

## Dr. M.LAKSHMI PRABHA'S Profile



### Dr. M.LAKSHMI PRABHA, M.Sc., Ph.D

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DESIGNATION :ASSISTANT PROFESSOR (AGP8000)  
KMAIL, GMAIL :lakshmi@karunya.edu  
Mobile No: :9442424136  
Date of Joining : 07/10/2006

#### Academic Background

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Degree	University	Year
Ph.D	BHARATHIAR UNIVERSITY	2008
M.Sc.	BHARATHIAR UNIVERSITY	2001
B.Sc.	BHARATHIAR UNIVERSITY	1998

#### Courses Taught

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- Biochemistry, Role of biotechnology, Industrial effluent treatment ,Medical Biochemistry, Metabolism and Bioenergetics

#### Research Interests

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- Waste water treatment
- Vermitechnology
- Waste management
- Anti diabetic activity

#### MOST RECENT PUBLICATIONS

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1 Shiva priya , M..Lakshmi Prabha and Reya Issac, Health benefits of Bishop Weed, Drug Invention today Vol 12 issue 7, 2019,1430-1432

2 Y. Felita Dhaslin, Antioxidant, antimicrobial, and health benefits of nutmeg Drug Invention today Vol 12 issue 1 2019.

3.Shree yazhini M. Lakshmi Prabha Reya Issac, Characterization And Molecular Identification Of Poly Urethane Degrading Bacteria Journal of Pure and Applied Microbiology, Vol. **15**, 2021

4.Bio Efficacy Assay of Laccase Isolated and Characterized from *Trichoderma viride* in Biodegradation of Low Density Polyethylene (LDPE) and Textile Industrial Effluent Dyes” Journal of Pure and Applied Microbiology, Vol 15. Issue 1, March 2021, 410-420.

5. Equilibrium and kinetic studies for removal of hexavalent chromium from paint industry effluent using biochar” International Journal of Scientific and Technology Research, Vol 9. Issue 3, 2020, 158-1164.

#### **PROJECTS HANDLED**

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- Equilibrium and kinetics studies for Biosorption of Hexavalent chromium using fungus isolated from Tannery Sludge Sanctioned by Tamilnadu State Council for Science and Technology.
- Effect of vermicompost on the growth of *Capsicum annum* sanctioned by Karunya Short Term Research Project from Karunya University.
- Electric Potential from Vermicomposting of Spent Tea waste by employing Exotic Earthworm *Eudrilus eugeniae* Sanctioned by Tamilnadu State Council for Science and Technology.
- Wound healing property of *Symplocos racemosa* in Swiss albino rats sanctioned by Karunya Short Term Research Project from Karunya University.

- Investigation of protective effect of 1,2-Diazole on B16F-10 induced lung metastasis sanctioned by Karunya Short Term Research Project from Karunya University.
- Investigation of anti-inflammatory effect of *Averrhoa bilimbi* extract in Balb/C mice sanctioned by Karunya Short Term Research Project from Karunya University.

**PATENTS PUBLISHED/GRANTED :NIL**

### Memberships in Professional Bodies

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- International Society for Applied Life Sciences
- Global Economic Progress and Research Association