

## **Faculty Profile of Dr. D. Prabha**



**Dr. D. Prabha**  
**Assistant Professor**  
**Department of Environmental Sciences**

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### **Research Area**

- Environmental Monitoring
- Bioremediation
- Climate Change

### **Education & Career**

#### **Education**

**Ph. D.**

Subject : Environmental Sciences

Institution : Bharathiar University

Affiliated University : Bharathiar University

Year of Award : 2010

**M. Sc.,**

Subject: Environmental Sciences

Institution : Bharathiar University

Affiliated University : Bharathiar University

Year of Award : 1996

**B. Sc.,**

Subject: Zoology

Institution: Nirmala College for Women

Affiliated University: Bharathiar University

Year of Award: 1994

**Career****At Bharathiar University (Reverse Order)**

Assistant Professor : 2013 to Till Date

Technical Officer : 1998 to 2013

**Awards****Travel awards**

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**Academic Awards**

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**Awarding agency:** International Foundation for Environment and Ecology and Department of Environmental Sciences, Bharathiar University, India

**Purpose of award:** Best oral Presentation

**Date:** 09.03.2016

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**Awarding agency:** Science and Engineering Research Board, India

**Purpose of award:** Best oral Presentation

**Date:** 07.10.2015

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## **Membership**

### **Professional Bodies**

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#### **Indian Science Congress**

Member: Life Member

Period:

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### **Academic Bodies**

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#### **Board of Studies, Environmental Sciences**

Member: Member

Period:2013-till date

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#### **Doctoral Committee, Periyar University**

Member: Member

Period:

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#### **Doctoral Committee, PSG College of Arts and Science**

Member: Member

Period:

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## **Visits**

Country : Tokyo, Japan

Date of Visit : December 2006-June 2007

Purpose of Visit : Research Assistant

## **Collaborators**

## Others

## Projects

Funded Projects(National Level)

- [Ongoing - 0](#)
  - [Completed - 01](#)
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### 1. RUSA

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**Title of the project :** Entrepreneurship Workshop series for community Development

**Funding Agency :** RUSA

**Amount :** Rs. 8.0 L

**Duration :** 26.12.19 to 30.06.2020

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Consultancy Projects

- [Ongoing](#)
- [Completed](#)

## Research Guidance

- [Post Doc](#)
- [Ph.D](#)
- [M.Phil](#)
- [M.Sc.](#)

Ongoing

**Candidate Name** : S.Sudha

**Date of Admission** : Nov 2016

**Candidate Name** : Anitha V

**Date of Admission** : October 2018

Awarded

**Candidate Name** : Hanish Mohammed

**Title of the Thesis** : Phytotherapeutic evaluation of Rhodiola imbricata

**Year Of Awarded** : 2012

Ongoing

Completed

**Sl. No.** : 1

**Name of the candidate** : G. Laxmipriya

**Title of the Thesis** : Assessment of sand filter performance incorporated with raw plant powders, activated carbon and biochar for the treatment of grey water- A pilot scale study.

**Year Of Awarded** : 2020

**Sl. No.** : 2

**Name of the candidate** : K. Sujatha

**Title of the Thesis** : A survey on veterinary drug use and residue analysis of oxytetracycline and ceftriaxone in milk samples in Coimbatore, Tamil Nadu.

**Year Of Awarded** : 2020

Ongoing

Ongoing

Completed

**Sl. No. : 1**

**Name of the candidate :** Nimisha S

**Title of the Dissertation :** Biosynthesis of silver nanoparticles using leaf extract of *trichodesma indicum* and its application in removal of dyes from aqueous solutions.

**Year Of Awarded :** 2014

**Sl. No. : 2**

**Name of the candidate :** Anitha V

**Title of the Dissertation :** Effects of Oxytetracycline on germination and plant growth of *Spinacea oleracea* L.

**Year Of Awarded :** 2015

**Sl. No. : 3**

**Name of the candidate :** Mathumathi M M

**Title of the Dissertation :** Preliminary evaluation of antibiotic residues in marketed chicken meat in Coimbatore city, Tamilnadu.

**Year Of Awarded :** 2016

**Sl. No. : 4**

**Name of the candidate :** Selvamani S

**Title of the Dissertation :** Sorption characteristics of oxytetracycline onto three different soils of Coimbatore district, Tamilnadu.

**Year Of Awarded :** 2017

**Sl. No. : 5**

**Name of the candidate :** Alakananda

**Title of the Dissertation :** Influence of biochar on the impact of Oxytetracycline on soil enzymatic activities

**Year Of Awarded :** 2018

**Sl. No. : 6**

**Name of the candidate :** Ambili

**Title of the Dissertation :** Selected enzyme activities of soil contaminated with sulphamethoxazole in the presence and absence of biochars.

**Year Of Awarded : 2018**

**Sl. No. : 7**

**Name of the candidate :**Saranya

**Title of the Dissertation :**Study on the effect of biochars on the impact of erythromycin on soil enzymatic activities.

**Year Of Awarded : 2018**

**Sl. No. : 8**

**Name of the candidate :**Anjali Padmam

**Title of the Dissertation :** Flood hazard assessment of pathanamthitta district using spatial temporal techniques.

**Year Of Awarded : 2019**

**Sl. No. : 9**

**Name of the candidate :**Silambarasan S

**Title of the Dissertation :**A survey of the veterinary drug use and monitoring for oxytetracycline residues in milk samples from Coimbatore, Tamilnadu

**Year Of Awarded :2019**

**Sl. No. : 10**

**Name of the candidate :**Athulya

**Title of the Dissertation :**Isolation and identification of oxytetracycline degrading bacteria from cattle manure

**Year Of Awarded :2019**

## **Research Publication**

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books/Chapters](#)
- [Database](#)

## Reverse Chronological Order

2021

2020

2015-2012

7. Remediation of cadmium contaminated vertisol mediated by Prosopis charcoal and coir pith

Senthilkumar P, Prabha D, Sivakumar S and Subbhuraam C V

Eurasian Journal of Soil Science-2015

6. The influence of the earthworm *Lampito mauritii* (Kinberg) on the activity of selected soil enzymes in cadmium -amended soil

Sivakumar S, Prabha D, Barathi S, Nityanandi D, Subbhuraam C V,

Lakshmipriya T, Kamalakannan S, Jang S H and Yi P I

Environ Monit Assess-2015

5. Responses of *Portulaca oleracea* Linn to selenium exposure

Prabha D, Sivakumar S, Subbhuraam C V and Son H K

Toxicology and Industrial Health-2015

4. Selected enzyme activities of urban heavy metal-polluted soils in the presence and absence of an oligochaete, *Lampito mauritii* (Kinberg)

Sivakumar S, Nityanandi D, Barathi S, Prabha D, Rajeshwari S, Son H K, and Subbhuraam C V

Journal of Hazardous Materials-2012

2009-1998

3. Effects of selected heavy metals (Pb, Cu, Ni and Cd) in the aquatic medium on the restoration potential and accumulation in the stem cuttings of the terrestrial plant, *Talinum triangulare* Linn.

Rajkumar K, Sivakumar S, Senthilkumar P, Prabha D, Subbhuraam C V and Song Y C.



## Ecotoxicology-2009

2.Efficiency of composting parthenium plant and neem leaves in the presence and absence of an Oligochaete, *Eisenia fetida*

Sivakumar S, Kasthuri H, Prabha D, Senthilkumar P, Subbhuraam C V and Song Y C

Iran.J.Environ.Health.Sci.Eng.-2009

1.Removal of Direct red and acid brilliant blue by adsorption onto banana pith

Namasivayam C, Prabha D and Kumutha M.

Bioresource technology-2009

## Reverse Chronological Order

2017

3.Simultaneous Electricity Generation and Heavy Metals Reduction from Distillery Effluent by Microbial Fuel Cell.

HMC Hamza, P. Duraisamy, S.Periyasamy, H Pokkiladathu and M Muthuchamy

Indian Journal of Science and Technology

2016-2003

2.One-pot Fabrication and Characterization of Silver Nanoparticles using *Solanum lycopersicum*:An Eco-friendly and Potent Control tool against Rose aphid,  *Macrosiphum rosae*

Atanu B, Ram Prasad, Buhroo A A, Prabha D, Yousuf I, Umadevi M, Bindhu m R, Marimuthu G, Khanday A L.

Journal of Nanoscience.-2016

1.Effect of cadmium and mercury on the survival morphology and and burrowing behaviour of the earthworm *Lambito mauritii*(Kinberg).

Sivakumar S, Kavitha K, Rajeshwari S, Prabha D and Subburam V

ndian Journal of Environmental Protection-2003

## **Books**

01. Nano-biofungicides : emerging trend in insect pest control. Advances and Applications Through Fungal Nanobiotechnology.

A Bhattacharyya, P Duraisamy, M Govindarajan, AA Buhroo, R Prasad  
Springer, 2009, ISBN: 978-3-319-42989-2,

02. Dynamic Soil, Dynamic Plant Life cycle parameters of the earthworm *Eisenia fetida* exposed to Chromium (III) and chromium (VI) amended organic substrates.

Sivakumar S, Song Y C, Prabha D and Subbhuraam C V  
Global Science books, 2009,

Alumini Reflections: