

FACULTY PROFILE

Name : Dr. R. Dhandapani.
Designation : Assistant Professor
Contact Address with phone : Department of Microbiology
Periyar University
Salem – 636011.



Number and email ID : 9487863743 / danpani@gmail.com

Educational Background : M.Sc., Ph.D.

Teaching Experience : 6 Yrs.

Research Experience : 4 Yrs.

Research Interest : Enzyme technology, Algal technology.

M.Phil Guided : 10 Guided

Ph.D Guided : 6 (ongoing)

Research Publications :

1. Vijayalakshmi, **R. Dhandapani**, S. Jayavani, P. S. Jithendra, C. Rose and A.B. Mandal. In vitro anti inflammatory activity of aloe vera by down regulation of MMP-9 in peripheral blood mono nuclear cells. D. Journal of Ethanopharmacology, 141(2012)542-546.
2. R. Arulselvi, M. Ravi kumar, T. Silambarasan and **Dhandapani Ramamurthy.**, 2012 Prevalence of dental fluorosis among school children in Thirunagar, Madurai. J. Acad. Indus. Res. Vol. 1(1).
3. D. J. Mukesh kumara*, T. Silambarasan, R. Renuga, M. Ravi kumara, S. Karthigai devi, **Dhandapani Ramamurthy**, 2012. Production, optimization and characterization of α -amylase and glucose isomerase producing *Bacillus megaterium* BPTK5 from cassava waste. (European Journal of Experimental Biology, 2 (3):590-595).

4. Narendrakumar, G, **R.Dhandapani.**, 2011. "Characterization of aflatoxin B1 from *Aspergillus* species and biocompatibility studies", *Journal of Pharmacy Research*, 4(3), 621-623.
5. Priya Roy., **Ramamurthy Dhandapani.**, 2011., Plant defence proteins during aphid infestation., *Intl J of Appl Biol and Pharm Tech.*, 2(2), April- June 2011.
6. Rajarajan P, Prasanth D A, **Dhandapani R**, Sangeetha J, Devanandhan P.(2011) Preoperative bacteriological profile and its Antibiotic Pattern of Cataract cases presenting in a tertiary eye care hospital in salem. *International Journal of Current Research*, Vol 3, issue-7,125-127.
7. Vijayalakshmi, D., Venkatakrishnan, V., Priya Roy and **Dhandapani, R.**, 2010. Isolation and characterization of Mycobacteriophages from soil samples, *Intl.J. of Appl. Biol.*1(1):9-12
8. Venkatakrishnan, V., Shenbhagaraman, R., Kaviyarasan, V., Gunasundari, D., Radhika, K., **Dhandapani, R** and Jagadish. L.K., 2010. Antioxidant and antiproliferative effect of *Pleurotus ostreatus*, *Journal of Phytology*, 2(1): 22-28.
9. Venkatakrishnan, V., Shenbhagaraman, R., Kaviyarasan, V., Gunasundari, D., Radhika, K., **Dhandapani, R** and Jagadish. L.K., 2010. Antioxidant and antiproliferative effect of *Pleurotus ostreatus*, *Journal of Phytology*, 2(1): 22-28.
10. Sundaramoorthy, N., Yogesh, P. and **Dhandapani, R.**, 2009. Production of Prodigiosin from *Serratia marcescens* isolated from soil, *Indian Journal of Science and technology*. 2:32-34.
11. **Dhandapani, R.**, Arulmani, M. and Kalaichelvan, P.T., 2008. Tolypocladium inflatum DK1 CPA element genome sequence, NCBI Acc No. EU677795.
12. **Dhandapani, R.**, Arulmani, M. and Kalaichelvan, P.T., 2008. Tolypocladium inflatum DK1 CPA element genome sequence, NCBI Acc No. EU677795.
13. Arulmani, M., Murugesan, K., Arumugam, P., **Dhandapani, R.** and Kalaichelvan, P.T., 2005. Efficacy of *Pleurotus Sajorcaju* on the decolourization of Methyl Violet and Emerald Green and dying effluent .*Indian Journal of Applied Microbiology*. 1: 47-52.
14. **Dhandapani, R.** and Kalaichelvan, P.T., 2005. Production of compaction from fungi isolated from soil samples of south India. *Indian Journal of Applied Microbiology*.1: 13-15.

Professional Activities :

Project sanctioned:

S.NO	Name of the agency	Project Title	Amount (in lakhs)	Status
1.	DBT	Combined approaches in microalgae	16	On going
2.	SERB	The role of Probiotics in south Indian shrimp culture	19.6	On going

Conferences organized : National Seminar On “Molecular Aspects Of Microbiology”(NSMM-2012).

Research Collaborators : -

Research lab Facilities : Basic facilities are available related to Microbiology, Enzyme technology and Algal studies.

Research Projects : On going - 2.

Awards and Honours : -

Any other : Participated in DBT sponsored workshop on Microbial Biotechnology from 22nd September to 15th October 2010 organized by Vel’s University, Chennai.

Orientation course : Participated in orientation program from 02nd September to 29th September 2011 organized by University of Madras.