

## CURRICULUM VITAE



Name : Dr. M. ARUMUGAM  
Designation : Head  
Qualification : M.Sc., M.Phil., Ph.D.  
Date of Birth : 25.05.1984  
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Address : 386, Periyar Nagar,  
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Tamil Nadu, India- 622224  
Teaching Experience : 8 Years

S.No	Name of the Institution	Period of Service
1.	H.H. The Rajah's College, Pudukkottai	00.06.2007 to 00.07.2009
2.	J.J. College of Arts and Science (Autonomous)	26.07.2014 to Till Date

### Publications

Research papers	:	12
Citations / h – index / i 10 - index	:	Nil
Cumulative Impact Factor	:	Nil
Book (s) Published	:	1
Book Chapter	:	Nil

1. Bhuvaneswari R, R. John Xavier, **M. Arumugam**, 2017. Facile synthesis of multifunctional silver nanoparticles using mangrove plant *Excoecaria agallocha* L. for its antibacterial, antioxidant and cytotoxic effects, **Journal of Parasitic Diseases**, 41(1):180–187: **Springer**
2. Bhuvaneswari R, R. John Xavier a, **M. Arumugam**, 2016. Larvicidal property of green synthesized silver nanoparticles against vector mosquitoes (*Anopheles stephensi* and *Aedes aegypti*), **Journal of King Saud University – Science**, **28**, 318–323: **Elsevier**
3. Bhuvaneswari R, R. John Xavier a, **M. Arumugam**, **2016**. Production of nanodrug for *Bacillus cereus* isolated from HIV positive patient using *Mallotus philippensis*, **Journal of Radiation Research and Applied Sciences**, 164-169: **Elsevier**
4. **Arumugam.M** and R.Panneerselvam, 2012. An efficient micropropagation protocol for *Excoecaria agallocha* L a mangrove species. **Asian pacific Journal of Tropical Biomedicine**,1-6. **Elsevier**

5. **Manickam Arumugam**, Rajaram Panneerselvam, 2012. Micropropagation and Phenolic exudation protocol for *Excoecaria agallocha*-an important mangrove. Asian Pacific Journal of Tropical Biomedicine, 21-26. **Elsevier**
6. **Arumugam.M** and R.Panneerselvam, 2012. In vitro propagation and antibacterial activity of *Clitoria ternatea* Linn. an important medicinal plant. Asia Pacific Journal of Tropical Biomedicine (14): 1-6. **Elsevier**
7. **Manickam Arumugam**, Umesh Ramachandra Pawar, Muthuthaiah Gomathinayagam, Ganapathy Murugan Alagu Lakshmanan and Rajaram Panneerselvam, 2012. Antibacterial and antioxidant activity of between micropropagated and field grown plants of *Excoecaria agallocha* L. International Research Journal of Pharmacy (3): 235-240. (UGC Approved Journal)
8. **Arumugam Manickam** and Umesh Pawar Ramachandra and Panneerselvam Rajaram, 2012. Micropropagation protocol for a critical endangered mangrove-*Excoecaria agallocha* L. International Journal of Conservation Science, 3: 111-118. (WOS, SCOPUS index Journal)
9. Bhuvaneswari R, R. John Xavier, **M. Arumugam**, 2015. Bio-Fabrication, Characterization of Silver Nanoparticles and their Evaluation of Catalytic, Antioxidant and Antimicrobial Efficacy, **Journal of Applied Physics**, Volume 7,(3): 76-81: **ISRO**
10. **Arumugam. M**, S.Karthikeyan and S.Ahmed John, 2009. Antibacterial activity of *Indoneesiella echioids* L. Research Journal of Biological Sciences, (3): 157-161.
11. Arumugam. M, S.P.Sudha, M.C.Rajalakshmi and R.Tamil Selvan, 2009. Protein content of some marine macro algae from Kattumavadi ocast, Tamil Nadu. Seaweed research utilization, (31): 135-138.
12. **Manickam Arumugam**, Umesh Ramachandra Pawar, Muthuthaiah Gomathinayagam, Ganapathy Murugan Alagu Lakshmanan and Rajaram Panneerselvam, 2012. Influence of growth hormones on adventitious root formation in semi hardwood cutting of *Excoecaria agallocha*, Int jour Curr Scie (3): 53-57.

#### Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Participated	January-May 2011 Department of Stress Physiology, University of Agriculture, GKVK Campus, Bangalore	<b>Molecular Biotechnology</b>
2	Presented	07.11.2009 & 08.11.2009 ACME Progen Biotech (India) Pvt. Ltd., Salem	<b>Microbial Biotechnology</b>
3	Participated	03.03.2014 & 03.03.2014 State Forestry Research Institute, Kolapakkam	<b>Forestry Research</b>

#### Research Guidance

1 **Ph.D.** Guiding : 08 Completed : 0

2    **M.Phil.**    Guiding : 01    Completed : 09

### **Other Responsibilities**

1. **Editor** - Research Journal of Biological Sciences
2. **Chairman** - Board of Studies – Department of Botany  
J.J. College of Arts and Science (Autonomous), Pudukkottai
3. **Subject Expert** – Board of Studies in Botany  
New College (Autonomous), Chennai
4. NSS Programme Officer
5. Doctoral Committee Member for Ph.D. Scholar,  
Department of Botany, National College, Trichy -01
6. Internal Autonomous Examination Squad (April 2019 Onwards)
7. Research Committee Member (College Level)
8. Question Paper Setter in some Colleges around Tamil Nadu.