Sciences, Coimbatore.
- ❖ Participated in Training and Project Awareness Programme – **MANAV** on 12<sup>th</sup>



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 04<sup>th</sup> June to 01<sup>st</sup> 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 30<sup>th</sup> October 2019.

#### 21) Conference/ Seminar/ Workshop Organized

- ❖ Served in the Organizing committee of **Chemistry for National Level Competitive Examination** – Orientation Workshop – 29<sup>th</sup> October 2018.
- ❖ Served in the Organizing committee of **Tuning Academic Research for Potential Funding Opportunities** – FDP - Funded under the DBT Scheme – 19<sup>th</sup> 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 - 19<sup>th</sup> 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 – 20<sup>th</sup> September 2019.
- ❖ Served in the Organizing committee of **Sustainable Innovations and Empowerment in Chemistry** – International Symposium – Video Conference – 18<sup>th</sup> December 2019.
- ❖ Intercollegiate Students Meet – CHEMFLAIR’ 20 – 21<sup>st</sup> January 2020.
- ❖ Served in the Organizing committee of **Contemporary Horizons in Chemical Sciences (CHCS 2020)** - International Seminar - 10<sup>th</sup> February 2020.

## 22) Membership in Professional Bodies

<b>Name of Professional Body</b>	<b>Nature of Membership</b>	<b>Duration</b>
IAENG Society of Chemical Engineering, Hong Kong	Life membership	Life time

## 23) 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 21<sup>st</sup> June 2019.

## 24) Awards/ Recognitions

⊖ Undergone **Innovation Ambassador Training** – Foundation Level (Phase II - 2021) organized by Institution’s Innovation Council under Ministry of Human Resource Development

⊖ Presented and Awarded first prize in Oral Presentation in International Conference in Materials Science & Technology organised by Department of Science & Humanities, Nehru Institute of Technology, Coimbatore on 26<sup>th</sup> July 2021 (Virtual Mode)

⊖ Awarded first prize in Oral Presentation in the International Conference on “Smart Materials Chemistry (CHEMSMAT - 21)” organised by the Department of Chemistry, St. Joseph's College, Trichy on 31<sup>st</sup> July 2021 (Virtual Mode)

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