

RESUME

Name : Dr. M. Bastin Churchill
Father's name : S.Manickam
Data of Birth : 06.07.1972
Nationality / Religion : Indian Roman Catholic
Subject studied : Botany
Qualification : M.Sc.,M.Phil.,B.Ed.,P.G.D.B.A.,Ph.D
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Ph.D Research Topic: *In vitro* studies on *Spilanthes calva* L. a medicinal plant

Computer Skills: MS office, Tally, Photoshop and Page maker

Areas of research interest

- ✓ Plant Physiology,
- ✓ Plant Biotechnology,

Areas of interest

- ✓ Horticulture and landscape designing,
- ✓ Tree Transplantation,
- ✓ Bonsai, Topiary and Orchid Cultivation

College Studied

S.No	Degree	Institution	Place	Year
01	B.sc,	St.Joseph's College (Autonomous)	Thiruchirappalli	1989-1992
02	D. Horticulture	University of Agricultural Sciences, Bangalore	UAS Bangalore	1992-1993
03	M.Sc.,	St.Joseph's College (Autonomous)	Thiruchirappalli	1993-1995
04	P.G.D.B.A.,	St.Joseph's College (Autonomous)	Thiruchirappalli	1995-1996
05	B.Ed.,	Bharathidasan University	Thiruchirappalli	1996-1997
06	M.Phil.,	Bharathidasan University	Thiruchirappalli	2004-2006
07	Ph.D	National College (Autonomous) Bharathidasan University.	Thiruchirappalli	2009-2016
08	D.Counseling & Psychotherapy	Anugraha Capuchin institute for Counseling and Psychotherapy	Nochiodaipatti Dindigul	2015-2017
09	D. Acupressure Therapy	National Institute of Indian Reflexology Holistic healing sciences.	Planet Institute NIIRAHHS	2018
10	D. Acupuncture Therapy	Accu Nithi Thavam Research Foundation	Pudukkottai	2022

Working experience

- Worked as a Horticulturist, landscape designer and Production plant unit managerial services in Singapore and Australia under employment pass from 1997 to 2004.
- Worked as a Post graduate teacher and vice Principal in Mount Zion and S.F.S Matriculation Hr. Sec. School, Pudukkottai from 2004-2009.
- Joined as a research scholar in the department of Botany and research institution National College (Autonomous), Bharathidasan University, Tiruchirappalli from 2009-2016.

- Worked as a faculty in Sri Durga Nursing College and an administrative officer in Dr. Muthulakshmi Cancer research centre (NABH) Ponnamaravathy, Pudukkottai from 2016 to 2019.
- Joined as a faculty member in the department of Botany at St. Joseph's College, Tiruchirappalli from June -2019.

PAPERS PUBLICATIONS ON THE JOURNALS

01. G.Pugazharasi, S,A Meenakshi, N.Ramesh kannan, **M.Bastin Churchill** and E.Natarajan (2009) **Screening of antimicrobial activity of *Phyllanthus madaraspatensis* L .** Journal of Basic & Applied Biology 3 (3-4), 43- 49. Issn 0973-8207.
02. **M.Bastinchurchill**, B.Muthukumar, E.Natarajan (2009) **Antimicrobial screening of *Solanum surratense* ” burn .F. A medicinal herb.** Asian Journal of Microbiology and Biotechnology and Environmental Science, 16 (1): 20-22.
03. **M.Bastinchurchill**, B.Muthukumar, E. Natarajan (2010) **Mass propagation of *Spilanthes calva* .L through shoottip explants.** Plant cell Biotechnology and molecular Biology 12 (1-4):83-86
04. T.Sahayaraj, N.Ramesh Kannan, **M.Bastin Churchill**, L.Antoni Label and E. Natarajan (2011) **Antimicrobial properties of *Mukia madaraspatana* L .** Indian journal of Applied and Pure Biology. 26 (1), 1-4.
05. **M. Bastin Churchill**, B. Muthukumar and E. Natarajan (2012) **Masspropagation of *Spilanthes calva* through nodal explants.** International journal of Natural Science. 13 / 14: (0976-0997).
06. **M. Bastin Churchill** and E. Natarajan Masspropagation of *Spilanthes calva* through axillary bud explants. Indian Journal of Forestry 42(3): 228–231.

PARTICIPATED WORKSHOPS, SEMINARS, AND PRESENTED PAPERS

1. Workshop on “ Biodiversity Conservation & Environmental Awareness for School Teachers ” Sponsored by PG & Research Department of botany National College, ,(Autonomous), Tiruchirappalli.**2006/2007.**
2. Workshop on “Climate change and Green house effect on Environment “Sponsored by National Environmental Awareness” Campaign – **2008/09** Ministry of Environment and Forest, Govt. Of India Conducted by PG & Research Department of Botany National College,(Autonomous), Tiruchirappalli.
3. Workshop on “ Current prospectives on Climate Change ”Sponsored by National Environmental Awareness Campaign – **2009/10** Ministry of Environment and Forest, Govt. of India . Conducted by PG & Research Department of Botany National College, (Autonomous) Tiruchirappalli.
4. Presented a paper on the topic of “Phytoremediation technology on effluent from textile industries” In National Level Seminar on “ENVIRONMENTAL BIOREMEDIATION TECHNOLOGIES (NSEBT 2009)” organized by the Department of Environmental Management, Bharathidasan University, Thiruchirappalli District, Tamil Nadu. held on **5th & 6th of November 2009.**
5. ICAR sponsored National level short course on “*In vitro* techniques and application of molecular markers in banana and plantains” at National Research Centre for Banana, Tiruchirapalli, Tamil Nadu. held on 24th August – 2nd September 2009 held **on 24th August – 2nd September 2009.**
6. Presented a paper on the topic of “Antibacterial Potential of *Andrographis paniculata* “ In State Conference on “RESEARCH IN ETHANOMEDICINES”(SCORE – 2010), Sponsored by Indian Council Of Medical Research in Ethnomedicines and organized by TAMILNADU SCIENTIFIC RESEARCH ORGANIZATION. Arimalam, Pudukkottai, District, TamilNadu. held On **28th- 30th of January 2010**
7. National level short course on “Recent Advancements in Structure based Drug Design Methods” (Sponsored by the Department of Biotechnology,

Government of India & Pondicherry University in association with Schrodinger, USA). in Centre of Excellence in Bioinformatics, School of life Science . Pondicherry University, Pondicherry held **on 17th– 19th February 2010**

8. Presented a paper on the topic of “Mass Propagation of *Spilanthes calva* from shoot tip explant.” In an International Conference on “BIOTECHNOLOGY , FOOD AND BIOENGINEERING - EMERGING TRENDS AND FUTURE PROSPECTS”, , at PRTST UNIVERSITY Thanjore , District , Tamil Nadu. held On **25th and 26th February 2010**
9. Participated in the National seminar on “PHYTOTHERAPEUTICS” (NSPT - 2010) Sponsored by DST, New Delhi). Organized by the department of Biochemistry, St. Joseph’s College (Autonomous), Tiruchirappalli Tamil Nadu. on **29th and 30th March 2010**
10. Participated and presented a research paper in the National conference on “ RECENT ADVANCES AND CHALLENGES IN CLINICAL MICROBIOLOGY AND BIOMEDICAL ENGINEERING” Organized by the Department of Gene technology and Microbiology , JJ. College of Arts and Science, Pudukkottai, Tamil Nadu, On **23rd and 24th September, 2010.**
11. Attended the one day workshop on “ENVIRONMENT PROTECTION ” held at National College (Autonomous), Organized jointly by the Public works Department, (WRO-Environment Division, Coimbatore – Government of Tamil Nadu) National College (Autonomous), Tiruchirappalli. Tamil Nadu. on **26th September, 2010**
12. Participated in the Prof. R. Jayaraman Memorial Seminar on “PROSPECTS IN CHEMISTRY” held at the department of Chemistry. National College,(Autonomous), Tiruchirappalli on **March 11th, 2011.**
13. Participated in the National Workshop on “ INTELLECTUAL PROPERTY RIGHTS – OPPORTUNITIES, ISSUES AND CHALLENGES”. Organized by Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu. held **on 11th and 12th August. 2011.**

14. Participated in the Refreshment course on “PHYTODRUGS” Sponsored by Department of Bio Technology and Central Government of India, at Anna University Campus Tiruchirappalli, Tamil Nadu. From **2nd - 17th May 2012**.
15. TEQIP –II Sponsored International conference on Advances in biological,, chemical and physical sciences (ABCP’ 2017) jointly organized by the departments of Plant Biotechnology, Chemistry and Physics, held at Bharathidasan Institute of Technology (BIT) campus, Anna University , Trichirappalli, Tamilnadu, during March **13th – 15th, 2017**.
17. Participated in online International webinar on Plant Omics in Space organized by the department Botany St.joseph’s College Bangalore **05 May 2020**.
18. Participated in the Webinar on Post Covid -19 areer prospects for Rural Management / Development Professionals organized by IIHMR University **on 15.05.2020**.
- 19 Participated in the webinar on Vaccine and Drug development against Covid -19 organized by the department of Biotech- School of Life Science Mizoram (A central University) Aizawl **18- May -2020**.
- 20 Participated in online Quiz Traditional Medicine and Covid -19 organized by the department of JJ.College of Arts and Sciences, Pudukkottai **on 21.05.2020**.
21. Participated in online Awareness Quiz Covid -19 organized by Internal quality Assurance Cell (IQAC) Seethlakshmi Ramaswami college of Arts and sciences (Autonomous) Trichy on **23.05.2020**.
22. Participated in the Webinar Scope for the utilization of Herbal Medicines for human health on Covid -19 like scenario organized by PG and research department of Botany VO.Chidambaram College **on 29.05.2020**.
23. Participated in online State level Microbiology Quiz-2020 organized by the department of Science Internal quality Assurance Cell (IQAC) KK.Wagh Arts and Science and Commerce college Saraswathinagar , Nashik. **May -2020**.
24. Participated in online “Bio Quiz” 2020 organized by the department of Genetics and Zoology Indian Academy, Degree College (Autonomous) Bangalore on **May – June 2020**.

25. Participated in online Quiz on Awareness of Health and Safty measures organized by the department of Hospital administration by Seethlakshmi Ramaswami college of Arts and sciences (Autonomous) **Trichy on JUNE 2020.**
26. Participated in the Indo UK in the virtual conference current innovations and the future of Therapeutic developments CIFTD -2020 Organized by center for biomaterials cellular molecular theranostics (CBCMT) at Vellore institute of technology (VT) India and Swansea University United Kingdom **1-3 June 2020.**
27. Participated in the webinar on Microbes the drivers of Human life organized by the department of Botany St.Joseph's College (Autonomous) Trichy **on 06-06.2020.**
28. Participated in online AARI Quiz on Botany conducted by the department of Botany Annakili Amma Research Institute (AARI) Chennai on **28.06.2020.**
29. Participated in online Science Quiz on Waste Management organized by the department Chemistry Shankarrao Chavan Mahavidyalaya, TQ, Ardhapur district Nanded **28.06.2020.**
30. Participated in the one day webinar "Covid-19 Vs Siddha Medicine organized by the department of Botany, Bharatratna Purachithalaivar Dr.MGR government of Arts and Science College, Palacode, **Kerala on 28.June 2020.**
31. Participated in the three day international webinar series on Unlocking approaches in biological research on jointly organized by the department of Botany and Biotechnology St. joseph's College Trichy during **24-26 july 2020.**
32. Participated in the four day international webinar series on Medicinal plant research and drug discovery organized by the department of Botany St.Joseph's College, (Autonomous) Trichy during **03-06 August 2020.**
33. Participated in online Quizophile 2020 Competition organized by the EGS Pillay group of Institutions Nagapattinam **on August 2020.**
34. Participated in online Awareness Quiz on International day for Biological Diversity 2020 organized by the department Centre for environmental

education, Holy cross College, Nagarkoil, Kanyakumari District, Tamilnadu
August 2020.

35. Participated in online webinar on funds and fellowship for research Organized by research advising committee St. Joseph's College, (Autonomous) Trichy during **16 July 2021.**
- 36 Participated in online two days inter National conference Innovation and relevance in plant science and Plant Biotechnology (ICPSB 2021) PG and research department of Botany, Sri vidya Mandir Arts and Science college, Krishnagri on **15 and 16 March 2021.**
- 37 **A Lecture** was given on online for six days national webinar Lecture series on Biotechnology concepts to practice on the topic of Herbal plants conservation through Biotechnology Techniques organized by **Sathyabama Institute of Science and Technology. Chennai on 10.07.2020.**

Webinar Organized

- 38 Organized a webinar on Current issues emerging over environment and education on forest fire trends in India and its impact on Biodiversity and Current advantages and future features on massive open online courses from St. Joseph's College (Autonomous) Trichy on **28 July 2020.**

Alumni Activities

- 39 Organized an alumni association meet of the department of Botany the alumni meet was conducted in the department premises on - **07 May, 2022:**
- 40 Organized an alumni association meet of the department of Botany the alumni meet was conducted in the department premises with our illustrious alumnus Trichy on **25 February 2023.**
41. As an executive member of the Alumni association of the College the various executive meetings were participated throughout the academic year **24 February 2023**

42. As an executive member of the Alumni association of the College, Participated JOSEPHYTES GLOBAL REUNION -2023 on **Sunday 25.02.2023** at Barbier Hall Jubilee Building, St. Joseph's College.

The Orientation and Training programs

43. The one day orientation programme on Micro- teaching organized by the Internal quality assurance cell of St. Joseph's college (Autonomous, Tiruchirappalli on **14th July 2022**.
44. The two days orientation programme was conducted by the Internal quality assurance cell of St. Joseph's college (Autonomous, Tiruchirappalli on **15th and 16th July 2022** on recent trends in higher education.
45. The faculty induction programme organized by UGC- HRDC **Osmania University, Hyderabad, Telangana** from **06.09.2022 to 04.10.2022** and obtained A⁺ grade.
46. The one day Training programme on soft skills for the faculty members conducted by the Joseph's academy of soft skills (JASS) on **11 th October 2022** at Auxilium provincia, salesian sisters, Manikanadam, Thirichirappalli.
47. One day faculty development program was organized by the department of IQAC St. Joseph's College, Tiruchirappaali Dr. P, Prabahar nair the former English professor of Chennai and Pondicherry University was invited as a resource person to deliver a talk on the topic entitled Maximising learner engagement **11.03.2023 at Toulouse Hall** St. Joseph's College, Tiruchirappaali.

Conducted workshops and Value added courses

48. The one day workshop was conducted on IIMMUNOLOGICAL TECHNIQUES on **12th February 2021**. Mr Savarimuthu Director of Mother Terasa Bio medical training and research institute Trichy was invited as a resource person. The 3rd UG and 2nd PG students were participated.
49. As an organizing secretary the one day workshop was conducted on IIMMUNOLOGICAL TECHNIQUES **31st January 2023**. Mr Savarimuthu Director of Mother Terasa Bio medical training and research institute Trichy

was invited as a resource person. The third year under graduate and second year post graduate students were Participated.

- 50 The Value added course (30 hours) was conducted from **9 December 2019**. The hands on training programs like Grafting techniques and many other horticultural techniques were taught and the valedictory function was held on **21.12.2019**. The third year under graduate students were Participated and benefited.
- 51 The Value added course (30 hours) was conducted from **04.02.2019**. The hands on training programs like Grafting techniques and many other horticultural techniques were taught and the valedictory function was held on **23rd of March 2019**. The PG students were Participated and learned the techniques.
- 52 The Value added course (30 hours) was conducted from **08.03.2021**. The hands on training programs like Grafting techniques and many other horticultural techniques were taught and the valedictory function was held on **23rd of March 2021**. The PG students of Biotechnology and Microbiology students were participated and learned the techniques.
- 53 The Value added course (30 hours) was conducted from **21.03.2022**. The hands on training programs like Grafting techniques and many other horticultural techniques were taught and the valedictory function was held on **6th April 2022**. The third year Botany students were participated and learned the techniques.
- 54 The Value added course (30 hours) was conducted from **01.03.2023**. The hands on training programs like Grafting techniques and many other horticultural techniques were taught and the valedictory function was held on **14.03.2023**. The PG and UG students of Botany students were participated and learned the techniques.
- 55 Invited as a Internship **Viva – Voce examiner on 07.11.2022** from the department of Botany at Holy cross College (Autonomous) , Tiruchirappalli

56 Invited as a **Resource person** for common mentoring for Ist UG students session to deliver a talk on Goal Setting on **March 7th 2023** at Community Centre, St. Joseph's College, Tiruchirappalli.

Club Activities

57 As a coordinator of the Environmental club the various interdepartmental competitions were conducted and all the disciplinary undergraduate students were actively participated. The valedictory function was held on **22.02.2023** at AV hall. Dr. K.S. Arulsamy, the former Head of the department of Chemistry was invited to deliver his lecture on Our Endangered Environment topic. The prizes and certificates were given by the chief guest.