

---

*Publications*

**PUBLISHED**

Palvannan, T and Aranganathan, V., 2011. Isolation, screening and identification of bacterial strain capability of decolorizing synthetic azo dyes. *International Journal of Biotechnology and Bioengineering Research*. 2 (3). 411-418.

**COMMUNICATED**

Aranganathan, V and Palvannan, T., Experimental design to optimize the degradation of the synthetic dye Orange II by purified azoreductase from *Pseudomonas oleovorans* PAMD\_1. *Journal of Microbiological Methods @ Elsevier*

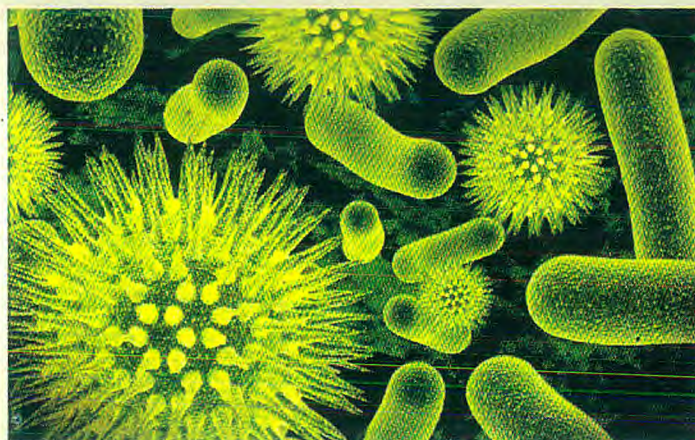
**CONFERENCES AND PROCEEDINGS**

1. Aranganathan V and Palvannan T. "Thermostabilization of *P. oleovorans* PAMD\_1 azoreductase using polysaccharide additives in aqueous state and its application as bioremediation tool". *10<sup>th</sup> National Conference on "Harnessing the power of microbes for better food, agro-industry, health and environment"*. 19<sup>th</sup> and 20<sup>th</sup> September 2011. Karpagam University, Coimbatore.
2. Aranganathan V and Palvannan T. "Immobilization of Azoreductase using sol-gel method and its potential application in Biosensor". *National seminar on Enzymes and Biocatalysis, the versatile actors: Current trends and future perspectives (NSEB 2012)*. 5<sup>th</sup> and 6<sup>th</sup> January 2012. Periyar University. (Communicated).

10<sup>th</sup> National Conference on

**“Harnessing the power of microbes  
for better food, agro-industry, health  
and environment”**

19<sup>th</sup> & 20<sup>th</sup> September, 2011



**ABSTRACT BOOK**



Enable | Enlighten | Enrich

**KARPAGAM  
UNIVERSITY**

(Under Section 3 of UGC Act 1956)

*Organized by*

**DEPARTMENT OF MICROBIOLOGY  
KARPAGAM UNIVERSITY**

Karpagam Academy of Higher Education

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari PO, Coimbatore – 641 021, Tamil Nadu, India

[www.karpagamuniv.com](http://www.karpagamuniv.com)

Phone: 0422-2611146, 2611082, Fax: 0422-2611043





**ARCHBISHOP CASMIR INSTRUMENTATION CENTRE [ACIC]**  
**ST JOSEPH'S COLLEGE (Autonomous)**  
*College with Potential for Excellence*  
**TIRUCHIRAPPALLI - 620 002 Tel : 0431-2721468/2721436**

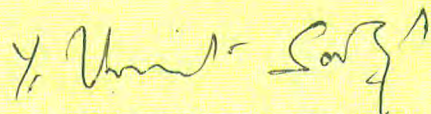
Date: 05/05/2011

**CERTIFICATE**

This is certify that Mr. V. Aranganathan has done the Cyclic voltammetric analysis for his samples in our Instrumentation laboratory on 05/05/2011.

**Receipt No: 1339**

Lab technician  
St. Joseph's College (Autonomous), Trichy-02

  
(VINCENT SAGAYARAJ)



## REPORT

**ISSUED TO**

<b>Mr. V. Aranganathan</b>	<b>Report Number</b>	<b>: BBIPL/FP/BC/2009/08/01</b>
Department of Biochemistry	<b>Date</b>	<b>: 11-08-2009</b>
<b>Center for Post Graduate Science</b>	<b>Your Ref</b>	<b>: Letter</b>
<b>Jain University, 18/3, 9<sup>th</sup> Main, 3<sup>rd</sup> Block</b>		
<b>Jaya Nagar, Banglore- 560011</b>		
<b>Ph No – 09035501749 , E-mail : bioarang@yahoo.co.in</b>		

**Kind Attn : Mr. V. Aranganathan**

**TEST DETAILS :**

**Sample Registration Date :** 11-07-2009

**Analysis Starting Date :** 22-07-2009

**Analysis Completion Date :** 30-07-2009

**Sample ID :** ARNB35

**Test required:** Bacterial identification by 16S rDNA

**SAMPLE TESTED AS RECEIVED**

**LAB REF:** MB/DPR/008

Encl: Data

Date: 10/08/2011

**ACKNOWLEDGEMENT**

This is to acknowledge that **Mr. V. Aranganathan** has performed Differential Scanning Calorimetric (DSCalorimerty) analysis for his organic samples in our laboratory on 15/03/2011.



**Nirupama**  
Manager- Analytical Development  
Semler Research Center Pvt Ltd

**Semler Research Center Private Limited**

**Corporate Office & Research Laboratories :**  
75A, 15th Cross, 1 Phase, J.P. Nagar, Bangalore - 560 078, INDIA  
Tel : + 91 80 4262 7200, Fax : + 91 80 2664 0683

**US Office :**  
11347 Vanowen Street, North Hollywood, CA 91605, U  
Tel : 818-760-1000 Fax : 818-760-2142

[www.semllerresearch.com](http://www.semllerresearch.com)

*“The goal of education is the advancement of knowledge  
and the dissemination of truth”*

*- John F. Kennedy*