

## RESUME

**Dr.B.Muthuraman,P.hD.**  
Assistant Professor  
Department of Botany  
A.V.C College (Autonomous)  
Mannampandal -609 305  
Mayiladuthurai



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### PERSONAL PROFILE

**Name** : **Dr. B.MUTHURAMAN**  
**Father's Name** : Mr. S.Balakrishnan  
**Sex** : Male  
**Marital status** : Married  
**Date of Birth** : 11/05/1976  
**Languages known:** Tamil / English  
**Nationality** : Indian  
**PermanentAddress** : 2/17 Amman Sannathi Street,  
Nalladai Post, TranquebarTk,  
Nagappattinam. (Dist), Tamilnadu. India.  
**E-mail:** drbmavc@gmail.com  
**Mobile** +91 9698623115

### EDUCATIONAL QUALIFICATION

<b>COURSE</b>	<b>SUBJECT/YEAR</b>	<b>INSTITUTION</b>	<b>PERCENTAGE &amp; AWARDS</b>
<b>P.hD</b>	Botany 2002-2005	Annamalai University Annamalai Nagar	Highly commended
<b>M.Phil</b>	Botany 1999-2000	Annamalai University Annamalai Nagar	First Class
<b>M.Sc</b>	Botany 1997-1999	A.V.C College (Autonomous) MannampandalBharathidasan University	First Class
<b>B.Sc</b>	Botany 1993-1996	A.V.C College (Autonomous) MannampandalBharathidasan University	Second Class

## **COMPUTER LITERACY**

- ❖ Operating system –MS-DOS, Windows-8, Server – 2007, MS Office -2010

## **RESEARCH EXPERIENCES**

- Effect of some antifungal disease of sugar cane and Paddy – M.Sc.
- Biochemical studies on some marine macro algae from Kanyakumari coast - M.Phil.
- Studies in salt tolerance in *Aegiceras corniculatum* Blanco - P.hD

## **WORKING EXPERIENCE:-**

- ❖ Worked in the Germination growth and development of Plants unit, Department of Horticulture National Botanical Garden, UK (Feb 2011 to May 2013)

## **PAPERS PUBLISHED IN RESEARCH JOURNALS**

- **Muthuraman, B.**, Robert, G.A., Mathivanan, S., Jayakumar, K., Kannan, T.M. and Ranganathan, R., 2019. Analysis of net leaf photosynthesis in *Aegiceras corniculatum* (L.) Blanco under various saline conditions. *World Scientific News*, 127(3), pp.153-162. (UGC listed).
- Kaliyamoorthy Jayakumar, **B. Muthuraman** and S. Rajasekaran. 2018. Evaluation of Phytochemical Screening and Traditional Value of *Zizyphus xylopyrus* (Retz) Wild. *World News of Natural Sciences* 16 (2018) 97-104.
- Rajasekaran. **S**, **Muthuraman.B.**, Mathivanan.J and Jayaraman. 2017. Influence of biofertilizer, inorganic fertilizers and organic fertilizers on growth of Black gram (*Vignamungo* L.), *International Journal of Current Research and Development*, Vol :5 (2) 56- 72.
- **Muthuraman, B.** and Ranganathan, R., 2004. Biochemical studies on some green algae of Kanyakumari coast. *Seaweed Research and Utilisation*, 26(1&2), pp.69-71.
- **Muthuraman, B.** and Ranganathan, R., 2004. Studies on the Photosynthetic pigments of certain marine algae from Kanyakumari coast. *Seaweed Research and Utilisation*, 26(1&2), pp.73-75.

## **SEMINARS, CONFERENCES AND WORKSHOPS ATTENDED**

- ❖ Participated in the National seminar on “Restoration and bioprospecting of mangroves for future” in CAS Marine Biology, Annamalai University on March 8th 2019 at Parangipettai, Tamilnadu.
- ❖ Participated in the National seminar on “Recent developments in mangrove environment and challenges on its sustainability” in CAS Marine Biology Annamalai University on March 6th 2019 at Parangipettai, Tamilnadu.
- ❖ Triazole on Growth Parameters, Biochemical Content and Enzyme Activities in Drought Stressed Coleus Vettiveriods Jacobs. Abstract published in National Seminar on “Advances in Plant Science Research (APSR-2019) in Annamalai University, on Feb. 27- 28th 2019 at Chidambaram.
- ❖ Salinity Stress on Adaptive Mechanism And Physiological Constrains In Aegiceras Corniculatum (L.) Blanco. Abstract published in National Seminar on “Advances in Plant Science Research (APSR-2019) in Annamalai University, on Feb. 27- 28th 2019 at Chidambaram.
- ❖ Application of Plant Growth Promoting Rhizobacteria Enhanced to the Soil Nutrients. Abstract published in National Seminar on “Advances in Plant Science Research (APSR-2019) in Annamalai University, on Feb. 27- 28th 2019 at Chidambaram.
- ❖ Effect of plant growth promoting bacteria as inoculants in agricultural soil to enhance macro and micro elements. Paper Published in UGC sponsored National Conference on “Recent advances in modern biology and rural development” (RAMBARD-2017), Organized by Department of Botany and Microbiology A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur, Tamilnadu, India in Collaboration with Department of Microbiology, Bharathidasan University, Tiruchirappalli on 5th and 6th October 2017.
- ❖ Biochemical changes in root and shoot of Arachis hypogaea L. Induced by plant growth promoting microorganisms. Paper Published in UGC sponsored National

Conference on “Recent advances in modern biology and rural development” (RAMBARD-2017).

- ❖ Antibacterial activity of *Clerodendron phlomidis*. Paper Published in UGC sponsored National Conference on “Recent advances in modern biology and rural development” (RAMBARD-2017).
- ❖ Participated National level ‘Workshop on Organic Terrace Garden aspects and prospects’ Organized by Department of Botany, Bharathiar University, Coimbatore.
- ❖ ‘Studies on the biochemical constituents of some marine macro algae of Kanyakumari coast’ Paper presented in National symposium on ‘Algal Diversity and Resources Status: Current Trends in Utilization and prospects for innovation. Organized by PG & Research Department of Botany and Marine Ecology & Conservation Lab, V.O. Chidambaram College Tuticorin, In association with Seaweed Research and Utilization Association & Krishnamurthy Institute of Algology, Chennai, on 21-23 Sep 2017.
- ❖ Antibacterial activity of *Clerodendron phlomidis*, Paper Published in UGC sponsored National Conference on “Recent advances in modern biology and rural development” (RAMBARD-2017). Organized by Department of Botany and Microbiology A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur, Tamilnadu, India in Collaboration with Department of Microbiology, Bharathidasan University, Tiruchirappalli on 5th and 6th October 2017.
- ❖ Analysis of salt tolerance in *Aegiceras corniculatum* Blanco. Paper presented in National seminar “Recent advances in plant Science research”, organised by Department of Botany, Annamalai University, Annamalainagar on 21st & 22nd .03.2017.
- ❖ Triazole induced drought tolerance on growth parameters and pigment composition of *Helianthus annuus* L. (sunflower). Paper presented in National seminar “Recent

advances in plant Science research”, organised by Department of Botany, Annamalai University, Annamalainagar on 21st & 22nd .03.2017.

- ❖ Triazole compound hexaconazole induced mitigating effect on drought stressed *Helianthus annuus* L. on (sunflower), Paper presented in “International Conference on Converging Biotechnological Innovations in Environmental welfare” at KSG College of Arts and Science, Coimbatore.
  
- ❖ Effect of microbial consortium on increasing photosynthetic pigment and protein content in *Arachishypogaea* L. Paper presented in International Conference on Converging Biotechnological Innovations in Environmental welfare at KSG College of Arts and Science, Coimbatore.
  
- ❖ Attended two days TEQIP sponsored seminar on “Network Pharmacology – A new horizon in drug design” conducted by Department of Biotechnology, Anna University and Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli.
  
- ❖ Attended National symposium on Seaweeds-2004, conducted by seaweed research and utilization association. 22-24<sup>th</sup> Jan 2004. At Mandabam camp, Ramnad District.
  
- ❖ Attended UGC National seminar on emerging trends in plant science, conducted by Department of Botany, Annamalai university, Annamalai Nagar. 15<sup>th</sup> -16<sup>th</sup> March 2003.
  
- ❖ Attended UGC National Seminar on Recent Advances in Plant Science and their relevance to Agriculture and industry, conducted by Department of Botany, Annamalai University, 16<sup>th</sup> – 17<sup>th</sup> March 2002.
  
- ❖ National level “XII workshop on Research methodology memorial of Prof.K.S.Sonachalam, conducted by Department of Economics, Annamalai University, Annamalai Nagar. Feb 28<sup>th</sup> to Mar 4<sup>th</sup> 2002.

- ❖ Participated in the workshop on “Research methodology scientific writing and statistical data analysis” organized by Internal Quality Assurance Cell (IQAC) & Research Advisory Committee (RAC), in A.V.V.M. Sri Pushpam College (Autonomous), on October 5<sup>th</sup> & 6<sup>th</sup> 2018 at Poondi, Thanjavur, Tamil nadu.
  
- ❖ Participated in the workshop on “Hands on training to create awareness about applied zoology for self-employment” in Govt. Arts college (Autonomous) on October 11-13 2018 at Kumbakonam.

### **ORIENTATION PROGRAMME**

Attended Orientation programme conducted by UGC HRDC, Bharathidasan University, 103rd batch (18.05.2018 to 14.06.2018 – 28 days).

### **OTHER ACTIVITIES IN AVC COLLEGE:**

- Board of Studies in Botany (2016 onwards),
- Examination committee member (2017-18),
- Magazine committee member (2018 onwards),

### **DECLARATION:-**

I hereby affirm that the information given is accurate and true to the best of my knowledge.

**Yours Faithfully**

**(Dr.B.Muthuraman)**