



Dr. M. JOTHI BASU

Associate Professor in Botany (Academic Level 13 A)

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph. D.,	Madurai Kamaraj University	2008	Botany	
M. Sc.,	Madurai Kamaraj University	1997	Botany	I
B. Sc.,	Madurai Kamaraj University	1994	Botany	I

Teaching Experience

Total Teaching Experience : 16 Years

Position	Institution	Duration
Associate Professor in Botany (CDOE) Academic Level 13A	Alagappa University	2021 – Till Date

Assistant Professor in Botany (CDOE) Academic Level 12	Alagappa University	2018 – 2021 (3 Years)
Assistant Professor in Botany (CDOE) Academic Level 11	Alagappa University	2013 – 2018 (5 Years)
Assistant Professor in Botany (CDOE) Academic Level 10	Alagappa University	2009 – 2013 (4 Years)
Lecturer in Biotechnology	JJ College of Arts and Science, Pudukottai	2008 – 2009 (8 Months)

Research Experience

Total Research Experience : 15 years

Position	Institution / University	Duration
Associate Professor in Botany	Alagappa University, Karaikudi	2009- Till Date

Academic and Additional Responsibilities

Sl.No.	Position	University Bodies	Period	
			From	To
1.	Controller of Examinations	Alagappa University	2023	Till Date
2.	Director	Alagappa University Community Radio Station	2022	2024
3.	Head i./c.,	Department of Theatre and Film Studies, Alagappa University	2020	2024
4.	Coordinator	Alagappa University Cultural Club	2018	2023
5.	Coordinator	Alagappa University Cultural Club	2013	2017

Areas of Research

- Plant – Microbe interactions
- Plant Taxonomy
- Environmental Ecology
- Biopolymer Analytics

ResearchSupervision/Guidance

ProgramofStudy		Completed	Ongoing
Research	PDF	1	-
	Ph.D	1	3
	M.Phil	2	-
Project	PG	3	-
	UG/ Others	-	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
48	18	3	38	11

Cumulative Impact Factor(as per JCR) : 102.92

h-index : 9

i10 index : 9

TotalCitations : 590

Funded Research Projects

Ongoing Projects:

Sl.No.	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
-	-	-	-	-	-

Completed Projects:

Sl.No.	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1.	AURF	2009	2011	Studies on Fucoidans of Brown Algae from Palk Strait and Gulf of Mannar	0.64
2.	DST-SERB	2016	2019	Studies on the role of anthropogenic cues in the foraging shift of honey bees and its impact on plant pollination at various ecosystems of Tamil Nadu. (Mentor)	33.49
3.	TBRP, RUSA 2.0, MHRD, GoI.	2019	2021	Alternative and Renewable Energy from the Agro wastes for Human Welfare.	7.00
4.	TBRP, RUSA 2.0, MHRD, GoI.	2022	2023	Alternative and Renewable Energy from the Agro wastes for Human Welfare	3.44

Distinctive Achievements / Awards

Guardian of Tamil Folk and Folk Artists, Loyola Student Support Services, Loyola College, Chennai and Alternate Media Centre, Chennai.

Sivagangai District Collector's Republic Day Award for Best Service as Head, Department of Theatre and Film Studies, Alagappa University, Karaikudi.

Events organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized: 19

Position	Programme	Duration	Institution
Coordinator	Alagappa University Talent Exhibit Show-2013 (ALUTES-2013)	16 -21, Sep. 2013	Alagappa University
Coordinator	Workshop on Street Theatre and Folk Media	13 – 15, Feb. 2014	Alagappa University
Coordinator	Alagappa University Inter-Collegiate Talent Exhibit Show (AlaguAram- 2014)	20 – 22, Feb. 2014	Alagappa University
Coordinator	Chettinad Heritage Cultural Programmes Recordings for DoordharshanPothigai Channel	26, March 2014	Alagappa University
Coordinator	Alagappa University Talent Exhibit Show-2014 (ALUTES-2014)	6 – 11, Oct. 2014	Alagappa University
Coordinator	Junior Vikatan Magazine's "Thamizh ManneVanakkam"	27, Feb. 2015	Alagappa University
Coordinator	Inter-CollegiateTalent Exhibit Show-2015(AlaguAaram-2015)	19 – 21, March 2015	Alagappa University
Coordinator	Group Level competition of 12th National Youth Parliament Competitions	13, April 2015	Alagappa University
Coordinator	Alagappa University	6 – 10, Oct. 2015	Alagappa University

	Talent Exhibit Show-2015 (ALUTES- 2015)		
Coordinator	Alagappa University Inter-Collegiate Talent Exhibit Show-2016(AlaguAaram-2016)	18 – 19, March 2016	Alagappa University
Coordinator	UGC Sponsored Three Days Skill Development Programme for Students:Empowering Skills on Folk Media	2017	Alagappa University
Member, Advisory Committee	Alagappa University Inter-University Cultural Festival –2017 VASANTHAM 2017	2017	Alagappa University
Co-organizing Secretary	One Week Workshop on “Research Methodology”	2017	Alagappa University
Organizing Secretary	South Zone Inter-University Folk Festival – Urumi 2018	2018	Alagappa University
Coordinator	Alagappa University Talent Exhibit Show – ALUTES 2018	2018	Alagappa University
Coordinator	Alagappa University Inter-colligate Talent Exhibit Show – ALAGUAARAM 2019	2019	Alagappa University
Organizing Secretary	RUSA 2.0 Sponsored Two Days International Conference on Innovative and Emerging Trends in Botany – 2019	2019	Alagappa University
Organizing	Alagappa University	2019	Alagappa University

Secretary	Talent Exhibit Show – ALUTES 2019		
Organizing Secretary	AIU 35th Inter-University South Zone Youth Festival – 2019	2019	Alagappa University

Events Participated

Number of Conferences/Seminars/Workshops: 56

1. SPARC sponsored International Online Short-Term Course on Recent Applications of Polymers organized by Department of Microbiology, Alagappa University, Karaikudi, 3-5, May, 2021.
2. Webinar on Science Skilling organized by Chennai Science Colloquium, Chennai, 20th February, 2021.
3. National Webinar on National Education Policy 2020 Empowering Student organized by Centre for Consumer Studies, Indian Institute of Public Administration, New Delhi, 28th January, 2021.
4. 7 Day Webinar on Life of Cinema and Cinema for Life, organized by Department of Theatre and Film Studies, Alagappa University, Karaikudi, 25-31, August, 2020.
5. UGC STRIDE Component I sponsored Two-Week Online Capacity Building Programme for Faculty Members and Research Scholars organized by Alagappa University, Karaikudi 16-23, June, 2020.
6. Recent Approaches and Human Genes Against COVID 19. Webinar organized by DDE Zoology Wing & Department of Animal Health and Management, Alagappa University, Karaikudi. 11th June, 2020
7. Participated in SPARC and RUSA Phase 2.0 Sponsored International Conference on Recent Trends in Bio plastics (RTB - 2019) Organized by Department of Microbiology, Alagappa University, Karaikudi on 9th & 10th December 2019.
8. Participated in RUSA 2.0 Sponsored International Conference on Innovative and Emerging Trends in Botany–2019 (ICIETB-2019) Organized by Department of Botany, Alagappa University, Karaikudi on 6th & 7th, November 2019.
9. Participated in RUSA 2.0 & INSA sponsored 3rd International Conference on Recent Trends in Microbiology (RTM-2019) Organized by Department of Microbiology,

Alagappa University, Karaikudi on 24 & 25, January 2019.

10. Participated in CIL, Mysore sponsored National Seminar on Humanism in Indian Literature (HIIL-2018), organized by Department of Education, Directorate of Distance Education, Alagappa University, Karaikudi on 18th & 19th November, 2018.
11. Participated in ICSSR sponsored National Seminar on Quality Education for the Students Belonging to the Marginalized Sectors in India (QESBMS-2018), organized by Department of Education, Directorate of Distance Education, Alagappa University, Karaikudi on 15th & 16th March, 2018.
12. Participated in Second International Conference on Recent Trends in Microbiology- RTM- 2018, organized by Department of Microbiology, Alagappa University, Karaikudi on 11th & 12th January, 2018.
13. Participated in Sixth National Conference on Emerging Trends and New Challenges in Biotechnology-Advances in Biomaterials and Applications (NCETNCB-2018) organized by P. G. and Research Centre in Biotechnology, MGR College, Hosur on 31st January & 1st February, 2018.
14. Participated in The Science Academies 'Lecture Workshop on Recent Trends in Microbiology and Biotechnology (RTIMB- 2018) organized P.G. and Research Centre in Microbiology, MGR College, Hosur on 30th and 31st January, 2018.
15. Participated, chaired a session in Second International Conference on Recent Trends in Microbiology, RTM 2018 organized by Department of Microbiology, Alagappa University, Karaikudi on 11th and 12th January, 2018.
16. Participated in Tamil Nadu History Congress Twenty Fourth Session- 2017, organized by Department of History, Alagappa University, Karaikudi on 6th-8th October, 2017.
17. Participated in UGC sponsored National Conference on Trends in Microbiology- 2017 (NCTM 2017), organized by Department of Microbiology, Alagappa University, Karaikudi on 27th September, 2017.
18. Participated in International Conference on Frontier Areas in Chemical Technologies- 2017 (FACTs 2017), organized by Department of Industrial Chemistry, Alagappa University, Karaikudi on 6th - 8th July, 2017.
19. Participated and acted as Rapporteur in UGC sponsored National Conference on Human Rights Education, organized by Department of History, Alagappa University, Karaikudi on 14th & 15th March, 2017.

20. Participated in International Conference on Mathematical Modeling and Computational Methods in Science and Engineering (ICMMCMSE-2017), organized by Ramanujan Centre for Higher Mathematics and Department of Mathematics, Alagappa University, Karaikudi on 20th -22nd February, 2017.
21. Participated in National Conference on Emerging Strategies in Green Textiles and Sustainable Fashion (NCESGTSF 2017), organized by Alagappa Institute of Skill Development, Alagappa University, Karaikudi on 10th & 11th January, 2017.
22. Participated in National Workshop on Gas Chromatography organized by Department of Microbiology, Alagappa University, Karaikudi on 15th December, 2016.
23. Participated and chaired a session in: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
24. Jothi Basu, M. 2016. Participated at National Conference on Swami Vivekanandar: A Youth Icon (SVYI- 2016), organized by Swami Vivekananda Centre for Higher Research and Education, Alagappa University, Karaikudi on 24th October, 2016.
25. Jothi Basu, M. 2016. Participated and chaired a session entitled "Traditional Education in India" at National Seminar sponsored by Indian Council of Historical Research on Educational Practices in Chola Kingdom (850-1279 AD) EPICK- 2016, organized by Dept. of History and Directorate of Distance Education, Alagappa University on 6th and 7th October, 2016.
26. Participated In International Workshop on Molecular Physiology, Therapeutics and Experimental Medicine (MPTEM-2016) organized by Department of Animal Health and Management, Alagappa University, Karaikudi on 6th and 7th September, 2016.
27. Jothi Basu, M. 2016 Participated and presented two papers entitled "Investigation of the potential bio active compound from *Luffa acutangula* against transcription factor of nuclear factor Kappa B (NF-KB)" and "Exploring antibacterial drug from AgNPs of *Pedalium murex*-Medicinal plant extract" at International Conference on Recent Advances in Modern Medicine Molecular Signalling Scenarios in Tissues and Diseases, organized by R & D wing, Sree Balaji Medical College and Hospital, Bharath University (BIHER), Chromepet, Chennai on 3rd and 4th September, 2016.
28. Jothi Basu, M. 2015. Participated and chaired a session. In ICSSR sponsored Two-day National Conference on Impact of Electronic Resources on Teaching, Learning and

Research:Issues and Opportunities organized by Central Library & Directorate of Distance Education, Alagappa University, Karaikudi on 24th and 25th April, 2015.

29. Jothi Basu, M. 2015. Participated in One day International seminar on Recent Trends & Future Prospects of Biological Sciences organized by Aringar Anna College (Arts & Science), Krishnagiri on 17th April, 2015.
30. Jothi Basu, M. 2015. Participated and chaired a session. In DST-SERB sponsored 3rd national Conference on Emerging Trends and New Challenges in Biotechnology – An Environmental Approach (NCETNCB-2015) held at P.G. and Research Centre in Biotechnology, M.G.R. College, Hosur, Tamilnadu on 23rd and 24th February, 2015.
31. Participated in one day Workshop on Metrohm Auto lab Electrochemical Instruments for Biosensor Energy and Corrosion Applications organized by Department of Bioelectronics and Bio sensor, Alagappa University, Karaikudi on 16th February, 2015.
32. Participated in Microsoft sponsored SAKSHAM: IT Champion Training Program conducted by The Computer Centre, Alagappa University, Karaikudi on 19th to 25th January, 2015.
33. Sudha, P. Srinivasan and M. JothiBasu. 2014. Inhibition of Ebola virus proteins by phytochemical compounds: A computational analysis, In International Conference on Physiology and Medicine (ICPM) – 2014 held at Department of Zoology, Periyar University, Salem, Tamilnadu on 15th to 17th October, 2014.
34. Jothi Basu, M. Rajendra. K and Balasundaram. M. 2011. Medicinal plant utilization by ethnic group- Paliyar of Attuparai settlement in Theni District of Tamil Nadu, India. In International Conference on Traditional Medicine 2011 (CONTRAMED-2011) held at Pulau Pinang, Malaysia organized by Universities in Malaysia, Malaysia on 29th and 30th November, 2011.
35. Presented a paper entitled “*In silico* screening of medicinal plants for the inhibition of virulent protein, HapR of *Vibrio cholerae* using molecular docking simulation” at International Training in Global Infectious Diseases (GID), US-India Joint Training Program Workshop on Advanced Technologies and Research Proposal Development held at Jawaharlal Nehru University, New Delhi, India. January 30th to February 5th, 2011.
36. Rajendran, K. and . 2010. Common and cultivated oil yielding plants of Western Ghats of southern parts of Tamilnadu. In IUCN, Department of Biotechnology, Ministry of

Earth Science, and UGC-UPE sponsored National Conference on Bio diversity for Sustainable Development : Threats, Indicators, Climate Change, Poverty Alleviation and Targets for Safeguarding Biodiversity held at Madurai Kamaraj University, Madurai on 25th to 27th August, 2010.

37. Jothi Basu, M. and Santahanakarhikeyan. S. 2010. ICTs a boon for distance learning system. In National Conference on Expansion of Distance Education-Experiences and Expectations held at Alagappa University, Karaikudi on 7th and 8th July, 2010.
38. Participated in National Seminar on Evolving Strategies for Employability of Students in Higher Education held at Alagappa University, Karaikudi on 23rd and 24th April, 2010.
39. Workshop on Constructivism Based Learning Approach conducted by Directorate of Distance Education, Alagappa University, Karaikudi. March 19th, 2010.
40. Workshop on Modern Biology and Development of Research Programme for College/University Teachers held at School of Life Science, Jawaharlal Nehru University, New Delhi on 14th to 16th, December 2009.
41. Jothi Basu, M. and Kannapiran, E. 2009. Global Dimming. In UGC sponsored National Seminar on Promoting environmental values among the teacher trainees at secondary level held at Alagappa University, on 22nd and 23rd October, 2009.
42. Jothi Basu, M. Participated in One day Seminar on Ahimsa and animal alternatives-The implication and benefits of teaching humane science held at Bharathidasan University, Thiruchirappalli on 2nd October, 2009.
43. Kannapiran, E. and . 2009. "KadalPasukkal". In Ninth Conference of Tamil Science Congress held at Alagappa University, on 11th to 13th of September, 2009.
44. Workshop for Lesson Writers on Distance Education Programmes conducted by Directorate of Distance Education, Alagappa University, Karaikudi. March 11th and 12th June, 2009.
45. Participated in National Seminar on Application of Genomics and Bioinformatics in Animal Health and Management held at Alagappa University, on 25 and 26th March 2009.
46. Participated in National Seminar on Current Trends and Future Prospects of Nano Marine Sciences at Alagappa University, on 23 and 24th March, 2009.
47. Participated in National Seminar on Recent Trends in Molecular Modeling and Drug Design at Alagappa University, Karaikudi on 18-03-2009 and 19-03-2009.

48. Yogananth. N., Chanthuru, A. and Baburaj, S. 2009. Anti-inflammatory activity and Tissue culture studies on *Antrographispaniculata* (Burm. F.) Wallich Ex. Nees., a medicinal plant. In: International Colloquium on Emerging Biotechnologies in Agriculture, Animal health and Productivity (ICEB'09) held at Alagappa University, Karaikudi. Feb.22-26, 2009.
49. Jothi Basu, M., and Yogananth. N. 2009. Micropropagation and induction of hairy root cultures of *Plumbagorosea*L. In: National Conference on Modern Trends in Plant in vitro Biology held at Bharathidasan University, Thiruchirappalli .Jan.5 & 6, 2009.
50. Jothi Basu, M and Santhaguru, K. 2008. Impact of fluorescent *Pseudomonas* and *Glomus fasciculatum* on *Vignaradiata* (L.) Wilczek challenged with phytopathogens. In: National Symposium on new concepts in biotechnology (Origene-2008) held at Kalasalingam University, Anand Nagar, Krishnankoil. Feb.11-12, 2008.
51. Jothi Basu, M. and Santhaguru, K. 2006. Induction of pathogenesis related proteins in fluorescent *Pseudomonas* treated *Vignaradiata* in response to infection by *Fusariumoxysporum* and *Rhizoctoniasolani*. In: DBT sponsored National Symposium on Frontier Areas in Plant Biotechnology held at Lady Doak College, Madurai.Jan.20-21,2006.
52. Jothi Basu, M. and Santhaguru.K .2005. Impact of dualinoculation of fluorescent *Pseudomonas* VuPf1 and *Glomus fasciculatum* on *Vignaradiata*(L.) Wilczek. In: UGC sponsored National seminar on Present Scenario in Plant Science Research, held at Annamalai University, Annamalai Nagar. Feb.19-20, 2005.
53. Chandrasekaran,S., Bharathi,R., JothiBasu,M., and Kamalakannan,B. 2005. Allelopathic effect of *Prosopisjuliflora* leaf extract on the growth and development of some medicinal plants and microbes. In: DBT and CSIR sponsored National symposium on microbial and Plant Biotechnology, held at Loyola College, Chennai. Feb. 17-19,2005.
54. International workshop on Bioinformatics sponsored by AICTE, India conducted by Karpagam Arts and Science College, Coimbatore. March 18-20, 2004.
55. DST sponsored contact program and workshop on Protoplast fusion technology for strain improvement in filamentous fungi held at Centre for Advanced Studies in Botany, University of Madras, Chennai. December16-21,2002.
56. Jothi Basu, M. and Santhaguru,K. 2001. Evaluation of plant growth promoting fluorescent *pseudomonads* and its antagonistic potential. In: International Conference on New Horizons in Biotechnology- 2001 held at Regional Research Laboratory, CSIR,

Trivadrum. April18-21, 2001.

OverseasExposure/Visits

- International Conference on Traditional Medicine 2011, 29& 30 November 2011 Universiti Sains Malaysia, Malaysia.

Membership

ProfessionalBodies

1. Life Member: Indian Science Congress Association

Advisory Board

Name of the BoS/Administrative Committee / Academic Committee	Role
Board of Studies for Botany courses, Alagappa University.	Member
Board of Studies for Zoology, DDE, Alagappa University.	Special Invitee
Board of Studies, B. Sc., Botany, Alagappa University Affiliated Colleges	Member
Board of Valuation, M. Sc., and M. Phil. Botany, Directorate of Distance Education, Alagappa University.	Chairman
Question Paper Setting Board, M.Sc., Botany, Directorate of Distance Education, Alagappa University.	Chairman
Board of Valuation, M. Sc., Microbiology, Alagappa University Affiliated Colleges	Member
University Representative, Distance Education Examinations, Alagappa University	U.R.
Inspection Squad, Examinations of Alagappa University affiliated Colleges	Member
Question Paper Setting Board, Microbiology and Biochemistry Alagappa University Collaborative programme	Member
Board of Valuation, Microbiology and Biochemistry Alagappa University Collaborative programme	Member

Academic Bodies in Other Institutes/Universities

Name of the BoS/ Administrative Committee / Academic Committee	Role
Board of Studies, B. Sc., Botany & Ancillary Botany Courses, V.V.V. College for Women (Autonomous), Virudhunagar	Member
Board of Valuation, M. Phil. Botany, Thiagarajar College (Autonomous), Madurai-9	Member
B. Ed., and M. Ed., Examinations, Tamil Nadu Teacher Education University	U.O.

Ph.D. Thesis Guided

- No. of Ph. D. scholars on roll : 4
- No. of Ph. D. Public Viva Voce Examination : 1
conducted

Sl.No.	Name of the Scholar	Title of the Thesis	Year of Completion
1	Mr. B. VIGNESH KUMAR	Studies on Microbial Production of Lignocellulosic Lactic Acid Using Cheap Agricultural Resources	2024

List of Research Articles / Recent Publications

Sl. No.	Authors/Titleofthepaper/Journal	Impact Factor
1.	Kumar, J. K. J. P., Basu, M. J. , Kumar, B. V., Muthumari, B., Kavitha, M., Saravanan, S., Dhasan, N. K., Sudhakar, M., Sethupathi, M., Khumalo, M. V., & Kumar, S. P. (2024). The Production and Characterization of Alginate from <i>Sargassum wightii</i> Greville ex J. Agardh.: Exploring Diverse Acid Treatments and Analytical Techniques. <i>Process Safety and Environmental Protection</i> . https://doi.org/10.1016/j.psep.2024.03.025	7.8
2.	Raju, C. V., Ramya, R., Imran, K., Basha, C. K., Wilson, J., Boobalan, T., Arun, A., Basu, M. J. , & Saravanan, S. (2024). Simultaneous electrochemical detection of dopamine and uric acid based on tri-composite of poly-pyrrole and α -Fe ₂ O ₃ embedded MoS ₂ sheets modified electrode. <i>Microchemical Journal</i> , 198, 110189. https://doi.org/10.1016/j.microc.2024.110189	4.8
3.	Vignesh Kumar, B., Jothi Basu, M. , Chen, Y.-P., & Chou, J.-Y. (2024). Recent trends in lactic acid-producing microorganisms through microbial fermentation for the synthesis of polylactic acid. <i>Archives of Microbiology</i> , 206(1), 31. https://doi.org/10.1007/s00203-023-03745-z	2.8
4.	Vignesh Kumar, B., Balakrishnan, M., Murugan, K., John Kennedy, J. P. K., Chou, J.-Y., & Jothi Basu, M. (2023). Synthesis and characterization of lactide from <i>Bacillus amyloliquefaciens</i> brewed lactic acid utilizing cheap agricultural sources. <i>3 Biotech</i> , 14(1), 13. https://doi.org/10.1007/s13205-023-03855-x	2.8
5.	Vignesh Kumar, B., Muthumari, B., Kavitha, M., John Praveen Kumar, J. K., & Jothi Basu, M. (2023). Unraveling the role of intra-cellular metabolites in the lactic acid production by novel <i>Bacillus amyloliquefaciens</i> using sugarcane molasses as a substratum. <i>Molecular Omics</i> , 20(1), 19–26. https://doi.org/10.1039/D3MO00141E	2.9
6.	Muthumari, B., Kumar, B. V., Kavitha, M., Kumar, J. K. J. P., Arumugam, N., & Basu, M. J. (2023). Optimization of sodium alginate-galactoxyloglucan blended hydrogel beads through ionotropic gelation method. <i>International Journal of Biological Macromolecules</i> , 242, 124630. https://doi.org/10.1016/j.ijbiomac.2023.124630	8.02
7.	Vignesh Kumar, B., Muthumari, B., Kavitha, M., John Praveen Kumar, J. K., & Jothi Basu, M. (2022). Unraveling the role of intra-cellular metabolites in the lactic acid production by novel <i>Bacillus amyloliquefaciens</i> using sugarcane molasses as a substratum. <i>Molecular Omics</i> , 20(1), 19–26. https://doi.org/10.1039/D3MO00141E	3.2
8.	Kottaimuthu, R., and Jothi Basu M. , 2021. A new replacement name for <i>Eriobotrya integrifolia</i> Aver. (Rosaceae). <i>Kew Bulletin</i> . DOI: 10.1007/S12225-021-09975-Y	0.9
9.	Kottaimuthu, R., and Jothi Basu M. , 2021. <i>Meinillamadagascariensis</i> , a replacement name for <i>Medinilla albiflora</i> H. Perrier (melastomataceae) and its lectotypification. <i>Phytotaxa</i> 518 (1): 077-078. DOI: https://doi.org/10.11646/phytotaxa.518.1.10	1.0

10.	Arumugam N., Boobalan T., Pugazhendhi A., Arun, A., Jothi Basu. M , and Suganya Devi, T., and Kavitha, T. 2021. Particle size influence on the composition of sugars in corncob hemicelluloses hydrolysate for xylose fermentation by <i>Meyerozymacaribbica</i> . <i>Bioresource Technology</i> 340 -125677 DOI: https://doi.org/10.1016/j.biortech.2021.12567	9.6
11.	Kottaimuthu, R., Vimala M., Rajendran K., and Jothi Basu M. , 2021. <i>Senecio sennikovii</i> , a new replacement name for Mexican endemic <i>Senecio bracteatus</i> Klatt (Asteraceae: Senecioneae). <i>Phytotaxa</i> 511 (1) : 077-078. DOI: https://doi.org/10.11646/phytotaxa.511.1.7	1.0
12.	Saravanan. S, Kamala Dhasan, N, Sudha A., Chandrasekaran S., Boobalan T., Sathees Murugan R., Arun A., and Jothi Basu. M. 2021. Studies on the influence of natural resource utilization by humans on foraging behavior of honey bees at rural ecosystems. <i>Environmental Science and Pollution Research</i> 28(26) :33942-33956 DOI: 10.1007/s11356-021-13192-2	3.0
13.	Kottaimuthu, R., Murugan P. John Praveen Kumar J., and Jothi Basu M. , 2021. <i>Impatiens ramasubbuana</i> , a new name for <i>Impatiens palniensis</i> Ramasubbu (Balsaminaceae). <i>Phytotaxa</i> 500 (1) : 052-054. DOI: https://doi.org/10.11646/phytotaxa.500.1.8	1.0
14.	Saravanan. S, Kamala Dhasan, N, Arumugam N., Boobalan T., Maruthupandian, J., Jothi Basu. M , Arun A. and Muthuchelian, K. 2021. In situ conservation of endangered tree species (<i>Elaeocarpus venustus</i> Bedd.) habituated in Agasthiyamalai Biosphere Reserve, Southern Western Ghats, India. <i>Environmental Science and Pollution Research</i> 28(26) :33958-33966 DOI: 10.1007/s11356-021-13227-8	3.0
15.	Nagalakshmi M., Jeganathan C., Anandha Raj J., Nithya A. , Jothi Basu M. and Karuppuchamy S. 2021. Biosynthesized TiO ₂ nanoparticles an efficient biogenic material for photocatalytic and antibacterial applications. <i>Energy & Environment</i> 0(0) : 1–22. DOI: 10.1177/0958305X211000261	1.7

16.	Kottaimuthu, R., Sathiyadash, K., Karthikeyan, V., & Jothi Basu M. .2020. <i>Tropidiathwaitesii</i> Hook.f.(Orchidaceae: Tropidieae): A Little Known Orchid from Eastern Ghats, India. <i>Indian Journal of Forestry</i> 43 (2): 133-135.	
17.	Saravanan. S, Kamala Dhasan, N, Maruthupandian, J., Jothi Basu. M , and Chandrasekaran, S. 2020. Beehive removal practices in urban India: Bane of bee's life? <i>Materials Today: Proceedings</i> DOI: 10.1016/j.matpr.2020.10.060	3.3
18.	Kottaimuthu, R., Jothi Basu M. , Sathiyadash, K., & Karthikeyan, V., N.2020. <i>Cissus lombardiana</i> new name for <i>Cissus ulmifolia</i> (Vitaceae). <i>Phytotaxa</i> 477 (1): 097-098. DOI: 10.11646/phytotaxa.477.1.8	1.0
19.	Kottaimuthu, R., Selvakumar, S., Kalidass, C., and Jothi Basu, M. 2020. <i>Lygodium flexuosum</i> (L.) Sw. (Lygodiaceae): A new record for Eastern Ghats of Tamil Nadu, India. <i>Plant Science Research</i> 42 (1&2): 68–70. http://plantscienceresearch.co.in/admin/uploads/SubArt_2082214390.pdf	
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Resource persons in various capacities

National Conferences	:	4
International Conferences	:	5
Invited Lectures	:	10

Date : 15.03.2024

Place : Karaikudi

(Signature)

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