

**Mr.M.JothiMuniyandi M.Sc., ADMD, (Ph.D).CGT**

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**Bioinformation** – Male, 04<sup>th</sup> June 1988, Unmarried, Indian

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**EDUCATION DETAILS**

- **Pursuing Part Time Ph.D (Biochemistry)** in Bharathiyar University, Coimbatore. Year: From Feb 2014.
- **Post Graduate Advanced Diploma in Molecular Diagnostics (PostM.ScADMD)** in Alagappa University, Karaikudi. Year:2011-2012 (72%).
- **Master of Science in Biochemistry (M.Sc)** in St. Joseph's College, Trichy. Year: 2008 – 2010 (68.9%)
- **Bachelor of Science in Biochemistry (B.Sc)** in SLS.MAVMM.A.V. College, Madurai. Year: 2005 – 2008 ( 69.7% )
- **Higher Secondary Certificate (HSC)** in Govt.Elango Higher Secondary School, Madurai. Year: 2005 ( 79% )
- **Secondary School Leaving Certificate (SSLC)** in Vivekananda Higher Secondary School, Thiruvudagam. Year: 2003 ( 87% )

**RESEARCH INTERESTS**

Identification of drugs from natural resources

- Antioxidant activities
- Anticancer Studies
- Insilico Studies
- Nanomedicine

## PUBLICATION OF ARTICLES

1. **Jothi Muniyandi M** and Benno Susai Vijakumar A (2019). Effect of *Gymnema sylvestre* methanolic extract on pancreatic putrescine levels against Alloxan induced diabetic rats. *Asian journal of pharmaceutical and clinical research*. 12 (1) 253-256.
2. Bharathirajan M, Rebecca and **Jothi Muniyandi M** (2018). Study on the antibacterial activity and identification of cellulolytic bacteria from cow urine. *Research journal of pharmacy and technology*. 11(9) 3993-3997.
3. **Jothi Muniyandi M** and Lakshman K (2018). Preliminary studies of phytochemical investigation on coastal medicinal plants of Bolor, Mangalore. *Indo American journal of pharmaceutical sciences* 5(2) 1309-1315.
4. Jayachitra A and **Jothi Muniyandi M** (2015). Pharmaceutical and therapeutical potential of *Gymnema sylvestre*: A review. *Journal of Pharmacological and Toxicological Investigations*; 1(3):1-5.
5. Kannan Rama Devi and **Muthukumar Jothi Muniyandi** (2015). Ethnobotanical study of medicinal plants in Devankuruchi hills in Madurai district, Tamil Nadu. *J.Nat.Prod.Plant Resour*: 5(6)1-8.

For more details see below link: [https://www.researchgate.net/profile/Jothi\\_Muniyandi](https://www.researchgate.net/profile/Jothi_Muniyandi)

## PUBLICATION OF BOOK

- Jothi Muniyandi M. Text book of 'Herbal Medicine', Shanlax Publication, Madurai, 2017.

## TEACHING EXPERIENCE

- Working as a "Assistant Professor" in Department of Biochemistry & Biotechnology, Sourashtra College, Madurai from July 2014.
- Worked as a "Lecturer Assistant Professor" in Department of Biochemistry & Biotechnology, SNA College of Sciences, T.Kallupatti, Madurai from Dec 2012 to June 2014.
- Worked as a "IVF Trainee" in Repro lab, Madurai from July to Dec 2012.
- Worked as a "Biochemist" in Ganga Hospital, Coimbatore from July 2010 to Apr 2011.

## PAPER PRESENTATION

- **Phytochemical analysis, antioxidant and antibacterial activity of leaf extract of Adenantha pavonino against urinary pathogens** in National Conference on Botanicals and phytochemicals: The challenges and promise for health care and drug development. Organized by Department of Biochemistry Rev.Jacob Memorial Christain College, Ambillikai, On 4<sup>th</sup> FEB 2016.

- **A Study on the effect of *Morus alba* stem extract on alloxan induced diabetic rats** in the National level seminar on Phytotherapeutics (NSPT) Organized by Department of Biochemistry, St. Joseph's College, Trichy. On 29<sup>th</sup>& 30<sup>th</sup> March 2010.

#### ACADAMIC PROJECTS GUIDED

- **M.Sc., Biotechnology Projects** guided -5 students
- **ADBT Project** guided – 5 Students

#### WORKSHOPS /SEMINAR/ COMPETITIONS ORGANIZED

- Organized **National Seminar on “Modern trends in Biological Sciences”** in Sourashtra College, Madurai on **22<sup>nd</sup> Sep 2017**.
- Organized **National Seminar on “Conservation Methods and Biopotential Assessment of Biodiversity”** in Sourashtra College, Madurai on **16<sup>th</sup> March 2016**.
- Organized **“National Science Day” (An Intercollegiate Competitions)** in Sourashtra College, Madurai in 2014, 2015 & 2016.
- Organized **“State Level Workshop on Advanced Techniques in Biotechnology”** in Department of Biochemistry & Biotechnology, Sourashtra College, Madurai in 2014 & 2015.

#### REFRESHER COURSES / SHORT TERM TRAINING

1. Participated in Science Academies Refresher Course on **“Known to Unknown techniques in Biology”** Organized by Department of Botany, St. Joseph's College, Thiruchirapalli, Nov 01-15 2018.
2. Participated in Science Academies Refresher Course on **“Advanced Laboratory Techniques in Cell and Molecular Biology”** Organized by School of Life Sciences, Manipal University, Manipal, Karnataka, 29<sup>th</sup> Feb to 12<sup>th</sup> March 2016.
3. Participated in 13<sup>th</sup> **SERB School in Chronobiology**, organized by Department of Biosciences, Mangalore University, Mangalore, held from 22<sup>nd</sup> Dec 2014 to 4<sup>th</sup> Jan 2015.
4. Participated in **NSS Training Programme** at Avinashilingam Deemed University, Coimbatore during the period of Nov 06 – Nov 12, 2013.
5. Participated in **Faculty Development Programme in Entrepreneurship** at Centre for Entrepreneurship Development, Madurai, during the period of Dec 31, 2012 – Jan 12, 2013.

Undergone a short term training on Biochemical technique in

- Apollo Specialty Hospital, Madurai during the period of May 2009.
- Vijay Medical Lab, Madurai during the period of May 2007.

#### WORKSHOPS /SEMINAR/ CONFERENCE PARTICIPTED

1. One practical workshop on **“Basic principles of Biochemical Techniques and Microbiology”**, Organized by PG Department of Biochemistry, NMSS Vellaichamy Nadar College, Madurai, 14<sup>th</sup> Feb 2019.

2. National seminar on “**Bio Entrepreneurship**” Organized by Department of Microbiology and Biotechnology, NMSS Vellaichamy Nadar College, Madurai, 19<sup>th</sup> Feb 2018.
3. International colloquia on “**Bionanomaterials and Bionanotechnology**” Organized by Department of Biochemistry, St.Joseph’s College, Trichy, 08 Feb 2018.
4. Science Academies lecture workshop on “**Recent Trends in Modern Biology**” organized by Department of Zoology, American College, Madurai, 23<sup>rd</sup> to 25<sup>th</sup> January 2018.
5. One day faculty Development programme on “**Management of self - A Holistic Approach**” organized by Sourashtra College, Madurai, 29<sup>th</sup> Aug 2017.
6. One day faculty Development programme “**Theme: Digital learning & Quality**” organized by Sourashtra College, Madurai, 11<sup>th</sup> March 2017.
7. National level workshop on “**Genomic analysis and Protein designing using Internet Tools**” organized by Department of Zoology, Vivekananda College, Thiruvudagam, Madurai, 6<sup>th</sup> Oct 2016.
8. International seminar on “**Cardiovascular Research**” organized by the Department of Biochemistry, St.Joseph’s College, Trichy, 15<sup>th</sup> Feb 2016.
9. National conference on “**Botanicals and phytochemicals: The challenges and promise for health care and drug development**” Organized by Department of biochemistry, Rev.Jacob Memorial Christian College, Ambillikai, on 4<sup>th</sup> Feb 2016.
10. One day orientation programme to “**Teachers on teacher effectiveness**” organized by Sourashtra College, Madurai, 7<sup>th</sup> March 2015.
11. International seminar on “**Environmental Issues of Emerging Pollutants**” , Organized by Department of Zoology, Vivekananda College, Madurai, on 7<sup>th</sup> August 2014.

### PROJECT DETAILS

- **Ph.D** – Anticancer activity of some medicinal plants.
- **Post.M.Sc., ADMD** – Role of Innate Immunity Responsive Enzyme of *Caenorhabditis elegans* against gram negative pathogen Infection.
- **M.Sc.** – The study on the level of pancreatic polyamines on alloxan induced and *Gymnema sylvestre* treated diabetic rats.

### ACHIEVEMENTS

- Participated in Zone level Football team.
- Participated In co-circulation activities.
- Connected Blood Donation Camp dated on 28 Dec 13.

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## REFERENCES

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**1. Dr. L. P. RAMALINGAM**

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Sourashtra College,  
Madurai – 625 004.  
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**2. Dr. B. ANANDKUMAR**

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Surface Modification Programme, CSTG,  
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Assistant Professor,  
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