



Profile

1. **NAME:** : Dr.N.MANONMANI
2. **QUALIFICATION** : M.Sc.,M.Phil.,B.Ed.,Ph.D.,
3. **DESIGNATION &DEPARTMENT** : ASSOCIATE PROFESSOR & HEAD OF THE DEPARTMENT
4. **Email** : manosushmi@gmail.com

5. **EDUCATIONAL QUALIFICATION:**

Schooling in St. Josephes Convent Higher Secondary School in Nagercoil

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUTION
1	Ph.D	CHEMISTRY	2007	S.T.HINDU COLLEGE , NAGERCOIL
2	M.Phil	CHEMISTRY	1999	S.T.HINDU COLLEGE , NAGERCOIL
3	B.Ed	PHYSICAL SCIENCE	1995	M.S.UNIVERSITY EDUCATION CENTRE, NAGERCOIL
4	M.Sc	CHEMISTRY	1995	M.S.UNIVERSITY DEPARTMENT
5	B.Sc	CHEMISTRY	1991	VIVEKANANDA COLLEGE, AGASTHEESWARAM, K.K.DISTRICT

6. **TEACHING EXPERIENCE:**

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Lecturer	Sri Sarada College forwomen Tirunelveli	19.07.1996- 16.08.1999	3yrs&19days

2.	Lecturer	Sun College of Engineering & Technology, Nagercoil	18.07.2002-16.08.2004	2yrs&1 month
3.	Lecturer	SSM College of Engineering, Komarapalayam	23.12.2004-23.02.2005	6 months
4.	Head & Senior Lecturer	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur	20.06.2005-23.02.2011	6 yrs
5.	Assistant Professor	Sri Meenakshi Govt.Arts College for women(A), Madurai-2	28.02.2011-28.02.2023	13 yrs
6	Associate Professor	Sri Meenakshi Govt.Arts College for women(A), Madurai-2	28.02.2023-04.12.2024	1 year 10 months
7	Associate Professor	Government Arts and Science College, Kanyakumari.	05.12.2024(From)	-
Total Teaching Experience				26 years&6months

7. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	Chemistry	Madras University	04.05.2011-03.06.2011
2.	Refresher	Environmental Studies	UGC Academic Staff College, M.K.University	01.03.2013-21.03.2013
3.	Refresher	Chemistry	UGC Academic Staff College, M.K.University	16.11.2018-06.12.18
4	Refresher	Chemistry	Pondicherry University	14-07.2021-28.07.2021
5	Refresher	Chemistry	Teaching Learning Centre, Ramanujan College, University of Delhi	22.08.2022-05.09.2022
6	Refresher	Chemistry	Teaching Learning Centre, Ramanujan College, University of Delhi	15.12.2023- 29.12.2023

8. Area Of Specialization:

1. Solid State Chemistry
2. Environmental Chemistry

9. LIST OF PUBLICATIONS : (INTERNATIONAL REPUTED JOURNALS)

1. Growth and vibrational spectroscopic studies of some incommensurate crystals
N.Manonmani, R.Kesavamoorthy,C.K.Mahadevan
Physica B 393 (2007) 228-234
2. Growth and studies of the New Crystal formed with NaCl and CaCl₂
N.Manonmani, C.K.Mahadevan, and V.Umayorubhagan
Materials and Manufacturing Processes
22: 388-392,2007
3. Growth and Studies of Two New Potassium Compound crystals
N.Manonmani, C.K.Mahadevan, and V.Umayorubhagan
Materials and Manufacturing Processes 23: 152-158,2008
4. Observations on Physico-Chemical Characteristics of the water of Narikulam Tank in Kanyakumari District, India
N.Manonmani
Int.J.Chem.Sci: 8(1),2010, 537-552
5. Investigating The Quality of Water Available in The *Palayanoor* Village of The *Sivaganga* District in Tamil Nadu, India
N.Manonmani
© April 2022 | IJIRT | Volume 8 Issue 11 | ISSN: 2349-6002 (Page No: 862-867)
6. Investigating The Quality of Water Available in Surya Nagar of Madurai District in Tamil Nadu, India
N.Manonmani
© February 2024 | JECET | Sec-A,Volume 13 No:1,001-007 | ISSN: 2278-179X

10. ARTICLES PUBLISHED IN MAGAZINES/BOOKS

1. **CURCUMIN**: Potent in the fight against cancer
Dr.N.Manonmani
Vivekananda College Magazine (P-5) 2012
2. டி.டி.சி 150
சுதந்திரப் படை படைப்புகள் டி.டி.சிதம்பரனார்
Dr.N.Manonmani
Sri Meenakshi Government Arts College for Women(A), Madurai-2 (Page No:60) 2022
3. 11 - ஆம் பட்டம் பட்டம் பட்டப்பெரிய பட்டம்
உள்வியலில் பட்டப்பெரிய பட்டப்பெரிய
Dr.N.Manonmani
Sri Meenakshi Government Arts College for Women(A), Madurai-2 (Page No:290) 2024

11. BOOKS PUBLISHED :

S.No	Title	PUBLISHER NAME	ISBN/ YEAR
1.	Engineering Chemistry	Jaitech Publications Chennai	978-81-909268-2-9

12. TALKS DELIVERED:

S. No	Resource Person	Title	Place
1.	Dr.N.Manonmani	Modern Trends in Eco-Friendly Chemicals and Fluoride Toxicity MEFTC 2010	Vivekananda College , Agasteeswaram, Kanyakumari District.
2.	Dr.N.Manonmani	Water Technology	Sri Sarada College For Women, Tirunelveli

13. Seminars, Conference, Symposia, Workshop, etc attended and presented:

S.No	Seminars,Conference,Symposia, workshop Attended	Date	Place
1	XXXIII National seminar on Crystallography	8-10 January 2004	National Chemical Laboratory, Pune
2	International Workshop on Crystal Growth and Characterization of Technologically Important Materials	24-28 February 2004	Crystal Growth Centre, Anna University, Chennai
3	Sixth International Conference on Solvothermal Reactions	24-28 August 2004	University of Mysore, Mysore
4	National Conference on Preparation and Characterization of Crystalline Materials	19-21 January 2006	S.T.Hindu College , Nagercoil
5	Paper presentation in National Conference on Crystal Growth for Electro -optic Applications	16-17 June 2006	Karunya Institute of Technology and Sciences(Deemed University), Coimbatore

6	Second National Symposium on Nonlinear Optical Crystals and Modelling in Crystal Growth	26-27 March 2007	Anna University, Chennai
7	Paper presentation in Eighth International Conference on Optoelectronics, Fibre Optics and Photonics.	13-16 December 2006	University of Hyderabad
8	One day International Workshop on Challenges for the Environment and Effective Management	12th December 2007	Francis Xavier Engineering College, Tirunelveli
9	Paper presentation in 12 th National Seminar on Crystal Growth	21-23 December 2007	SSN College Of Engineering, Chennai
10	Paper presentation in 6 th National Conference on Emerging Trends in Crystal Growth and Nano Materials(NECAN-2008)	28 th & 29 th February 2008	Loyola College, Chennai
11	National Level Seminar on Nano Technology and Drug Research	17 th October 2008	Aditanar College of Arts and Science, Tiruchendur
12	State Level Seminar on Crystal Growth and Nano Technology	18 th October 2008	Aditanar College of Arts and Science, Tiruchendur
13	National Conference on Recent Trends in Crystal Growth, Thin Films and Nano-Structured Materials	5 th &6 ^t h August 2009	Aditanar College of Arts and Science, Tiruchendur
14	Paper presentation in National Seminar on Crystal Growth-XIV	10- 12March 2010	VIT University, Vellore

15	Key note Address -State Level Seminar on Modern Trends in Eco-Friendly Chemicals and Fluoride Toxicity MEFTC 2010	5 th March 2010	Vivekananda College , Agasteeswaram, Kanyakumari, Tamilnadu
16	National Seminar on “ FuturisticTrends in Chemistry”	6 th Feb.2013	Sri Meenakshi Govt. College For Women, Madurai
17	Paper presentation in International Conference on Challenges and Opportunities in Life Sciences	5 th &6 th April 2016	Sri Meenakshi Government Arts College For Women, Madurai
18	National Level Seminar on “FRONTIERS IN CHEMISTRY”	4 TH Jan 2017	Sri Meenakshi Government Arts College For Women, Madurai
19	International Conference on Recent Trends in Materials Science and Applications	6 th Jan.2017	Sri Meenakshi Government Arts College For Women, Madurai
20	National Level Seminar on Expanding Frontiers in Chemistry(EFC-17)	8 th Dec.2017	Arulanandar College(A),Karumathur, Madurai District,Tamilnadu
21	National Conference on Recent Trends in Solar Energy and NanoScience SENS- 2019	8 th March 2019	G.T.N.Arts College, Dindigul
22	State Level Seminar on “Modern Trends in Chemistry-2019”	14 th March 2019	S.Vellachamy Nadar College, Nagamalai, Madurai.
23	UGC Sponsored National Level Seminar on Recent Advances in Chemistry	22 nd Jan-2020	Sri Meenakshi Government Arts College For Women(A), Madurai-2
24	UGC Sponsored One day National Seminar on “PLANT SCIENCES IN THE FOURTH WAVE”	14 th February 2020	Sri Meenakshi Government Arts College For Women(A), Madurai-2

14. OTHER RESPONSIBILITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	Net Committee Member	SMGCA	2011-2018
2.	NAAC Committee Member(Criterion-III)	SMGCA	2018- 2024
3	NAAC Committee Member(Criterion-VII)	SMGCA	2024- 04.12.2024
3.	IQAC Member	SMGCA	2022-2024
4.	Career Guidance & Placement Cell	SMGCA	From 2023 to 04.12.2024
5	Valuation Co-ordinator	SMGCA	April 2024 Examination

15. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:

S.NO	NAME OF THE SERVICES/COMMITTEE	PLACE	PERIOD
1.	HOD of Chemistry	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur	2006-2011
2.	Deputy Warden	Dr.Sivanthi Aditanar College of Engineering, Tiruchendur	2007-2009

16. AWARDS/MEDALS RECEIVED

- i) Received Best Teacher Trainee Award-1995 in B.Ed., by the Co-ordinator of S.T.Hindu College, Nagercoil**
- ii) Received “Best Research Paper Award-2006 at the National Conference on Crystal Growth for Electro Optic Applications by The Indian Science Congress Association,Kolkatta, Chennai Chapter’**
- iii) Received Best Paper Presentation Award -2008 From Loyola College, Chennai.**

17. PATENT DETAILS :

Awarding Organisation: Indian Government (3 Patents)

S. No	Name of the Patent	Reference No.	Date Filed	Date of Publication	Role	Status
1	Growth and properties of the new crystals formed from potassium and barium chlorides	201741013485 A	17/04/2017	26/10/2018	Inventor	Published
2	Growth and properties of the super-ionic conducting crystals formed from potassium and calcium chlorides	201741013486 A	17/04/2017	26/10/2018	Inventor	Published
3	Growth and properties of the super-ionic conducting crystals formed from sodium and calcium chlorides	201741013487 A	17/04/2017	26/10/2018	Inventor	Published

18. MEMBERSHIP IN PROFESSIONAL BODIES:

1. Board of Studies Member: Sri Sarada College for women, Tirunelveli
2. Life membership in The Indian Society for Technical Education

19. MEMBERS IN ACADEMIC BODIES

- (i) Question Paper Setter for various colleges affiliated to Madurai Kamaraj University & M.S. University
- (ii) Appointed as practical Examiner in various Colleges

20. Account Test (Department Test) for Executive Officers- passed in the year 2013 (Register Number: 018780)
21. Guided 9 members for their Projects in M.Sc.,

