

Dr. M.K. VALSAKUMARI

List of FDP's / Seminar/Workshop Participated

1. Participated in one week FDP on “Mastering research methodology Key insights for effective academic research” organized by Electronics and ICT Academy, IIT Guwahati from 24.02.2025 to 01.03.2025.
2. Participated in one week FDP on “Advanced tools and techniques for research methodology” organized by Indira Ganesan Institutions, Trichy from 03.02.2025 to 08.02.2025.
3. Participated in one week FDP on “Empowering innovation and research –A comprehensive FDP on Intellectual property and Rights” organized by Indira Ganesan Institutions, Trichy from 24.02.2025 to 01.03.2025.
4. Participated in one week FDP on “Frontiers in Chemical Research: Innovations and applications” organized by Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai from 10.02.2025 to 21.02.2025.
5. Participated in one week FDP on “Innovative trends in designing materials and mathematical modelling for sustainable development” organized by Vivekananda Arts and Science College for women, Salem on 27.01.1025 to 31.01.2025.
6. Participated in five days FDP on “Inculcating Universal Human Values in Technical Education” Organized by AICTE, New Delhi on 05.12.2024 to 09.12.2024
7. Participated in seven days FDP on “NEP 20 Orientation and sensitization Programme under Malaviya Mission Teacher Training Program of UGC organized by Malaviya Mission Teacher Training Centre, Gaya from 23.01.2024 to 31.01.2024
8. Participated in one week FDP on “Road map for Intellectual Property Rights” Organized by Jamal Mohamed College from 08.01.2024 to 08.01.2024.
9. Participated in one week FDP on “Emerging trends in chemical sciences” Organized by SRC, Trichy from 19.11.2023 to 25.11.2023.
10. Online FDP in “Recent advances in chemical sciences” by Saranathan College of Engineering, during 22 – 28th June 2020
11. Online webinar in “Materials and technology for sustainable development” (MTSD – 2020) by St. Joseph’s College, Autonomous, Trichy during 28 – 29th May 2020.
12. Three days online workshop organized by Gate Institute of Technology, Andra Pradesh, on” NAAC Assessment and Accreditation A step by step process”

List of Publications:

1. Characterization of fused deposition modeling components fabricated at different print orientations,”Engineering Research Express,5,2023,025019 (2023)
2. Biomolecules and microwaves directed fabrication for the degradation of textile dye

mixtures,”Research on intermediates, <https://doi.org/10.1007/s11164-022-04855-x>,2022 (2023)

3. Optical properties of Natural Dye sensitizers for the Applications of Dye sensitized solar cell”.Jundishpur Journal of Microbiology,Vol15,No.1,6574 (2022)
4. Preparation and nonlinear optical characterization of Fluorine-doped cadmium oxide thin films,”Applied Surface Science Advances ‘,11,2023,100294. Elsevier publications (2022)

Mr.A.SELVAKUMAR

List of FDP's / Seminar/Workshop Participated

1. Participated in one week FDP on “Innovative Trends in Designing Materials and Mathematical Modeling For Sustainable Development” Organized by Vivekanandha Arts and science college for women, Salem during 27 to 31st Jan 25
2. Participated in one week FDP on “Game- Changing Materials for High Performance Energy and Sustainable Healthcare Development” Organized by AICTE, New delhi during 03-08th Feb 25.
3. Participated in one week FDP on “Empowering Innovation & Research ;A Comprehensive FDP on Intellectual Property Rights(IPR)”Organized by Indra ganesan institutions, Trichy during 24th Feb 25 -01st March 25.
4. Participated in one week FDP on “Mastering Research Methodology :Key Insights for Effective academic Research” Organized by IIT,GUWAHATI in Association with Mookambigai college of engineering during 24th Feb 25 -01st March 25.
5. Participated in five days FDP on “Road Map for Intellectual Property Rights” Organized by Jamal Mohamed College, Trichy during 08-12th Jan 2024.
6. Participated in one week FDP on “Recent Avenues in Chemical Sciences” Organized by Saranathan engineering college, Trichy during 22-28th June 2020.
7. Participated in five days FDP on “Interdisciplinary Approaches on Chemical & Physical Sciences” Organized by Anna University, Trichy during 28th June 2020 -01st July 2020.
8. Participated in One day workshop on “Environmental Conservation and Sustainability-The need of the hour” Organized by Anna university, Trichy on 6th March 2020.
9. Participated in One week FDP on “Current Developments in Life Sciences” Organized by Anna university, Trichy on 19- 25th Aug13.

Mrs. R. RENUKA

List of FDP's / Seminar/Workshop Participated

1. Participated in one week FDP on “Mastering Research Methodology :Key Insights for Effective academic Research” IIT Guwahati In Association With Mookambigai College Of Engineering On 24.02.25 to 01.03.25

2. Participated in twelve weeks FDP on “Municipal Solid Waste Management” Organized by AICTE, on 2023
3. Participated in one day FDP on “Environmental Conservation and Sustainability” Organized by UCE, BIT campus, Anna University, Trichy on 06th March 2020

Dr. K.M. MOHAMED SHERIFF

List of FDP's / Seminar/Workshop Participated

1. Participated in one week FDP on “Mastering Research Methodology: Key Insights for Effective Academic Research” IIT Guwahati In Association With Mookambigai College Of Engineering On 24.02.25 to 01.03.25
2. Participated in one week FDP on “Innovative Trends in Designing Materials and Mathematical Modeling for Sustainable Development” Organized by Vivekanandha Arts and science college for women, Salem during 27 to 31st Jan 25
3. Participated in one week FDP on “State Level Faculty Development Program” Organized by Internal Quality Assurance Cell, B.M.S. College for Women, (Autonomous), Bengaluru on 19.08.24 to 24.08.24
4. Participated in five days FDP on “Road Map for Intellectual Property Rights” Organized by Jamal Mohamed College, Trichy during 08-12th Jan 2024.
5. Participated in twelve weeks FDP on “Air Pollution and Control” Organized by AICTE, IIT Madras, 2024
6. Participated in twelve weeks FDP on “Municipal Solid Waste Management” Organized by AICTE, IIT Madras, 2023
7. Participated in twelve weeks FDP on “Advancements in Applied Chemistry” Organized by AICTE, IIT Madras, 2020

List of Publications:

1. Statistical analysis of Groundwater quality on the bank of Noyyal River at Tiruppur, Tamilnadu, India. *Environmental Pollution and Protection*, Vol.2, No.4 (2017)
2. Evaluation of Groundwater quality and its suitability for irrigation use on the bank of Noyyal River at Tiruppur, Tamilnadu, India. *Environmental Pollution and Protection*, Vol.2, No.3 (2017)
3. Study of water quality index of groundwater on the bank of Noyyal River at Tiruppur, Tamil Nadu, India. *Archives of Applied Science Research*. 8 (1):17-19 (2016)
4. Distribution of trace metal concentrations in groundwater samples on the bank of Noyyal River at Tiruppur, Tamilnadu. *Asian Journal of Biochemical and Pharmaceutical Research*. Issue 1 (Vol. 5) (2015)

5. Assessment of Groundwater Quality for Irrigation on the Bank of Noyyal River at Tiruppur, Tamil Nadu, India, *International Letters of Chemistry, Physics and Astronomy*. Vol. 57, pp 1-6 (2015)
6. Correlation Study of Groundwater Quality on the Bank of Noyyal River at Tiruppur, Tamil Nadu, India. *International Journal of Nano Corrosion Science and Engineering*. 2(5), 197-202 (2015)
7. Removal of heavy metals from wastewater using low cost adsorbents. *Archives of Applied Science Research*, 6 (6):52-54 (2014)
8. Removal of heavy metals from wastewater using sugarcane leaf as Adsorbent. *Der Chemica Sinica*, 5(4):56-58 (2014)
9. Status of heavy metal concentrations in groundwater samples situated in and around on the bank of Cooum river at Chennai City, Tamil Nadu. *Journal of Chemical and Pharmaceutical Research*, 5(3):73-77 (2013)
10. Monitoring the quality of groundwater on the bank of Cooum river at Chennai City, Tamil Nadu, India. *Advances in Applied Science Research*, 3 (6):3587-3592 (2012)

Details of Papers Presented in National and International Conferences:

- Presented a paper entitled as Spatial Distribution of Groundwater quality on the bank of Noyyal River at Tiruppur, Tamilnadu, India in 4th International Conference on Recent Advances in Chemical and Environmental Research (ICRACER 2023)
- Presented a paper entitled as Statistical analysis of Groundwater Quality and its suitability for irrigation purposes on the bank of Noyyal River at Tiruppur, Tamilnadu, India in 4th International Conference on Chemical and Environmental Research (ICCER 2018) organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirapalli on 19th December **2018**
- Presented a paper entitled as Correlation Study of Groundwater Quality on the bank of Noyyal River at Tiruppur, Tamilnadu, India in International Conference on Chemical and Environmental Research (ICCER 2015) organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirapallion 17th December **2015**
- Presented a paper entitled as Removal of Heavy metals by Using Low cost and Eco-friendly Adsorbents in Two-Day National Conference on Current Scenario in Material Chemistry (CSIMC-2015) organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirapalli during 9th and 10th February **2015**
- Presented a paper entitled as Statistical Analysis of Groundwater Quality on the Bank of Noyyal River at Tiruppur, Tamilnadu, India in International Conference on Energy, Water and

Environment Science and Technology (ICEWEST-2015) organized by the PG and Research Department of Chemistry, Presidency College (Autonomous), Chennai during 05-06 February, **2015**

- Presented a paper entitled as Study of water quality index of Groundwater on the bank of Cooum River at Chennai city, Tamilnadu in International Conference on Chemical and Environmental Research (ICCER -2014) organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirapalli during 11-12th March **2014**
- Presented a paper entitled as Assessment of Physico-Chemical Status of Groundwater of Valavanur Area in Villupuram District, Tamilnadu, India in State Level Seminar on New Vistas in Chemistry (NVC-2012) organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirapalli during 4th and 5th January **2012**