

Faculty Profile of Dr. K. Chitra



Dr. K. Chitra
Assistant Professor
Department of Botany

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Research Area

- Plant Ecology
- Environmental Pollution
- Phytoremediation

Education & Career

Education

Ph.D.

Subject : Botany

Institution : Bharathiar University, Coimbatore

Affiliated University : Bharathiar University

Year of Award : 2013

B.Ed.,

Subject : Science

Institution : Government Educational College

Affiliated University : Bharathidasan University

Year of Award : 2003

M.Phil.,

Subject : Botany

Institution : Annamalai University

Affiliated University : Annamalai University

Year of Award : 1999

M.Sc.,

Subject: Botany

Institution : Annamalai University

Affiliated University : Annamalai University

Year of Award : 1998

B.Sc.,

Subject: Botany

Institution: Holy Cross College

Affiliated University: Bharathidasan University

Year of Award: 1996

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

Assistant Professor : ***** to Till Date

Past Experience

Lecturer : June 2005 to March 2006 at Imayam College of Arts and Science

Awards

Membership

Visits

Collaborators

Others

Projects

Funded Projects(National Level)

- [Ongoing - 01](#)
- [Completed - 01](#)

1. MHRD - RUSA

Title of the project : Beautification of bharathiar university campus using available ornamental flora and establishment of organic terrace garden

Funding Agency : MHRD – RUSA

Amount : Rs.6,00,000/-

Duration : Five months

2. UGC-MRP

Title of the project : ' *****'

Funding Agency : *****

Amount : Rs. *****

Duration : *****

1. MHRD - RUSA

Title of the project : Medicinal plants: their role in human health and drug discovery for cancer

Funding Agency : MHRD - RUSA

Amount : Rs.6,10,000/-

Duration : Two years

Consultancy Projects

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

Research Guidance

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

ONGOING

Candidate Name

Title of the Thesis : *****

Date of Submission:

Date of Award:

AWARDED

Dr. M.Kalaimani

Title of the Thesis : Phytoremediation of heavy metal contaminated soil by ornamental flora.

Year of Award : 2019

Sl.No. : 01

Name of the candidate : G.B.Kamala

Title of the Thesis : Determination Of Agricultural Soil Fertility And Contamination Status During Crop Cultivation.

Year : 2018

Sl.No. : 02

Name of the candidate : M.S. Sri Saranya

Title of the Thesis : Phytotoxic Effect Of Textile Industry Effluent On Chrysanthemum indicum.

Year : 2019

Sl.No. : 01

Name of the candidate : K.Harsha varthini

Title of the Dissertation : Assessment Of Physico Chemical Parameters Of Soils And Mineral Status, Heavy Metal Contamination In Soil And Plants Around Some Rural Areas Of Gopichettipalayam, Erode District, Tamilnadu.

Year : 2018

Sl.No. : 02

Name of the candidate : N.Sangeetha

Title of the Dissertation : Evaluation Of Physico Chemical Parameters And Heavy Metal Status In Kurichi kulam, Coimbatore, Tamilnadu.

Year : 2018

Sl.No. : 03

Name of the candidate : R.Kavin kumar

Title of the Dissertation : Evaluation of Agricultural Soils In Hill Regions of Eastern Ghats And Western Ghats

Year : 2019

Sl.No. : 04

Name of the candidate : M.Mohana Prabha

Title of the Dissertation : A Comparative Study On Fertility Status of Rural And Agricultural Soils In Coimbatore Districts.

Year : 2019

Sl.No. : 05

Name of the candidate : S.Ramakrishnan

Title of the Dissertation : Evaluation Of Organic Carbon And Nitrogen Flux In Different Agricultural Lands In Coimbatore

Year : 2019

Sl.No. : 06

Name of the candidate : C.Kowsali

Title of the Dissertation : Effect Of Vermicompost And Bio-Fertilizers On Growth And Biochemical Parameters Of Amaranthus Co2

Year : 2020

Sl.No. : 07

Name of the candidate : E.Perinban

Title of the Dissertation : Comparative Study On Soil Parameters And Histochemical Analysis On Leaves Of Medicinal Plants From Eastern Ghats And Western Ghats.

Year : 2020

Sl.No. : 08

Name of the candidate : S.Vadivu

Title of the Dissertation : Efficacy Of Farmyard Manure On Growth And Biochemical Parameters Of Coriandrum sativum L. In Field Condition.

Year : 2020

Research Publication

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

Reverse Chronological Order

2021

Number. Title
Author Names
Journal Name

2020

8. [Assessment of soil physicochemical parameters and ftir study on soil and leaves of elaeocarpus ganitrus roxb in sim's park, coonoor](#)

K. Chitra

International Journal Of Botany Studies, 5 (5), 394 – 398, [2020]

7. [Assessment of soil salinity for different plant groups in different habitats](#)

K. Chitra

International Journal For Research In Applied Science & Engineering Technology, 8 (V), 800 – 804, [May 2020]

6. [Chromium induced and its detection by rapd in cotton \(Gossypium hirsutum L.\) plant](#)

D.Ezhilvannan, P.S. Sharavanan, K. Chitra

International Journal Of Emerging Technologies And Innovative Research,
7 (3), 528-530,
[March-2020]

5. [Current status of agricultural soil fertility in erode](#)

K. Chitra

International Journal Of Scientific & Technology Research, 9 – (01), 1 – 3,
[January,2020]

<https://www.ijstr.org/final-print/jan2020/Current-Status-Of-Agricultural-Soil-Fertility-In-Erode.pdf>

2019-2004

4. [Comparative study on physicochemical parameters of normal and infected eucalyptus species soil](#)

K. Chitra

Journal Of Emerging Technologies And Innovative Research, 5, (12), 514 – 518, [2018].

3. [Assessment of physicochemical properties and heavy metals in soils of some rural areas around gobichettipalayam, erode district, tamilnadu](#)

K. Chitra, K. Harshavarthini

Journal Of Emerging Technologies And Innovative Research, 5, (8), 405 – 408, [2018]

2. [Effects of copper on germination and seedling growth of radish \(Raphanus sativus L.\)](#)

K. Chitra

Journal Of Environmental Science, Toxicology And Food Technology, 11, (4), 1, 01-02,
(April, 2017]

1. [Declined morphology in tobacco \(Nicotiana tabacum L.\) due to cadmium stress](#)

K. Chitra, P.S. Sharavanan

International Journal Of Advanced Research, 5 (3), 1891 – 1897, [2017]

1. The role of organic farming for microbial diversity

K. Chitra and B. Sathya Priya

Microbial biodiversity

Cambridge Scholars Publishing, 113-124, [2020]

ISBN (10): 1-5275-4818-X

ISBN (13): 978-1-5275-4818-3

2. Bioprospecting eco-friendly natural dyes using novel marine bacteria as an efficient

alternative to toxic synthetic dyes

B. Sathya Priya, K. Chitra and T. Stalin

Microbial biodiversity

Cambridge Scholars Publishing, 1-13, [2020]

ISBN (10): 1-5275-4818-X

ISBN (13): 978-1-5275-4818-3

3. Agricultural pollution

K. Chitra and B. Sathya Priya

A primer on earth pollution: pollution types and disposal

Bentham Science Publishers Private Limited, Singapore, 46-58, [2020]

ISBN (Online): 978-981-14-7655-6

ISBN (Print): 978-981-14-7653-2

4. Marine pollution

B. Sathya Priya, K. Chitra and T. Stalin

A primer on earth pollution: pollution types and disposal

Bentham Science Publishers Private Limited, Singapore, 113-128, [2020]

ISBN (Online): 978-981-14-7655-6

ISBN (Print): 978-981-14-7653-2

Alumini Reflections: