**Profile** 

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **COURSES** | **SUBJECT** | **YEAR OF****COMPLETION** | **INSTITUION** |
| 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.UNIVERSITYDEPARTMENT |
| 5 | B.Sc | CHEMISTRY | 1991 | VIVEKANANDA COLLEGE, AGASTHEESWARAM,K.K.DISTRICT |

1. **TEACHING EXPERIENCE**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **DESIGNATION** |  **PLACE** | **DURATION** | **NO.OF****YEARS** |
| 1. | Lecturer | Sri Sarada College for womenTirunelveli | 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. | AssistantProfessor | Sri Meenakshi Govt.ArtsCollege for women, Madurai | 28.02.2011- till date | 12 yrs |
| **Total Teaching Experience** | **29 years** |

1. **ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME OF****THE COURSE** | **TOPIC** | **PLACE** | **PERIOD** |
| 1. | Orientation | Chemistry | MadrasUniversity | 04.05.2011-03.06.2011 |
| 2. | Refresher | Environmental Studies | UGC AcademicStaff College, M.K.University | 01.03.2013-21.03.2013 |
| 3. | Refresher | Chemistry | UGC AcademicStaff 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 |

1. **Area Of Specialization:**

1. **Solid State Chemistry**
2. **Environmental Chemistry**
3. **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 Procesess

 22: 388-392,2007

1. Growth and Studies of Two New Potassium Compound crystals

**N.Manonmani, C.K.Mahadevan, and V.Umayorubhagan** Materials and Manufacturing Procesess 23: 152-158,2008

1. 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

1. 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)

#  ARTICLES PUBLISHED IN MAGAZINES/BOOKS

1. **CURCUMIN**: Potent in the fight against cancer

#  Dr.N.Manonmani

 Vivekananda College Magazine (P-5) 2012

 2.

 **11. BOOKS PUBLISHED :**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Title** | **PUBLISHER NAME** | **ISBN/ YEAR** |
| 1. | EngineeringChemistry | Jaitech PublicationsChennai | 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, KanyakumariDistrict. |
| 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 | 8-10January 2004 | National Chemical Laboratory, Pune |
| 2 | International Workshop on Crystal Growth and Characterization of Technologically Important Materials | 24-28February 2004 | Crystal Growth Centre, Anna University, Chennai |
| 3 | Sixth International Conference on Solvothermal Reactions | 24-28August 2004 | University of Mysore, Mysore |
| 4 | National Conference on Preparation and Characterization of Crystalline Materials | 19-21January 2006 | S.T.Hindu College , Nagercoil |
| 5 | **Paper presentation** in National Conference on Crystal Growth for Electro -optic Applications | 16-17June 2006 | Karunya Institute of Technology and Sciences(DeemedUniversity),Coimbatore |
| 6 | Second National Symposium on Nonlinear Optical Crystals and Modelling in Crystal Growth | 26-27March 2007 | Anna University, Chennai |
| 7 | **Paper presentation** in Eighth International Conference on Optoelectronics, Fibre Optics and Photonics. | 13-16December 2006 | University of Hyderabad |
| 8 | One day International Workshop on Challenges for the Environment and Effective Management | 12th December2007 | Francis Xavier Engineering College, Tirunelveli |
| 9 | **Paper presentation** in 12th National Seminar on Crystal Growth | 21-23December 2007 | SSN College Of Engineering, Chennai |
| 10 | **Paper presentation** in 6th National Conference on Emerging Trends in Crystal Growth and Nano Materials (NECAN-2008) | 28th & 29th February 2008 | Loyola College, Chennai |
| 11 | National Level Seminar on Nano Technology and Drug Research | 17th October 2008 | Aditanar College of Arts and Science, Tiruchendur |
| 12 | State Level Seminar on Crystal Growth and Nano Technology | 18th October 2008 | Aditanar College of Arts and Science, Tiruchendur |
| 13 | National Conference on Recent Trends in Crystal Growth, Thin Films and Nano-Structured Materials | 5th&6th August2009 | Aditanar College of Arts and Science, Tiruchendur |
| 14 | **Paper presentation** in National Seminar on Crystal Growth-XIV | 10-12March2010 | VIT University, Vellore |
| 15 | **Key note Address** -State Level Seminar on Modern Trends in Eco-Friendly Chemicals and Fluoride Toxicity MEFTC 2010 | 5th March 2010 | Vivekananda College , Agasteeswaram, Kanyakumari, Tamilnadu |
| 16 | National Seminar on “ Futuristic Trends in Chemistry” | 6th Feb.2013 | Sri Meenakshi Govt. College For Women, Madurai |
| 17 | **Paper presentation** in International Conference on Challenges and Opportunities in Life Sciences | 5th&6th April2016 | Sri Meenakshi Government Arts College For Women, Madurai |
| 18 | National Level Seminar on“FRONTIERS IN CHEMISTRY” | 4TH Jan 2017 | Sri Meenakshi Government Arts College For Women, Madurai |
| 19 | International Conference on Recent Trends in Materials Science and Applications | 6th Jan.2017 | Sri Meenakshi Government Arts College For Women, Madurai |
| 20 | National Level Seminar on Expanding Frontiers in Chemistry (EFC-17) | 8th Dec.2017 | Arulanandar College(A), Karumathur, Madurai District,Tamilnadu |
| 21 | National Conference on Recent Trends in Solar Energy and NanoScience SENS- 2019 | 8th March 2019 | G.T.N.Arts College, Dindigul |
| 22 | State Level Seminar on “Modern Trends in Chemistry-2019” | 14th March 2019 | S.Vellachamy Nadar College, Nagamalai, Madurai. |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE****SERVICE/COMMITEE** | **PLACE** | **PERIOD** |
| 1. | Net Committee Member | SMGCA | 2011-2018 |
| 2. | NAAC CommitteeMember(Criterion-III) | SMGCA | 2018- Till date |
| 3. | IQAC Member | SMGCA | 2022-Till date |
| 4. | Career Guidance Committee | SMGCA | From 2023 |

1. **OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS**:

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

**16. AWARDS/MEDALS RECEIVED**

1. 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’**
2. Received **Best Paper Presentation Award -2008** From Loyola College, Chennai.

**17. PATENT DETAILS :**

**Awarding Organisation: Indian Government**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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** |

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

**19.MEMBERS IN ACADEMIC BODIES**

 Question Paper Setter for various colleges affiliated to Madurai Kamaraj University, M.S.University