

FACULTY PROFILE

Name : **Dr. CHITRAVELU BHAASKARAN**

Designation : Assistant Professor of Botany

Father's Name : Chitaravelu, U.

Nationality & Religion : Indian - Hindu

Date of birth : 26-7-1968

Academic Qualification : M.Sc., M.Phil., Ph.D.,

Teaching / Research Experience : 18 years of Teaching and Research

Working Address : Avvaiyar Govt. College for Women,
(Affiliated to Pondicherry University),
Karaikal - 609 602.
U.T. of Puducherry.

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Organizational Head ; Directorate of Higher and
Technical Education, Puducherry,
U.T. of Puducherry.

Classes Handled : B.Sc., M.Sc.,

Area of Specialization : Medicinal Botany, Microbiology, Ecology

No. of seminars and conferences participated: 30

No. of papers presented in
Seminars and Conferences : 16

No. of papers published (Journals
and Conference proceedings) : 18

No. of Books / Booklets Published : 2 (as Co-author)

Research supervision
M.Phil. awarded : 6

No. of Ph.D. thesis evaluated : 7

Perform as a Doctoral committee member : 2

Academic record starting with graduation:

Degree	University	Year of Joining	Year of Leaving	Percentage	Class/ Division
B.Sc.,	Bharathidasan University, Thiruchirapalli	1985	1988	59%	Second
M.Sc.,	-Do-	1989	1991	62%	First
M.Phil.,	-Do-	1991	1993	79%	Distinction
Ph.D.,	-Do-	1994	1999	-	Commended

ACADEMIC TRAINING COURSES ATTENDED:***Orientation Course***

93 rd Orientation Course

28 days from 10-9-2008 to 07-10-2008

UGC - ASC, Pondicherry University, Puducherry.

Refresher Course in Environmental Science (Multi-Disciplinary)

21 days from 28-2-2015 to 20-03-2015

UGC-HRDC ,Bharathidasan University, Tiruchirapalli.

Refresher Course in Life Sciences (Inter Disciplinary)

21 days from 03-03-2016 to 23-03-2016

UGC-HRDC,BharathidasanUniversity, Thiruchirappalli.

Short Term Course in Research Methodology

7 days from 22-2-2018 to 28-02-2018

UGC-HRDC, Bharathidasan University, Tiruchirapalli.

PROFESSIONAL TRAINING RECEIVED

Year	Nature of Training	Duration	Organization where training was provided
1996	Training cum Demonstration Programme on Medicinal and Aromatic Plants.	25-03-1996 to 26-03-1996	Central Institute for Medicinal and Aromatic Plants (CSIR), Kodaikanal, Tamil Nadu.
1998	Training on Herbarium Techniques.	26-10-1998 to 13-11-1998	Botanical Survey of India (Southern Circle), Coimbatore, Tamil Nadu.
1999	State Level Training Programme in Bio-fertilizers. (As a Resource Person)	06-10-1999	AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur District, Tamil Nadu.
2006	State Level Workshop on Techniques in Standardization of Herbal Drugs.	18-08-2006 to 19-08-2006	AVC College (Autonomous), Mayiladuthurai, Tamil Nadu.

Research Papers Published during 2010-21 :

List enclosed: **Annexure - I**

Articles in Conference Proceedings during 2010-21:

List enclosed: **Annexure - II**

List of Students' Projects guided :

List enclosed: **Annexure - III**

ANNEXURE – I

LISTS OF PARERS PUBLISHED IN JOURNALS AND CONFERENCE PROCEEDINGS DURING 2010 -21

Bharathajothi, P. and **Bhasskaran C.T**, 2010. A review on the medicinal plants used for Leucorrhoea. www.siddhapapers.org ISSN 0974 – 2522 .*Siddha Papers* (1): 1

Bharathajothi, P and **Bhaaskaran, C.T.**, 2014. Phytochemical and pharmacological evaluations of *Aristolochia bracteolata* Lam. *Asian Journal of Plant Science and Research*, **4(6)**:15-19 ISSN : 2249-7412

Bhaaskaran, C.T., Tamilselvi, S and Bharathajothi, P., 2014 Antibacterial activity of *Aristolochiabraceteolata* Lam. *International Journal of Innovative Research & Development*. **Vol. 3** Issue 13 Pages 319-321

Bharathajothi, P., **Bhaaskaran, C.T** and Tamilselvi, S. 2015. Antifungal activity of *Enicostema axillare* Lam. *Inter. Jour. of Phytotherapy* / **Vol 5** / Issue 1 / 2015 / 01-04. e -ISSN - 2249-7722 Print ISSN - 2249-7730

Bharathajothi, P., **Bhaaskaran, C.T.**, Menaka, M and Tamilselvi, S. 2015. Antimicrobial activity and phytochemical screening of the medicinal plant *Heliotropium indicum* L. *Journal of Microbial Biotech. Res.*, **5(2):8-11**. ISSN : 2231 - 3168

Bharathajothi, P., Tamilselvi, S and **Bhaaskaran, C.T.**, 2015. Studies on *Enicostema axillare* Lam. on human skin infections. *International Journal of Biological and Biomedical Sciences*, **Vol. 4**, No. 11, pp. 067-069.

Bharathajothi, P., **Bhaaskaran, C.T** and Tamilselvi, S. 2015. Antifungal activity of *Enicostema axillare* Lam. *Inter. Jour. of Phytotherapy* / **Vol 5** / Issue 1 / 2015 / 01-04. e - ISSN - 2249-7722 Print ISSN - 2249-7730

Bharathajothi, P., **Bhaaskaran, C.T.**, Menaka, M and Tamilselvi, S. 2015. Antimicrobial activity and phytochemical screening of the medicinal plant *Heliotropium indicum* L. *Journal of Microbial Biotech. Res.*, **5(2):8-11** ISSN : 2231 –3168

Bharathajothi, P., Tamilselvi, S and **Bhaaskaran, C.T.**, 2015. Studies on *Enicostema axillare* Lam. on human skin infections. *International Journal of Biological and Biomedical Sciences*, **Vol. 4**, No. 11, PP. 067-069,

Kavitha K. K, **Bhaaskaran C.T** and Bharathajothi P. 2016. Antimicrobial activity of *Ipomea carnea* Jacq. And *Jatropha curcas* L. against paddy pathogenic microorganisms. *Tamil Civilization*. Volume **28**. Issue 1-2, pp 71- 75. ISSN 2277-7814.

Bharathajothi, P., **Bhaaskaran, C.T** and Selvakumar, A., 2017. Antidiabetic activity of *Pongamia glabra* in streptozotocin induced diabetic rats. *Proceeding on the International Conference on Women's Day 2017*. Tamil University, Thanjavur.

Bharathajothi, P., Jegadeesan, M and **Bhaaskaran, C.T.**, 2017. Antimicrobial activity of selected ethnomedicinal plants used in skin diseases by *Paliyar* Tribe of Southern Western Ghats, Puliangudi, Tirunelveli District, Tamil Nadu, India. *Asian Journal of Science and Technology* **Vol. 08**, Issue, 07, pp.5135-5138.

Madharasi, R., T. Ganesan, Thiruvaraman, K. and **C.T. Bhaaskaran**, 2020. Studies on antibacterial activity of temple tank actinomycetes against MTCC bacterial strains by screening methods. *International Journal of Modern Pharmaceutical Research*, Vol.4, Issue 6, 2020. IJMPR/552/4/2020 ISSN 2319-5878 – Impact factor: 5.273.

Madharasi, R., T. Ganesan, **C.T. Bhaaskaran** and Sambandan, K., 2020. Antimicrobial activity of soil actinomycetes from the temple tank of Karaikal region' (.) *International Journal of Modern Pharmaceutical Research*, Vol.4, Issue 6, 2020. IJMPR/560/4/2020 ISSN 2319-5878 – Impact factor: 5.273.

Madharasi, R., T. Ganesan, **C.T. Bhaaskaran** and Sambandan, K., 2021. Isolation of actinomycetes from temple tank soil of Karaikal region and screening their antimicrobial activities' (.) in *Mutilogic in Science*, Vol. X, Issue XXXVI, April 2021. (International Refereed, Peer Reviewed & Indexed Quarterly Journal for Applied Science, ISSN 2777-7601).

ANNEXURE - II

RESEARCH ARTICLES IN CONFERENCE PROCEEDINGS DURING 2010-21:

Bharathajothi, P and **Bhaaskaran C.T.**,2014. Antimicrobial activity of *Leucas aspera* against Leucorrhoea causing microorganisms. *Proceeding on the National Conference on Herbal Science* .Tamil University, Thanjavur. ISBN: 978-81-7090-457-1

Bharathajothi, P and **Bhaaskaran C.T.**, 2016. Breast Cancer- A Cautious Report..*Proceeding on the International Conference on Women's Day 2016*.

Bharathajothi, P and **Bhaaskaran C.T.**, 2016. Breast Cancer:A Cautious Report. *Proceeding on the International Conference on Women's Day 2016, Tamil University, Thanjavur*.

Bharathajothi, P., **Bhaaskaran, C.T** and Selvakumar, A., 2017. Antidiabetic activity of *Pongamiaglabra* streptozotocin induced diabetic rats. *Proceeding on the International Conference on Women's Day 2017*. Tamil University, Thanjavur.

Bharathajothi P. and **C.T. Bhaaskaran** , 2018. Studies on medicinal plants used in Siddha Medicine for peptic ulcer diseases. 2 nd Tradalth Convention, Malaysia, December, 2018. 3. Malaysia, during 20 - 22 December 2018.

Nasleem Hemana, M, **Bhaaskaran C.T** and Bharathajothi, P., 2018. Research article entitled“Antimicrobial potential of the flower extract of *Mimusops Elengi* L. againsts some human pathogens” was accepted and presented as poster presentation in International Tradalth Convention held at Cyberjaya University College of Medical Sciences, Malaysia during 20 - 22 December 2018.

Saral, L, **Bhaaskaran C.T** and Bharathajothi, P., 2018. Research article entitled “antimicrobial potential of tuber extract of *Cyperus rotundus* L. against some human pathogens” has presented as poster in the International Conference on Recent Trends in Microbiology, Alagappa University, Karaikudi during 24 - 25 January 2019.

Bharathajothi, P and **C. T. Bhaaskaran**, 2019. Phytochemical and pharmacological evaluations of *Emblica ribes*. International Conference on Women's Day, Tamil University, Thanjavur on March 8, 2019.

Bharathajothi, P and **C. T. Bhaaskaran**, 2019. National Conference on Biotechnological Advances in Biomedical, Environmental and Agricultural Technology held at Hindustan College of Arts and Science, Chennai on 13th Sep. 2019.

C.T. Bhaaskaran - Invited Lecture on National Seminar on Emerging Science and Technologies for Environment and Biodiversity Conservation on 3rd March 2020, organized by Dept. of Environmental and Herbal Science, Tamil University, Thanjavur.

Gayathri, S, **C.T. Bhaaskaran** and P.Bharathajothi, 2023. Poster presentation entitled 'Sustainable development and conservation of medicinal plants' in National Conference on Conservation Strategies for Sustainability of Natural Resources held at Department of Environmental and Herbal Science, Tamil University, Thanjavur on 21th March 2023.

Kalaivani, A, **C.T. Bhaaskaran** and K. Murugesan, 2023. Oral presentation entitled 'Biodiversity and its Conservation' in National Conference on Conservation Strategies for Sustainability of Natural Resources held at Department of Environmental and Herbal Science, Tamil University, Thanjavur on 21th March 2023.

ANNEXURE – III

LIST OF STUDENT PROJECT GUIDED

Sl. No	Name of the Students	Degree	Year	Title of the Project Work
1	Shalini, P.	M.Sc.	2011	A study of the antimicrobial potential of <i>Achyranthes aspera</i> L.
2	Padmapriya, R.	M.Sc.	2012	Studies on Arbuscular Mycorrhizal Fungal association in plants of salt pan area of Vedaranyam, Tamil Nadu.
3	Shanmugapriya, S.	M.Sc'	2012	Studies on Arbuscular Mycorrhizal Fungal association in some Rhizomatous Medicinal Plants.
4	Ramya, R.	M.Sc.	2013	Buocontrol of <i>Pythium</i> soft rot of Turmeric (<i>Curcuma Longa</i> L.) by <i>Trichoderma viride</i> .
5	Anandhi, A.	M.Sc.	2014	Studies on ArbuscularMycorrhizal Fungi in some medicinal plants in Karaikal District.
6	Sivagamy, K.	M.Sc.	2015	Antimicrobial potential of some medicinal plants against Urinary Tract Infection causing bacteria.
7	Kanimozhi, K.	M.Sc.	2016	Bio control of <i>Fusarium oxysporum</i> causing vascular wilt in Brinjal(<i>Solanum melangena</i> , L.) by <i>Trichoderma viride</i> .
8.	Madharasi, R.	M.Sc.	2017	Screening of effective <i>Rhizobium</i> isolate on growth and yield of ground nut (<i>Arachis hypogaea</i> L.)
9	Deviga, J.	M.Sc.	2018	Arbuscular Mycorrhizal Fungi – A boon to agriculture – A critical review
10	Saral, L	M.Sc.	2018	Antimicrobial potential of tuber extract of <i>Cyperus rotundus</i> L.aganst some human pathogens.
11	Nasleem Hemana, M.	M.Sc.	2018	Antimicrobial potential of flower extract of <i>Mymusops elengi</i> L.aganst some human pathogens

12	Roselin Rubavathi, M.	M.Sc.	2019	Association of Arbuscular Mycorrhizal Fungi in some vegetable plants cultivated in Karaikal District, Puducherry.
13	Muhilarasi, N.	M.Sc.	2020	Medicinal Plants as immunomodulators – An Overview
14	Narkis Banu, M.	M.Sc.	2020	Biofertilizer a Boon to sustainable agriculture – An Overview

SEMINARS / EVENTS ORGANIZED:

Sl. No.	Seminars/ Webinars/ Workshops/Conferences	Organized By	Period	Convener/ Coordinator/ Member
1.	One day Science Exhibition on “Plants – The source of Life”	P.G. Department of Plant Science, AGCW, Karaikal.	15 th March, 2019	Coordinator
2	One Day Seminar On “Recent Advances in Plant Sciences and Traditional Medicines”	IQAC & P.G. Department of Plant Science, AGCW, Karaikal.	5 th March, 2020	Coordinator
3	One Day Seminar cum Workshop on “Conservation of Olive Ridley Turtle & Mangrove Afforestation”	Department of Botany, AGCW, Karaikal & Nature Environment and Wildlife Society (NEWS)	3 rd March, 2023	Coordinator
4	One day Exhibition cum Poster Presentation on “Plants – Treasure of the Earth”	Department of Botany, AGCW, Karaikal.	25 th April, 2023	Coordinator

Students Field Visit cum one day Hands-on training Programme on ‘Vermicomposting and Mushroom Culture Technique’ at Krishi Vikgnan Kentra (TNAU), Mathur, Karaikal District on 09-08-2019