

## CURRICULUM VITAE



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Teaching Experience : 3 Years  
Microbial Biotechnology

S.No	Name of the Institution	Period of Service
1.	J.J. College of Arts and Science (Autonomous)	07.06.2017 to Till Date

### Publications

Research papers : 08  
Citations / h – index / i 10 - index : 12 / 02 / 0  
Cumulative Impact Factor : 1.2  
Patent : 01  
Book (s) Published : 01  
Book Chapter : Nil

### Research Papers

1. **Subramaniyan V and Malliga P.** 2011. Effect of cyanopith biofertilizer as basal and spray on *Zea mays* (Corn) cultivation. *Inter. Jr. of Envirn. Sci.* Vol. 2, No 2.
2. **Subramaniyan V, Krishna Moorthy S and Malliga P.** 2012. Analysis of biochemical and yield parameters of *Zea mays* (Corn) cultivated in the field supplemented with coir pith based cyanobacterial biofertilizer. *J. Algal Biomass Utln.* 3 (3): 54- 57.

3. Chandrasekar P, Prabha D.S, **Subramanian V**, Sharma U.C, Anitha Das R, Bhuvaneshwari P. and Malliga P. 2008. Optimization of Cyanopith Biofertilizer for Groundnut (*Arachis hypogaea* L.) Cultivation. *BDU. J. Sci. & Tech* .2:324- 331.
4. Bhuvaneshwari B, **Subramaniyan V**, Malliga P. 2011. Comparative studies of Cyanopith and Cyanospray biofertilizers with chemical fertilizers on sunflowers (*Helianthus annuus* L.). *Inter. J. of Environl. Sci.* Vol. 1(7).
5. Krishna Moorthy S, **Subramaniyan V**. and Malliga P. 2012a. Effect of Coir Pith Based Cyanobacterial Biofertilizer on Morphological and Yield Characters of *Aloe Barbadensis* Miller in Pot Experiment. *J. Algal Biomass Utiln.* 3 (2): 33- 41.
6. Krishna Moorthy S, **Subramaniyan V**. and Malliga P. 2012b. Effect of Coir Pith Based Cyanobacterial Biofertilizer in Metabolic Characters of *Aloe Barbadensis* Miller. *J. Algal Biomass Utiln.* 3 (2): 50-56.
7. **Subramaniyan. V** and Malliga. P. 2016. Determination of Seed germination ability and metabolic changes on *Zea mays* L. by the treatment of Chemical, Bijamrita and the Paper Publications & Patent. cyanobacterial biofertilizer extract (Cyanospray). *Inter. J. of Current Sci. Research.*2(5): 668-676.
8. Nivetha V, **Subramaniyan V**, Manikandan G, Divya Bharathi M, Krishna Prasanth T and Manjula K 2019. In vitro antidiabetic and antioxidant activities of the methanolic extract of *Alpinia purpurata* root. *Journal of Pharmacognosy and Phytochemistry* 8(3): 1060-1064

**Patent:** Malliga, P and **Subramaniyan, V**. (2012) Mass production of coir pith based cyanobacterial biofertilizer using *Phormidium* sp. BDU 5 and its growth promoting ability on field cultivation of *Coriandrum sativum* L. and *Vigna unguiculata* L. (**Patent office journal** Ref. No. 6885/RQ-CHE/2012 Dt. 06/07/2012)

**Book:** G. Manigandan., V.Jayaramanathan., D. Vithiya., **V. Subramaniyan** and P. Prabhakaran. 2020, "Environmental Science". PoGo Publishing House, Trichy. ISBN No: 978-93-83069-36-1

## Paper Presentation in Conference/Seminar

S.No.	Presented/ Participated	Date & Place	Title of the conference / Topics
1	Presentation	5 <sup>th</sup> to 6 <sup>th</sup> March, 2008. Post Graduate and Research Department of chemistry, Jamal Mohamed College, Tiruchirappalli, Tamilnadu.	Seminar on Modern Technique in Chemistry on
			A study on protein-protein interaction of hepatitis b virus core protein and human liver nuclear pore complex.
2	Presentation	20 <sup>th</sup> and 21 <sup>st</sup> , September 2008. Post Graduate and Research Department of Plant Biology and Plant Biotechnology, Pachaiyappa's College and Krishnamurthy Institute of Algology, Chennai, Tamilnadu.	National Symposium on Algae in Agriculture and Food Industry on
			Coir Pith Based Cyanobacterial Biofertilizer for Field Cultivation on <i>Oryza sativa</i> and <i>Hibiscus sabdariffa</i> L.
3	Presentation	25 <sup>th</sup> and 26 <sup>th</sup> , septmenber 2008. Department of Botany , Alagappa Govt. Arts College, Karaikudi, Sivagangai Dist. Tamilnadu.	State Level Seminar on Technology of Organic Farming For Rural Development
			Effect of Coir pith Based Cyanobacterial biofertilizer on <i>Raphanus sativus</i> .
4	Participated	3 <sup>rd</sup> to 5 <sup>th</sup> December 2008. Centre for futures studies, Gandhigram rural University, Gandhigram, Dindigul.	Regional Seminar on Environmental Studies
5	Presentation	1 <sup>st</sup> to 4 <sup>th</sup> , December 2009. Department of Botany, University of Delhi, <u>New Delhi</u> , India.	7 <sup>th</sup> Asia Pacific Conference on Algal Biotechnology-Algal Biotechnology in the Asia-Pacific Region: New Challenges and opportunities for the 21 <sup>st</sup> century
			Effect of Degraded <i>Prosopis juliflora</i> by <i>Oscillatoria laetevirens</i> on

			Rat ( <i>Rattus norvigecus</i> ).
6	Participated	3 <sup>th</sup> to 5 <sup>th</sup> March 2010. TNSCST and Thaaai Trust at Bharathidasan University, Trichy, Tamilnadu.	National Level Seminar and Training on Organic Farming and Mass Production of Cyanopith
7	Presentation	16 <sup>th</sup> to 18 <sup>th</sup> , September 2010. Department of Marine Science, Bharathidasan University, Trichy, Tamilnadu	National conference on Marine Biodiversity Present Status and prospects
			Analysis of Yield and Nutritional Value of <i>Zea mays</i> L. Using cyanobacteria biofertilizer
	Presentation	7 <sup>th</sup> and 8 <sup>th</sup> October 2010. Manonmaniyam Bundharanar University, Rajakkamangalam, Kanniyakumari, Tamilnadu.	National Tamil Science conference on
			Improvement of Morphological, Biochemical and yield of <i>Zea mays</i> using cyanobacterial biofertilizer
8	Presentation	3 <sup>rd</sup> to 6 <sup>th</sup> , November 2011. Punjab University, Chandigarh, Punjab.India	52 <sup>nd</sup> Annual Conference of Association of Microbiologists of India (AMI) International Conference on Microbial Biotechnology for Sustainable Development
			Effect of cyanopith biofertilizer as basal and spray on <i>Zea mays</i> (corn) cultivation
9	Participated	1 <sup>st</sup> to 3 <sup>rd</sup> February, 2012. PG & Research Department of Plant Biology and Plant Biotechnology, Quaid – E – Millath government College for Woman, Anna Salai, Chennai.	International conference on Eco-Conservation for Sustainable Development
10	Participated	22 <sup>nd</sup> and 23 <sup>rd</sup> February, 2018. PG & Research Department of Biochemistry, JJ College of Arts and Science, Pudukkottai, Tamilnadu	Two – day National Workshop on Life Science Graduates: Inculcation and Innovation

11	Presentation	1 <sup>st</sup> and 2 <sup>nd</sup> March, 2018. PG & Research Department of Biotechnology, JJ College of Arts and Science, Pudukkottai, Tamilnadu	Two – day National Conference on Biotechnological innovation for Socio-Economic Development
			Production of citric from sugarcane bagassae using <i>Aspergillus niger</i>
12	Participated	18 <sup>th</sup> to 20 <sup>th</sup> September, 2018. PG & Research Department of Biotechnology, JJ College of Arts and Science, Pudukkottai, Tamilnadu	‘Science Academies’ Lecture Workshop on “Innovation and Challenges in Bio Science”
13	Presentation	27 <sup>th</sup> and 28 <sup>th</sup> September 2018. PG & Research Department of Microbiology, JJ College of Arts and Science, Pudukkottai, Tamilnadu	National Symposium on New Dimension in Microbiome Research
			Conformation study on coir pith based Canobacterial fertilizer enhance yield and biochemical content of Zea mays L.
14	Participated	2 <sup>nd</sup> March, 2020. PG & Research Department of Biotechnology, JJ College of Arts and Science, Pudukkottai, Tamilnadu	National Science Day Celebration One Day Environmental Awareness o Environmental production, Conservation and Management.

### Workshops / Training

S.No.	Date & Place	Title of the Workshop / Training
1.	8 <sup>th</sup> to 10 <sup>th</sup> July, 2005. Life tech research center, Chennai, Tamilnadu.	Workshop on Molecular and Immunological Techniques
2.	7 <sup>th</sup> to 21 <sup>th</sup> may 2007. Sai’s Bioscience and Research institute, Chennai.	Industrial Training On Drug Designing
3.	7 <sup>th</sup> and 8 <sup>th</sup> July 2010. Krishi vigyan kendra, kattupakkam,	Training on Pulses production technologies

	Kanchipuram, Tamilnadu	
4.	15 <sup>th</sup> to 19 <sup>th</sup> June 2012. Vanagam Training center, Urumanpatti, Kadavur, Karur, Tamil nadu.	Training on Sustainable Agriculture
5.	12 <sup>th</sup> to 16 <sup>th</sup> August 2012. Marine Drive griund, Kochi conducted by Central Coir Research Institute, Kalavoor, alleppy, kerala – 688 522	Exihibition and Seminars conducted at the International Coir Tecg Expo

### Research Guidance

1	<b>Ph.D.</b>	Guiding : 0	Completed : 0
2	<b>M.Phil.</b>	Guiding : 0	Completed : 0
3	<b>M.Sc.</b>	Guiding : 2	Completed : 4

### Awards and Achievements

1. **Project Assistant:** Coir Board (funding agencies, Kerala.) (2010 – 2012) Department of Marine Biotechnology, Bharathidasan University, Tiruchirappalli, Tamilnadu.