

Dr.A.SARAVANAN



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in

**Present Address:**

G3, Abiraami Towers  
No.8/24, Anjaneyar Koil Street  
East Tambaram  
Chennai-600 059.

**Personal Data:**

Date of Birth : 26-July-1980  
Sex : Male  
Nationality : Indian  
Marital Status : Married

**Languages Known:**

Tamil  
English

**Contact No:**

9677133231

**Objective**

To become a technically sophisticated professional with a pioneering career focus on the latest Technologies.

**Summary**

To work with all the efficiencies through the effort of hard work and for the best deliverance of the meticulous output in the challenging environment of Chemical/ Biotechnology.

**Professional Experience (15.5 years )**

<b>Organization</b>	Hindustan Institute of Technology and Science
<b>Designation</b>	Associate Professor (Department of Chemical)
<b>Duration</b>	08-02-2010 to Till date
<b>Organization</b>	Sathyabama university
<b>Designation</b>	<b>Lecturer (Department Of Chemical Engineering)</b>
<b>Duration</b>	31-1-2008 – 20-11-2009
<b>Organization</b>	Udaya School of Engineering&Technology
<b>Designation</b>	<b>Lecturer (Department Of Biotechnology)</b>
<b>Duration</b>	02.06.04 – 28-1-08

**Technical Expertise**

Programming in C, C++

MS-Office

**Education**

**(Ph.D.), Chemical engineering**  
(Sathyabama University, Completed Feb 2013)

**M.E., Chemical** (2004) – 7.4(CGPA)  
(Annamalai University, Chidambaram.)

**B.Tech., Chemical**(2001) -- 65%  
(University of Madras)

**H.S.C., State Board** ( 1997) – 66.50%  
(St.Anns HSS, Tindivanam)

**S.S.L.C., State Board** ( 1995) – 80%  
(St.Anns HSS, Tindivanam)

## INTERNATIONAL / NATIONAL JOURNAL PUBLISHED

1. **A.Saravanan**, (2009), “An evaluation of chromium and zinc biosorption by a sea weed (*Sargassum* sp.) under optimized conditions,” **Indian Journal of Science and Technology** Vol. 2, Issue 1, pp: 53-56. ISSN: 0974- 6846.
2. **A.Saravanan**, (2009), “Drug designing for ring finger protein 110 involved in adenocarcinoma (human breast cancer) using casuarinin extracted from *Terminalia arjuna*”, **Indian Journal of Science and Technology**, Vol. 2, Issue 2, pp: 22-26. ISSN: 0974-6846.
3. **A.Saravanan**, (2009), “Kinetic studies on adsorption of heavy metals (copper and zinc) from aqueous solution using *Sargassum* sp”, accepted for publication in **International journal of Applied Bioengineering** ISSN 0973-9094.
4. **A.Saravanan**, (2010), “Kinetics and isotherm studies of mercury and iron biosorption using *Sargassum* sp”, **International journal of chemical sciences and applications** Vol.1, Issue 2, PP:50-60. ISSN 0976-2590.
5. **A.Saravanan**, (2010), “Kinetics and Isotherm Studies of Mercury and Iron Biosorption using *Sargassum* sp”. **International Journal of Chemical Sciences and Applications**, 1(2) 50-60.
6. **A. Saravanan**, (2011), “Characteristic Study of the Marine Algae *Sargassum* sp on Metal Adsorption”, **American Journal of Applied Sciences**, 8 (7) 691 – 694.
7. **A. Saravanan**, (2011), “Batch and Column Studies on the Absorption of Chromium from Aqueous Solution using *Sargassum* sp”, **International Journal of Current Research**, 3(9) 110–113.
8. **A.Saravanan**, (2010), “Kinetics and Isotherm Studies of Mercury and Iron Biosorption using *Sargassum* sp”. **International Journal of Chemical Sciences and Applications**, 1(2) 50 -60.
9. **A. Saravanan**, (2011), “Studies on the Structural Changes of the Biomass *Sargassum* sp on Metal Adsorption”, **Journal of Advanced Bioinformatics Applications and Research**, 2(3) 193-196.
10. **A. Saravanan**, (2012), “ Column Study on the Removal of Metals from Industrial Effluents using the Biomass *Sargassum* sp,” **International Journal of Applied Research in Mechanical Engineering (IJARME)** ISSN: 2231 –5950, Issue 1, 6-9.
11. **A. Saravanan**. (2012), Adsorption of heavy metals from Industrial effluent using *Sargassum* sp, *Discovery Science*, 2012/7, issue 1, 10-13
12. **A. Saravanan**, (2014), “Euilibrium and Kinetic Mdelling of Acid Red88 Biosorption by *ulkva reticulate*, nternational,” **Journal of Chemical and Process Engineering Research**, 2014, 1(3): 19-31.

13. **A.Saravanan, (2016)**, “Biofuel Production from Microalgae Nannochloropsis Oculata using dairy industry waste,”*International Journal Chem Tech Research*, Vol.9, No.05 pp 346-351, 2016.
14. **A. Saravanan, (2016)**, “Biofuel Production from Marine microalgae using paper and pulp industry wastewater-*Int. J. Chem. Sci.*: 14(4), 2016, 3249-3255.
15. **A. Saravanan, (2016)**, Wound Healing Ethano-pharmacological Potential of *Anisomeles malabarica* - **International Journal of Modern Science and Technology**- Vol. 1, No. 8, November 2016. Page 283-287.
16. **A. Saravanan (2017)**- Effect on Sintering and Synthesis of Transport Alumina-**International Journal of Modern Science and Technology**- Vol. 2, No. 5, May 2017. Page 201-204.
17. **A. Saravanan (2019)** Maximize Lipid Productivity of Marine Micro Algae *Dunaliella Salina* CCAP19 Using Mixotrophic Condition, *International journal of scientific technology research*, October 2019.
18. **A. Saravanan (2019)**Biofuel Production from Marine Microalgae *Nannochloropsis Salina* using Paper mill effluents *International Journal of Mechanical engineering and Technology*, January 2019.
19. **A. Saravanan (2020)** Phycoremediation of paper industry effluent using selected freshwater algae-Seybold Report-Volume 15 Issue 9 2020 Page: 413-420.
21. **A. Saravanan (2020)** SiC/oil nanofluids thermal conductivity at Varying concentration and heat inputs- Seybold Report -Volume 15 Issue 9 2020 Page: 3686.
22. **A. Saravanan (2020)**Biofiltration – a low cost method for dye removal from wastewater using discarded fruit peels- Seybold Report -Volume 15 Issue 9 2020

#### **AREA OF INTEREST**

- Chemical reaction Engineering
- Bio process Engineering
- Principles of Chemical Engineering
- Environmental Science & Engineering
- Unit Operation
- Heat and Mass transfer
- Chemical Engineering Thermodynamics
- Fluid mechanics
- Fermentation & Downstream process