



BIO –DATA

1. Name : **Dr. M.S. DHEENADAYALAN**
2. Date of Birth Age and : 02.10.1952 / 64 Years
3. Designation : Senate Member (Governor Nominee),
Alagappa University,
Former Principal,
At present Professor and Dean in P.G.
and Research Department of Chemistry,
G.T.N. Arts College, Dindigul. – 5.
Cell : 9380939942. Ph. 0451-2425863.
4. Educational Qualification and Academic Achievements : M.Sc., M.Phil., Ph.D.,
Received: National award in
Higher Education.
Chairman (Ex)
Board of Studies
M.K.U Madurai.

Ph.D., - Energy and Environmental Sciences,
M.K. University – 1997

M.Phil., - Energy and Environmental Sciences,
M.K. University – 1990

M.Sc., - Analytical and Inorganic Chemistry,
University of Madras– 1977

Best Research Supervisor Award,ISCA-2016

B.Sc., Special Chemistry,
G.T.N. College, Dindigul – 1974.
5. Teaching Experience and : 37 Years in G.T.N. College, Dindigul, as
Professor and Head, P.G. and Research
Department of Chemistry.

Administrative Experience : Principal at G.T.N. Arts College,
Dindigul.

Consultancy Service Offered :

1. Consultancy Offered to Tannery industries mainly on Waste water Treatment and pollution control measures.
2. Consultancy offered to Tamil Nadu Water supply and Drainage board (TWAD) in the field of water quality and management and natural water resources.
3. Consultancy offered to Naga group of chemical Industries in Dindigul and also to Angu Pharma – IV fluids unit, at Dindigul.
4. Participated in the state level conference on “Tannery pollution and Solutions” in Tamil Nadu., organized by Tanners.
5. Participated in the Guidance and counseling Programme to +2 students organized by the District Employment officer, Dindigul.
6. Participated in the Kodaganar river basin Management programme –organized by the District Collector, Dindigul.

Research Experience:

Number of M.Phil., Project Guided.,	:	150
Number of Ph.D., Completed	:	12
Number of Ph.D., to be submitted in July 2022	:	4
Number of Ph.D., undergoing	:	2
Number of Papers Presented in the National and International Conferences.	:	50
Number of Papers Published in the Inter National and National Journals.	:	35

PATENT PUBLICATION:

- ❖ **Indian Patent IPR #:** CBR number: 207936 Application number 373516-001
SOLAR STEEL HELMET. Applied date : 03/11/2022.

Membership in Academic Bodies:

All Indian Institute of Medical laboratory Technologist, Calcutta.

Publications:

- ❖ M.S.Dheenadhayalan, Effect of Doping in Copper Oxide Nanoparticles Studied
By X-Ray Diffraction, Bulletin Of Environment, Pharmacology and Life Sciences,
Volume 1, Year,(2022).
- ❖ M.S.Dheenadhayalan, Magnetic Nano Particle in Phenolic Waste Water
Treatment,Indian Journal of Natural Sciences, ISSN NO: 0976 – 0997, 13 (66),
'40572--40575,(2022).
- ❖ M.S.Dheenadhayalan, Assessment of an Industrial Effluents and Heavy Metals
Present in and Around Dindigul District, Indian Journal of Natural Sciences, ISSN
NO: 0976 – 0997, 12 (66), 32009-32014,(2021).

- ❖ M.S.Dheenadhayalan, Treatment for the Effective Removal of Heavy Metals from the Tannery Effluent by using Fly Ash from Thermal Power Plant Indian Journal of Natural Sciences, ISSN NO: 0976 – 0997, 12 (66), 32015-32022,(2021).
- ❖ M.S.Dheenadhayalan, Electric Power Production Using Photo Voltaic Cell. Journal of Applied Science and Computations, (JASC), ISSN NO: 1076-5131, 6 (4), 2542-2547, (2019).
- ❖ M.S.Dheenadhayalan, A Study of the Occupational Health Status of Sewage and Sanitary Workers in Avaniyapuram at Madurai District, IJRAR- International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, 6 (1), 286-289, (2019).
- ❖ M.S.Dheenadhayalan, Renewable And Non – Renewable Energy Sources. Journal of Applied Science and Computations, (JASC), ISSN NO: 1076-5131, 6 (4), 2582-2585, (2019).
- ❖ M.S.Dheenadhayalan, A Study of the Occupational Health Status of Sewage and Sanitary Workers in Avaniyapuram at Madurai District, J. Environ. Nanotechnol. ISSN - 2319-5541, Volume 8(1), 42-46, (2019).

- ❖ M.S.Dheenadhayalan, synthesis and characterization of silver nanoparticles Using leaf extract of “sansevieria roxburghiana” and its application of water treatment, IJRAR- International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, 5 (4), 195-203, (2018).
- M.S.Dheenadhayalan, A Study on the Nanotechnology in Water and Waste Water Treatment. IOSR Journal of Applied Physics (IOSR-JAP), 10 (4), 28-31, (2018).
- M.S.Dheenadhayalan, Water Quality Index Of Treated Wash water From Distillery After Treatment Using Rotating Biological Contactor, International Journal of Innovative Research and Advanced Studies (IJIRAS),3(12), 1-3 (2016).
- M.S.Dheenadhayalan, seasonal variation of cauvery river due to discharged industrial effluents at pallipalayam in namakkal, Rasayan j.Chem,8 (3), 380-388 (2015).
- M.S.Dheenadhayalan, Prosopis juliflora Carbon and Commercial Activated Carbon in the Removal of Manganese (II) Ions from Aqueous Solution, Recent Advances in Surface Science, ISBN 978-93-82338-36-9, (2014).
- M.S.Dheenadhayalan, Study of Ground Water Quality at Selected Locations in Dindigul District, India, Journal of Advanced Chemical Sciences,1(2), 67-69 (2015).

- M.S.Dheenadhayalan, The assessment of ground water quality due to the impact of iron industry effluent at kulathur, dindigul, World Journal of Pharmacy and Pharmaceutical Science, 3 (2), 2512-2520, (2013).
- M.S.Dheenadhayalan, Remedial Study of Iron Industry Effluents using Reverse Osmosis Technology, Eur. Chem. Bull., 1(5), 161-167 (2013).
- M.S.Dheenadhayalan, A study of nanotechnology in wastewater, International Journal of Research in science engineering and technology,1(3), 1- 7 (2016).
- M.S.Dheenadhayalan, Remedial Study of Iron Industry Effluents using Reverse Osmosis Technology, Eur. Chem. Bull., 5(2), 43- 45 (2016).
- M.S.Dheenadhayalan, A Study of the Physico-Chemical Analysis of the Ground Water and Surface Water due to the Impact of Iron Industries Effluents With Special Reference to the Prevalence of Dental Fluorosis in and around Panjapur-Trichy District – Tamil Nadu. World Journal of Pharmacy and Pharmaceutical Science, 5 (12) 2016.
- M.S.Dheenadhayalan, Assessment of Physico-Chemical Parameters of River Cauvery in and around Nerur, Journal of Environmental Science and Pollution Research,1(1) 2015 17-19.
- M.S.Dheenadhayalan, Assessment of the Work-Related Health Status of Iron Industry Workers in Kulathur at Dindigul District, Eur. Chem. Bull., 4(6), 303-305 (2015).
- M.S.Dheenadhayalan, A Study of the Ground Water Quality and Discharge of Untreated Textiles in the Dyeing Effluents in and around Chellandipalayam in

Karur District, International Journal of Chemical and Physical Sciences, ISSN:2319-6602,Vol.4,No. 3,(2015).

- M.S.Dheenadhayalan, Studies on the Utilization of Solar Energy for the Treatment of Dyeing Industry Effluent, International Journal of Innovative and Applied Research, ISSN 2348 – 0319 , Volume 2, Issue (11): 49- 54,(2014).
- M.S.Dheenadhayalan, Geochemical Studies of Ground Water at the Eastern Side Dindigul Rock Fort due to the Impact of Sewage and Industrial Effluent J. Environ. Nanotechnol. Volume 3(2), 156-160, (2014).
- M.S.Dheenadhayalan, Studies on the use of Solar Energy for the Treatment of Iron Industry Effluent, Research Journal of Recent Sciences, ISSN 2277-2502, Vol. 3, 1-8 (2013).
- M.S.Dheenadhayalan, A Study of the Quality of Ground Water from Maruthanikulam Area due to Flow of Industrial Effluent and Sewage at Pillaiyar Natham of Dindigul District, J. Environ. Nanotechnol. Volume 3(2),168-172, (2014).
- M.S.Dheenadhayalan, Geo Chemicals and Water Quality Assessment in Ground Water in and around Iyankulam Pond due to the Discharge of Tannery Effluents in Dindigul, J. Environ. Nanotechnol. Volume 3(2), 182-187, (2014).
- M.S.Dheenadhayalan, A Study of the Impact Of Chemical Industries Effluent in River Cauvery at Mettur Dam in Salem District J. Environ. Nanotechnol.Vol.3(3),36-40,(2014).

- M.S.Dheenadhayalan, Treatment Study of Dyeing Industry Effluents using Reverse Osmosis Technology, Research Journal of Recent Science, ISSN 2277-2502, Vol. 3, 1-8 (2013).
- M.S.Dheenadhayalan, Studies on the utilization of solar energy for the treatment of dyeing industry effluent, International Journal of Innovative and Applied Research, ISSN 2348-0319, 2(11), 49-54- (2014).
- M.S.Dheenadhayalan, A Study of Ground Water Quality on the Bank of Santhanavarthini River, Dindigul Town, Tamil Nadu, India, Journal of Environmental Science and Pollution Research, 1(1) 15-16, 2015.
- Dheenadayalan. M.S. Sivakumar K.K. Physico Chemical Assessment of water quality of River Mullai Periyar in Cumbum Town Area of Theni District. Proce. National Conference on Trends in Renewable Energy Vol – I No. 209-2011 1st Feb 2012.
- Dheenadayalan M.S Sivakumar K.K. Assessment Studies on waste water pollution by Textile Dyeing and Bleaching industries at Karur, Tamil Nadu.s Rasayan. J. Chem. Vol – 4. No. 2 (2011), 264-269 Issn. 0974-1496.
- Dheenadayalan M.S. Prathiba. V. Impact of sewage water on the quality of surface and ground water in Maruthanathi River at Ayyampalayam of Dindigul District. Trends in Kalis Research Vol 5(1) June 2011.

- Dheenadayalan, M.S, Sivakumar, K.K. Distribution of heavy metals profile in water and soil system at Amaravathi River Basin at Karur. Trends in Kalis research Vol (5) (1) June 2011.
- Dheena Dhayalan. M.S., Sooriya Kumari M.V. Soil Pollution. Assessment studies along the banks of Amarvathi River Bank in Karur areas of Tamil Nadu. E.J. Chem. Journal of Chemistry Vol(5) July 2011.
- Dr. M.S. Dheenadayalan.,MD.Saravana Balaji M.D.S “A study to Validate the Estimation for the Determination of Oxcarbazepine Tablet in Dosage form as per ICH Guideline Parameters. J. Chem Pharma Res. 2011. 3(5) 121-107.
- Dheenadayalan M.S., Sooryakumari M.V. Impact of Hospital waste water in the Ground water Quality on the Banks of Gopalamuthiram Pond in Dindigul. J. Environmental Health Vol 64 (1) July 2010.
- Dheenadayalan M.S. Saravana Balaji M.D. “Study of the Physico, Chemical and Bacteriological Quality of water in salaiyur Pond of Seelapadi in Dindigul District. J. Environmental Health Vol 26 (2) Aug 2011.
- Dheenadayalan M.S. Saravana Balaji M.D. Physico, Chemical analysis of M. Subulapuram Pond water at Theni District due to discharge of sewage water. Proce. of Recent trends in Chemistry Page 65-68.

- Dheenadayalan M.S. “ Prospective view of the Employable skills oriented. Education in the New choice Base Credit System. Trends in Kalis Research, Vol 4(1) June 2011.
- Dheenadayalan M.S. Ramakrishnan D. “ A Studies of the Physico chemical analysis of ground water due to the impact of Sewage water at Chinalapatti of Dindgiul District. Trends in Kalis Research Vol 4(1) June 2010.
- Dheenadayalan M.S., Ramakrishnan D. Prospective Employable skill oriented Innovative courses for Higher Secondary Students. Trends in Kalis Research, Vol 4 (2) June 2010.
- Dheenadayalan M.S., Sooryakmari M.V. “ A Studies of the Physico chemicals analysis of Ground water due to the impact of sewage water at Bodi Nayakanur. J. Pollution Research Vol 6 Page. No. 292 to 298.
- Dheenadayalan M.S., Soorymoorthi C.E. Fact finding Team of Scientists to Investigate into the sources for the gas Leakage to 97 Girls of Ramesh Flower Complex in the sipcot complex at Tuticorin.
- Dheenadayalan M.S, Sivakumar K.K. Biosorption of heavy metals from aqueous solution by Tamarind and Neem Leaves. J. water and W.H.D 10 – 20.2011.

- Dheendadayalan M.S. Sivakumar K.K. Behaviour of Chloride and Sodium contaminations in ground water. J. Chem Bio. Phy. Sci, 2011 Vol 1 No2 Sec. A. 213-219.
- Dheenadayalan M.S. Sivakumar K.K. Assessment study on Santhanavarthini River due to Effluent discharge by the Textile Industries and Tannery in Dindigul. International. J. Chemistry and Vol 2, No. 1(2010), P.P. 89-94.
- Dheenadayalan M.S. Sivakumar K.K. Prosopis juliflora carbon and commercial activated carbon in the removal of cod from aqueous solution. J. Chem Pharm, Res. 2011, 3(5) 101-107.
- Dheendadayalan M.S. Sivakumar K.K. Environmental Socio Economic Impact of Industrial Pollution on the Ground water quality study on optimization of resource. Proce. National. Conference on Trends in Renewable Energy Vol 1 No. 149-152 Ist Feb 2012.

PAPER PRESENTED IN THE CONFERENCE

1. Presented a paper in the International Conference on “Advanced Materials Chemistry at the Interface of Energy, Environment and Medicine ” (AMCI-2019) held on 30th & 31th January 2013 at Manonmaiam Sundaranar University, Tirunelveli.
2. Presented a paper in the National Conference in “Botanicals and Pytochemicals: The Challenges and Promise for Health care and Drug Development” held on 4th February 2016 at Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul.
3. Presented a paper in the Two day National Conference in “Current Scenario in Material Chemistry (CSIMC-2015)” held on 9th & 10th - FEB-2015 at Jamal Mohammed College, Trichy.
4. Presented a paper in the UGC Sponsored One day National Seminar in “Recent Advances in Chemistry (RAC-2015)” held on 18th - MARCH - 2015 at P.G. and Research Department of Chemistry, G.T.N. Arts College, Dindigul. – 5.

5. Presented a paper in the International Conference in “Chemical and Environmental Research” held on 11th & 12th - MARCH -2014 at Jamal Mohammed College, Trichy.
6. Presented a paper in the International conference in “Chemistry in Synergy with Materials and Biology (ICMB – 2014)” held on 10th & 11th January 2014 at Bishop Heber College, Trichy.
7. Presented a paper in the National Conference in “Global Oppertunities for Recent Developments in Science and Technology” held on 8th February 2014 at Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul.
8. Presented a paper in the National Conference on “Recent Advances in Water and Wastewater Treatment” held on 21th & 22th - MAR-2014 The Gandhigram Rural Institute-Deemed University, Gandhi gram, Dindigul.
9. Presented a paper in the International Conference in “Biological Inorganic Chemistry (ICBIC – 2013)” from 20 to 23 February 2013 at Periyar University, Salem.

10. Presented a paper in the International Conference in “3rd International Science Congress (ISC – 2013)” held on 8th & 9th December 2013 at Karunya University, Coimbatore.

11. Presented a paper in the International Conference in “5th International Ground Water Conference (IGWC – 2012)” held on 20th December 2012, at Maulana Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra, India.

12. Presented a paper in the International conference in “ CSIR Sponsored National Seminar on modern Trends in chemistry and Green Chemistry” from 23rd to 24th February 2012 at PSNA College Dindigul.

13. Presented a paper in the International work shop and conference in “Renewable Energy and climate change Exploring opportunities for sustainable Development” from 5th to 7th April 2012 at Madurai Kamaraj University.

14. Presented a paper in the National Conference in “Environment, Biodiversity and Bioethics – Current Trends and Future perspective -2012” from 23rd to and 24th of March 2012 at Annamalai University.
15. Presented a Paper in the National conference on Emerging Trends in Chemistry” held on 11 January 2012 at Bishop Heber College Trichy.
16. Presented a paper in the 4th International Groundwater conference “The impact of climate change on ground water resources with special reference to hard rock Terrain” from 27 to 30 September 2011 at Yadava college Madurai.
17. Presented a paper in the inter college workshop on “ Drinking water quality assessment” held on 10th February 2012 at Yadava College Madurai. .
18. Presented a paper in the International workshop on “the art of Journal and thesis writing Wastbew 2012” held on 5th January 2012 at Prist University Thanjavur.

19. Presented paper in the National Conference on “Recent Advances in textile and Electro chemical Sciences -2012 (Rates -2012)” on 22nd and 23rd March 2012 at Alagappa Universtiy Karaikudi.

20. Presented a Paper in the National Seminar on Water vision -2004 held from 6th to 8th October 2004 at PSGR Krishnammal College for women Coimbatore.

21. Presented a paper in the International Conference on “The Challenges and strategies for the sustainability of safe Drinking water” held from 25th to 27th October 2006 at Gandhigram Rural University.

22. Presented a Paper in the National Seminar on “Recent Developmetns in Green Chemistry” from 22nd to 23rd July 2009 at Sri Ramakrishna Mission Vidhyalaya College of Arts and Science Coimbatore .

23. Presented a paper in the National Seminar on “Impact of Tannery Effluent on the Health of the People” from 25th to 26th at Madurai Kamaraj University.

24. Presented a paper in the National Seminar on “ Water Quality Surveillance and sustainable issues “ from 10th to 13th December 1997 at Gandhigram University.
25. Presented a paper in the “Refresher course in Chemistry for College Teacher” Conducted by the M.K. University.
26. Presented a paper in the National Symposium on in Environmental and its conservation held on 31.12.1989 at New Delhi.
27. Presented a paper in the International Conference On “The Challenges and strategies for the sustainability of safe Drinking water “from 25th to 27th October 2006, at Gandhigram University.
28. Presented a Paper in National Conference on “Indian Educational fellowship” held at national HRD Mission Chennai.
29. Presented Paper in National Conference on water quality from 10 to 13th December 1997 held at Gandhigram Rural University.
30. Presented a Paper in the National Conference on “Biomass Based Power Project” held at Gandhigram Rural University.

31. Presented a Paper in the National Seminar on “Renewable Energy Resources” held from 4th to 5th March 2010 at Yadava College Madurai.

WORKSHOP/ SYMPOSIUM /TRAINING PROGRAMMES ATTENDED:

- ❖ Five days FDP on “QUALITY ENHANCEMENT STRATEGIES FOR HIGHER EDUCATION INSTITUTIONS Organized by IQAC, Sri Sarada College for women, (Autonomous), Salem, from 05/1/2022 – 12/1/2022.
- ❖ One Day Workshop on “Examination Reforms in Higher Education” held on 19th September 2018, at G.T.N. Arts College, Dindigul.
- ❖ International Workshop on “Bio Sensors and Bio Electronics” held on 5th October 2017 at V.P.M.M Arts and Science College for Women, Krishnankoil.
- ❖ One Day Workshop on “Designing and Create Website Using free Tools” held on 2nd September 2017, at G.T.N. Arts College, Dindigul.
- ❖ National Symposium on “Recent Developments in Chemistry (RDC-2016)” held on 4th June 2016 at Madurai Kamaraj University, Madurai.

- ❖ National work shop on “Recent advancements in chemical synthesis” held on 28th JANUARY 2014 at Sri G.V.G. Visalakshi College for Women Udumalpet.
- ❖ Indian Academies of Science Sponsored Lecture Workshop on “Recent Trends in Chemistry (RTC – 5)” held on 15th & 16th December, 2011, at Jeyaraj Annapackiam College for Women, Periyakulam, Theni.
- ❖ State Level One Day Workshop on “Mushroom Cultivation” held on 13th March 2012, at G.T.N. Arts College, Dindigul.
- ❖ International Workshop on “Renewable Energy and Climate Change – Exploring Opportunities for Sustainable Development” from 5th to 7th April 2012, at Madurai Kamaraj University, Madurai.
- ❖ Inter – Collegiate Work shop on “Drinking Water Quality Assessment” held on 10th February 2012, at Yadava College, Madurai.
- ❖ “Impact of the Nano world with Nano materials,” National Seminar on Nano World Organized by APA college of Arts and Culture Palani.

PAPER SETTERS / EXAMINER SHIP IN OTHER INSTITUTIONS

- ❖ Government Arts College (Autonomous), Karur,
- ❖ Vivekananda College, Madurai,

- ❖ VHNSN College (Autonomous), Virudhunagar
- ❖ Sri Kaleeshwari College (Autonomous), Sivakasi.
- ❖ VVV College for Women, Virudhunagar,
- ❖ Hajee Karutha Rowther Howdia College, Uthamapalayam.
- ❖ Madura College, Madurai,
- ❖ Gobi arts and science college, Gobisetipalayam.

PAPER VALUATION / EXAMINER SHIP IN OTHER INSTITUTIONS

- ❖ Government Arts College (Autonomous), Karur
- ❖ Vivekananda College, Madurai,
- ❖ VHNSN College (Autonomous), Virudhunagar
- ❖ Sri Kaleeshwari College (Autonomous), Sivakasi.
- ❖ VVV College for Women, Virudhunagar.
- ❖ Gobi arts and science college, Gobisetipalayam.

FIELD OF SPECIALIZATION:

- ❖ Organic Chemistry.
- ❖ Environmental Chemistry,
- ❖ Water Chemistry,
- ❖ Industrial chemistry,
- ❖ Polymer Chemistry,
- ❖ Green Chemistry,
- ❖ Nano Chemistry,

NO OF M.Sc., PROJECTS:

- ❖ Guided - **75**
- ❖ Guiding - **20**

PROGRAM ORGANIZATION:

- ❖ One day National Level Seminar on “RECENT ADVANCES IN CHEMISTRY”
(RAC-2016), PG and Research Department of Chemistry, G.T.N Arts College,
Dindigul, Tamilnadu (8th MAR 2016).

- ❖ UGC Autonomy Grand Sponsored National Conference on “RECENT TRENDS IN CHEMISTRY SOLAR ENERGY AND NANO SCIENCE” (Sens-2019), PG and Research Department of Chemistry, G.T.N Arts College, Dindigul, Tamilnadu (8th MAR 2019).

- ❖ National Conference on Recent Trends in Chemistry (RTC-2019), PG and Research Department of Chemistry, G.T.N Arts College, Dindigul, Tamilnadu (27th October 2019).

- ❖ National Webinar on “APPLICATION OF NMR SPECTROSCOPY AND CHROMATOGRAPHY IN CHEMISTRY”. PG and Research Department of Chemistry, G.T.N. Arts College, Dindigul, 25th November 2021,

- ❖ One day National Level Seminar on “IDENTIFYING INTELLECTUAL PROPERTY COMPONENT AT THE EARLY STAGE OF INNOVATION” PG and Research Department of Chemistry, G.T.N Arts College, Dindigul, Tamilnadu (10th Jsn 2022).

Ph.D AWARDED LIST:

S.NO	Name of Research Scholar	Title of the Thesis	University	Year of Award
1	K.KARUPPASAMY ALIAS SIVAKUMAR	STUDIES ON WATER CHEMISTRY AND ENVIRONMENTAL POLLUTION IMPACT OF TEXTILE DYEING AND BLEACHING INDUSTRIES IN AMARAVATHY RIVER AT KARUR DISTRICT, TAMILNADU	Madurai Kamaraj University	2012
2	C.BALAMURUGAN	ENVIRONMENTAL IMPACT IN AND AROUND VAIGAI RIVER AT MADURAI REGION DUE TO THE DISCHARGE OF INDUSTRIAL EFFLUENT AND DOMESTIC SEWAGE	Madurai Kamaraj University	2012
3	D.RAMAKRISHNAN	THE IMPACT OF INDUSTRIAL EFFLUENTS ON RIVER MULLAI PERIYAR OF THENI DISTRICT; PHYSICO – CHEMICAL AND HEAVY METAL ANALYSIS ON THE SURFACE AND GROUND WATER	Madurai Kamaraj University	2013
4	L.LEENA HEBSIBAI,	IMPACT OF SEWAGE AND INDUSTRIAL EFFLUENTS IN THE ASSESSMENT OF GROUND WATER POLLUTION IN AND AROUND INDUSTRIAL ESTATE AND VANDIYUR LAKE AT MADURAI	Madurai Kamaraj University	2013
5	T.R. KALAIVANI	ASSESSMENT OF ENVIRONMENTAL POLLUTION IMPACT IN COOUM RIVER AT CHENNAI CORPORATION LIMIT, TAMIL NADU	Madurai Kamaraj University	2013
6	K.SNEKA LATHA,	ENVIRONMENTAL IMPACT OF INDUSTRIAL EFFLUENTS ON CAUVERY RIVER AT PALLIPALAYAM OF NAMAKKAL DISTRICT, TAMIL NADU	Periyar University	2016
7	A. JESU	ENVIRONMENTAL IMPACT OF SHANMUKHA RIVER AT PALANI DUE TO THE DISCHARGE OF SEWAGE AND INDUSTRIAL EFFLUENT WITH SPECIAL REFERENCE TO SURFACE WATER, GROUND WATER, TOXIC HEAVY METALS AND ITS EFFECT ON THE HEALTH STATUS OF THE PEOPLE	Manonmaniam Sundaranar University	2017
8	A.PANDIARAJAN	ENVIRONMENTAL IMPACT AT SANTHANAVARTHINI RIVER IN DINDIGUL DUE TO THE DISCHARGE OF INDUSTRIAL EFFLUENTS AND THE STUDY OF THE RIVER WATER,	Bharathiar University	2017

		GROUND WATER, HEAVY METALS WITH SPECIAL REFERENCE ON THE HEALTH STATUS OF THE PEOPLE		
9	M.VELUSAMY	ASSESSMENT OF ENVIRONMENTAL POLLUTION IMPACT IN AMARAVATHY RIVER AT KARUR CORPORATION LIMIT, TAMIL NADU	Bharathiar University	2018
10	IGNATIUS NAVIS KARTHIKA	THE IMPACT OF INDUSTRIAL EFFLUENTS ON RIVER KODAKANAR OF DINDIGUL DISTRICT; PHYSICO – CHEMICAL AND HEAVY METAL ANALYSIS ON THE SURFACE AND GROUND WATER	Bharathiar University	2019
11	K.KANDASAMY	A STUDY OF THE SEASONAL VARIATION OF PHYSICO-CHEMICAL AND HEAVY METALS CHARACTERISTICS IN THE SEWAGE WASTES, GROUND WATER AND THE OCCUPATIONAL HEALTH STATUS, OF THE PEOPLE IN THE AVINAYAPURAM TREATMENT PLANT, AT MADURAL.	Manonmaniam Sundaranar University	2021

PROFESSIONAL RECOGNITION, AWARDS, FELLOWSHIPS RECEIVED:

- ❖ Best Researcher Award 2016.
- ❖ National Award – 1986.
- ❖ Received best paper Award in Various National Conference.
- ❖ Merit admission in M.Sc,
- ❖ Produced university I, II, III rank from 2010-2017.

LABORATORY EXPERIMENTS HANDLED:

Organic chemistry

- ❖ Single and double stage organic compound preparation.
 - ❖ Organic compound separation and organic qualitative analysis
- Determination of phase diagram for two component system

Inorganic chemistry

- ❖ Inorganic semi-micro analysis
 - ❖ Inorganic metal complex preparation
- Determination of molecular weight by using TT apparatus

Physical chemistry

- ❖ Potentiometric titration
- ❖ Colorimetric titration
- ❖ Determination of acid strength using potentiometric titration

Techniques Known

- ❖ Chromatography
- ❖ spectroscopy
- ❖ chemical preparation

- ❖ Chemical precipitation
- ❖ calorimetry
- ❖ crystallography
- ❖ water parameter analysis

Instruments Handled

- ❖ HPLC
- ❖ X-ray diffraction (Rigaku Mini Flex-500 and ADX-2500)
- ❖ SEM (JEOI-SEM 6360)
- ❖ AAS
- ❖ FTIR
- ❖ UV-Vis spectrum

RESEARCH INTERESTS:

- ❖ Water chemistry,
- ❖ Pharmaceutical Chemistry,
- ❖ Green Chemistry,
- ❖ Industrial Chemistry,
- ❖ Nano Chemistry,
- ❖ Solar Energy.

COMPUTER SKILLS:

- ❖ M.S Office,
- ❖ C , C++,
- ❖ Photoshop,
- ❖ Visual basic.

PROJECTS TO BE CARRIED OUT:

- ❖ Ground water Pollutions,
- ❖ Waste Water treatment,
- ❖ Waste Water treatment and management,
- ❖ Ground water Mathematical Model,
- ❖ Adulteration,
- ❖ Pharmaceutical chemistry,
- ❖ Conventional Energy,
- ❖ Non-Conventional Energy,
- ❖ Solar Energy.

MY FUTURE PLANS FOR THE DEVELOPMENT OF THE UNIVERSITY

My expertise knowledge, administrative ability as the Principal and research experience can be effectively utilized to benefit the University both academically and administratively.

My experience in “Water shed management” will help to “green” the campus and the colleges.

I have plane to enrich the correspondence courses in rural and urban areas.

I am interested in implementing a clean, peaceful and efficient administration for the welfare of the university, and affiliated colleges.

I have closer links with the talented students and professors from various Universities and also with the Government so that peaceful environment conducive to higher education can be maintained.

I wish to convert the University as a Model University to serve for the students community in the state.

I believe in transparent policy, good administration and co-operative managements with due support from the Government.

PROPOSED UNIVERSITY DEVELOPMENTAL ACTIVITIES

1. I have plans to get the Autonomous system and also NAAC to deserving colleges.
2. I have plans for Energy plantation in the available land.
3. I have plants to create awareness about the solar Energy utilization to all the colleges in the state.
4. I have plans for Rain water harvesting Technology by Artificial percolation tank.
5. I have some idea for the maximum utilization of Solar Energy by installing solar equipments for generating Electricity to all the Departments in the University.
6. I am interested to start career guidance and coaching centers for T.N.P.S.C and I.A.S. Examination in the colleges and also I have plan introduce job oriented courses through “Add on courses” offered by UGC.
7. I have plans to start job oriented courses and self employments courses like, solar Energy Conversion, Leather Technology, Tourism guide Training, Music and Fine Arts, etc.
8. I have plans to start degree course in physical education in various colleges and to conduct regular health check up camps, for the students from WUS.



Dr.M.S.Dheenadayalan - Rececving the National Award from shri Vasanth Sathé Union Minister, Govt of India at New Delhi, for his INNOVATIVE IDEAS IN HIGHER EDUCATION





