

**Name** : D.Ramya  
**Designation** : Lecturer  
**Department** : Immunology and Microbiology  
**Date of Joining** : 17-08-2015  
**Phone No** : 9629266289  
**Email** : ramya.susila@gmail.com



**Educational Qualification:**

| Degree   | Subject                     | College / University & Place  | Year Completed   |
|----------|-----------------------------|---|------------------|
| Ph.D.,   | Microbiology (Part time)    | PG and Research Department of Zoology, The American college, Madurai (Affiliated to Madurai Kamaraj University, Madurai)    | May 2013 onwards |
| M.Phil., | Biotechnology               | School of Biotechnology and Health Sciences Karunya University, Coimbatore  | 2009 –2011       |
| M.Sc.,   | Immunology and Microbiology | Department of Immunology and Microbiology The American college ,Madurai (Affiliated to Madurai Kamaraj University, Madurai) | 2007- 2009       |
| B.Sc.,   | Applied Microbiology        | Meenakshi Mission Hospital and Research Centre- College (Mother Teresa Women’s University, Kodaikanal)                      | 2004 -2007       |

**Specialisation in Teaching**

Environmental Microbiology, Immunology and Molecular Biology

**Specialisation in Research**

Environmental Microbiology, Medical Microbiology

**Research Interests:** Environmental Microbiology, Medical Microbiology

**Other Work Experience:**

| Designation | Institution / Company        | Year - From (month/year) To (month/year) |
|-------------|------------------------------|--|
| JRF         | The American College Madurai | 2011-2014                                |

**Administrative /Academic Position/s (held / currently holding):**

| Positions held / currently holding | Year - From (month/year) To month/year |
|------------------------------------|--|
|------------------------------------|--|

|                              |            |
|------------------------------|------------|
| Superintendent, Women's Hall | 2013 -2015 |
|------------------------------|------------|

**Membership in Professional Bodies:**

- Indian Immunological Society

**Publications: 17**

**Articles Published in International Journals:**

- ✚ **D. Ramya** ., Siddikuzzaman, A. Manjamalai and V.M. Berlin Grace (2011). Physiologic Effect of All Trans Retinoic Acid (ATRA) on Vital Organ Damage and Lipid Profile in Benzo(a)Pyrene induced Lung Metastasis. Journal of Pharmaceutical and Biomedical Sciences (JPBMS) 10(05):10.ISSN NO: 2230-7885.
- ✚ **D. Ramya**., Siddikuzzaman, A. Manjamalai and V.M. Berlin Grace (2012).Chemoprotective Effect of All Trans Retinoic Acid on Oxidative Stress and Lung Metastasis Induced by Benzo (a) Pyrene. *Immunopharmacology and Immunotoxicology*, 2012; 34(2): 317–325. (Impact factor 1.829).
- ✚ **D. Ramya**.,Siddikuzzaman and V. M. Berlin Grace (2012).Effect of All-Trans Retinoic Acid (ATRA) on Loss of Syndecan- 1 Expression in Benzo(a)Pyrene-Induced Lung Metastases in Mice. Journal of Immunopharmacology and Immunotoxicology. 2012. (Impact factor 1.829).
- ✚ **D. Ramya** and M. Andrew Pradeep (2012). A study on susceptibility to dental caries, & probiotic activity against the isolates among the leprosy patients. J. Food Process. Technol. 3:10. <http://dx.doi.org/10.4172/2157-7110.S1.009>.
- ✚ B.Durga Devi, A.J.Thatheyus and **D.Ramya** (2012). Bioremoval of hexavalent chromium using *Pseudomonas fluorescens*. J.Microbiol.Biotech.Res. 2:727-735.
- ✚ Betty Anita, A.J.Thatheyus and **D.Ramya** (2013) Biodegradation of Carboxymethyl Cellulose using *Aspergillus flavus*. Science International. 1:85-91.
- ✚ R.S.Akram Husain, A.J.Thatheyus and **D.Ramya** (2013) Bioremoval of Nickel Using *Pseudomonas fluorescens*. American Journal of Microbiological Research. 1: 48-52.

- ✚ M. V. Devika<sup>1</sup>, A. J. Thatheyus<sup>1</sup> and **D. Ramya** (2014) Bioremoval of Nickel Using *Pseudomonas aeruginosa*. Annual Research & Review in Biology. 4(3): 538-546.
- ✚ M. Vanishree, A. J. Thatheyus and **D. Ramya** (2014). Biodegradation of Petrol Using *Aspergillus* sp. Annual Research & Review in Biology, 4(6): 914-923.
- ✚ M. Vanishree, A. J. Thatheyus and **D. Ramya** (2014). Biodegradation of Petrol using the Fungus, *Penicillium* sp. Science International 2(1):26-31.
- ✚ K.V.Darsa, A. J. Thatheyus and **D. Ramya** (2014). Biodegradation of Petrol using the Fungus, *Bacillus subtilis*. Science International 2(1): 20 – 25.
- ✚ Kamala Pandian, A.J.Thatheyus and **D.Ramya** (2014). Bioremoval of Chromium, Nickel and Zinc in Electroplating Effluent by *Pseudomonas aeruginosa*. Open Journal of Water Pollution and Treatment 1:75-82.
- ✚ M.Sankarammal, A.J.Thatheyus and **D.Ramya** (2014) Bioremoval of Cadmium Using *Pseudomonas fluorescens*. Open Journal of Water Pollution and Treatment 1:92-100.
- ✚ S. Bavithra Devi, **D. Ramya**, M. Andrew Pradeep, T.R. Prabha (2014). A study on Oral Candidiasis and probiotic activity against the isolates among the Leprosy patients. American Journal of Bio-Pharmacology Biochemistry and Life Sciences (AJBBL).
- ✚ Bishmi, A. Joseph Thatheyus, **D. Ramya** (2015). Biodegradation of Poultry Feathers using a Novel Bacterial Isolate *Pseudomonas aeruginosa* International Journal of Research Studies in Microbiology and Biotechnology (IJRSMB). 1(1):25-30.
- ✚ T.Shenbagavalli, A. Joseph Thatheyus and **D.Ramya** (2015). Biodegradation of dimethylamine using *Pseudomonas aeruginosa* Bulletin of Advanced Scientific Research. 1:3
- ✚ A. Joseph Thatheyus and **D. Ramya** (2016). Review Article Biosorption of Chromium Using Bacteria: An Overview. Science International. 4(2): 74-79.
- ✚ M.Senthil Kumar, A. Joseph Thatheyus and **D. Ramya** (2016). Biotreatment of Sewage using the Amazon Sailfin Catfish, *Pterygoplichthys pardalis*. Academic Journal of Life Sciences, Vol. 2, No. 7, pp: 41-49.

**Articles published in National Journals:**

- ✚ S.Muthuraman, K.Natarajan, S.Srinivasan, A.J.Thatheyus and **D.Ramya** (2013). Bacterial resistance to chosen heavy metals. *ESAIJ*, 8(12): 475-480. *ISSN : 0974 – 7451*.

#### Conference / Seminar Presentations:

- ✚ **M. Andrew Pradeep, G. Dhivya, D.Ramya, R. Sethu Nagarajan** presented a paper on “**A Study on Immunomodulatory Effect of *Justicia gendarussa*( Burm) and *Cardiospermum halicabum* (Linn)”** National Seminar on Marine Resources held on 3<sup>rd</sup> & 14<sup>th</sup> March, 2016 at M.D.T.Hindu College, Tirunelveli.
- ✚ **S. Balaji, A.J. Thatheyus and D.Ramya**, presented a paper on “**biotreatment of electroplating industrial effluent using coconut husk**” UGC sponsored National Conference on Biological Sciences: The Amalgamation and Advancement of Multidisciplinary Life Sciences held on 18<sup>th</sup> & 19<sup>th</sup> December, 2014 at V.V.Vanniaperumal College for Women, Virudhunagar
- ✚ J. Jesuran Edward Durai, A.J.Thatheyus and **D.Ramya**, presented a paper on “**Biological treatment of dye effluent using saw dust**” on **Proteofest 2014**, National Seminar on Global Opportunities for Recent Developments in Science and Technology sponsored by CSIR organized by Rev. Jacob Memorial Christian College ,Ambilikai, TamilNadu. (8<sup>th</sup> February, 2014).
- ✚ Kamala Pandian, A. J. Thatheyus and **D. Ramya**, Presented a paper on “**BIOREMEDIATION OF CHROMIUM, NICKEL AND ZINC IN ELECTROPLATING EFFLUENT BY *PSEUDOMONAS AERUGINOSA***” on National conference on Heavy Metals in the Environment organized by School of Environmental Sciences, Mahatma Gandhi University, Kottayam (28 – 30 November, 2013).
- ✚ M. Sankarammal, A. J. Thatheyus, R. Poun Prasath Gowtham and **D. Ramya**, Presented a poster on “**BIOREMOVAL OF CADMIUM USING *PSEUDOMONAS FLUORESCENS***” on HME 2013, National conference on heavy metals in the environment, School of Environmental Sciences, Mahatma Gandhi University, Kottayam (28 – 30 November, 2013).
- ✚ **D.Ramya** and A. J. Thatheyus, Presented a paper on **Biosorption of chosen heavy metals using *Bacillus subtilis* and *Pseudomonas spp.*** National conference on Recent Advancements

in “Adsorption Science & Technology organized by the Department of Chemical Engineering, SSN College of Engineering, Chennai on 02<sup>nd</sup> August 2013.

- ✚ G.Samuel, A.J.Thatheyus and **D.Ramya**, Presented a paper on “**Biological treatment of synthetic fibre effluent using saw dust**” at the National Seminar on New Frontiers in Biology sponsored by UGC organized by Jayara Annapackiam College for Women, Periyakulam (18<sup>th</sup> and 19<sup>th</sup> December, 2012).
- ✚ B. Betty Anita, A.J. Thatheyus and **D.Ramya**, Presented a paper on “**Biodegradation of carboxymethyl cellulose using *Aspergillus flavus***” on “Microciencia-2012,10<sup>th</sup> IAAM National Conference on Exploring the potentials of Microbes for Bioscience, Biotechnology and Medicine (17<sup>th</sup> and 18<sup>th</sup> December, 2012) organized by SRM university, Chennai.
- ✚ G.E. Rani, A.J.Thatheyus and **D.Ramya**, Presented a poster on “**Response of the Filarial Vector Mosquito, *Culex quinquefasciatus* to Selected Synthetic and Natural Repellents**” at the 6<sup>th</sup> conference of Medical Arthropodology organized by Centre for Research in Medical Entomology, Madurai, Tamil nadu, India (18-19 October, 2012).
- ✚ C.Devika, **D.Ramya** and A.J.Thatheyus, Presented a paper on “**Biodegradation of Chlorpyrifos using *Pseudomonas aeruginosa***” at the International Conference on “Science and Technology for Clean and Green Environment” (STCGE – 2012) Organized by Annamalai University, Annamalainagar, Tamil Nadu, India (27<sup>th</sup> and 28<sup>th</sup> July, 2012).
- ✚ **D.Ramya**, Pradeep M. Andrew, Aarthy.K, Presented a paper on “Study on Oxidative Stress Associated Lipid Peroxidation among Breast Cancer Patients” at the **5<sup>th</sup> Congress of the Federation of Immunological Societies of Asia Oceania**, AIIMS, New Delhi, India. (14 – 17 march, 2012).
- ✚ A. J. Thatheyus and **D.Ramya**, Presented a paper on “Microbial Biosorption: A Solution for Heavy Metal Pollution” at the State Level Inter-Collegiate Student’s Seminar on **Recent Challenges in Biotechnology** organized by the Department of Immunology and Micribiology, The American College, Madurai. (17<sup>th</sup> February 2012).
- ✚ **D.Ramya** and A. J. Thatheyus, Presented a paper on “ Thirumalai Nayak Mahal and Microbial Air Quality” at the National Seminar on **Preservation of Monuments to Enhance Tourism in India** held organized by Jayara Annapackiam College for Women, Periyakulam (8<sup>th</sup> and 9<sup>th</sup> Feb, 2012).

- ✚ B. Durga Devi, A. J. Thatheyus and **D.Ramya**, Presented a paper on “Bioremoval of Hexavalent Chromium Using *Pseudomonas fluorescens* and *Pseudomonas oleovorans*” at the National level biological congress on **Bioscientific Technologies; A Panacea for Human Health and Social Welfare**” organized by the Department of Biological Science, Muthayammal College of Arts and Science, Rasipuram ( January 6<sup>th</sup> and 7<sup>th</sup>, 2012) .
  
- ✚ **D.Ramya** and M.Andrew Pradeep, Presented a paper on “**Study on susceptibility to dental caries & probiotic activity against the isolates**” at the **National level technical symposium** conducted by Department of Biotechnology, Government college of technology, Coimbatore (March 14<sup>th</sup> and 15<sup>th</sup>, 2010).
  
- ✚ M.Andrew Pradeep, A. Manja Malai and **D.Ramya**, Presented a paper – “Impact of renal dysfunction among cancer patients receiving chemotherapy” at the international conference on Nano – Medicine & Recent Advances in Ophthalmic Research organized by the ‘**Kamalayan Bajaj Institute for Research in Vision and Ophthalmology**’ Vision Research Foundation, Chennai, Tamil Nadu, India ( 3-5 sep 2008).
  
- ✚ Participated in International Science Symposium on **HIV and Infectious Diseases** organized by YRG Care, CSIR campus, Chennai (20 – 22th January 2012).
  
- ✚ Participated in National Conference on “**Oxidative Stress and its Complications in Human Health**”, NCOSH – 2011 organized by Department of Biotechnology, School of Biotechnology and Health Sciences, Karunya University, Coimbatore (19<sup>th</sup> – 20<sup>th</sup>. January 2011).
  
- ✚ Participated in National seminar on “**Role of Immunomodulators in Cancer Therapy**”. Organized by Department of Biotechnology, School of Biotechnology and Health Sciences, Karunya University, Coimbatore (11<sup>th</sup> and 12<sup>th</sup> October, 2010).
  
- ✚ Participated as delegate in the DST – NIMAT sponsored “**Entrepreneurship Awareness Camp**” Department of Biotechnology, School of Biotechnology and Health Sciences, Karunya University, Coimbatore (February 25<sup>th</sup> to 27<sup>th</sup> 2010).
  
- ✚ Participated in International Conference on **Genetic & Molecular Diagnosis in Modern Medicine** organized by Kamineni education society, Hyderabad ( 7<sup>th</sup> to 9<sup>th</sup> January 2008).
  
- ✚ Participated in National seminar on **Modern Trends in Biosciences** at Yadava College, Madurai (12<sup>th</sup> March 2007).

**Awards / Fellowships:**

FIMSA awards for registration fellowship of Rs.6500/-