



Dr. M. Jothi Basu
Assistant Professor in Botany

Contact

Address : Directorate of Distance Education
Alagappa University
Karaikudi – 630 003
Tamil Nadu, INDIA

Employee Number : 51512

Date of Birth : 29-05-1977

Contact Phone (Office) : +91 4565 223401

Contact Phone (Mobile) : +91 9003427564

Contact e-mail(s) : jothibas77@gmail.com

Skype id : jothibas77

Academic Qualifications: M.Sc., Ph. D.,

Teaching Experience: 09 Years

Research Experience: 09 Years

Additional Responsibilities

1. Coordinator, Cultural Club (2013- 2016)
2. Coordinator, 12th National Youth Parliament Competitions (2015)
3. Programme Coordinator, M. Sc., Botany, DDE

Areas of Research

Plant- Microbe Interactions

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	1
	M.Phil.	2	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
4	15	9	9	-

Cumulative Impact Factor (as per JCR) :	3.618
h-index	4
i10 index	3
Total Citations	81

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: **10**

1. Coordinator, Alagappa University Talent Exhibit Show- 2013 (ALUTES-2013) on 16-21 Sep. 2013
2. Coordinator, Workshop on Street Theatre and Folk Media on 13-15 Feb. 2014
3. Coordinator, Alagappa University Inter-Collegiate Talent Exhibit Show- 2014 (Alagu Aaram- 2014) on 20-22, Feb. 2014.
4. Coordinator, Chettinad Heritage Cultural Programmes Recordings for Doordharshan Pothigai Channel on 26 March 2014
5. Coordinator, Alagappa University Talent Exhibit Show- 2014 (ALUTES- 2014) on 06-11 Oct. 2014
6. Coordinator, Alagappa University- Junior Vikatan Magazine's "Thamizh Manne Vanakkam" on 27 Feb. 2015
7. Coordinator, Alagappa University Inter-Collegiate Talent Exhibit Show- 2015 (Alagu Aaram- 2015) on 19-21 March 2015

8. Coordinator, Group Level competition of 12th National Youth Parliament Competitions on 13 April 2015
9. Coordinator, Alagappa University Talent Exhibit Show- 2015 (ALUTES- 2015) on 06-10 Oct. 2015
10. Coordinator, Alagappa University Inter-Collegiate Talent Exhibit Show- 2016 (Alagu Aaram- 2016) on 18&19 march 2016.

Events Participated

Conferences / Seminars / Workshops: 35

1. Participated in National Workshop on Gas Chromatography organized by Department of Microbiology, Alagappa University, Karaikudi on 15th December, 2016.
2. 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.
3. 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.
4. 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.
5. 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.
6. Jothi Basu, M. 2016. Participated and presented two papers entitled “ Investigation of the potential bioactive 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.

7. 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.
8. 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.
9. 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.
10. Participated in one day Workshop on *Metrohm* Autolab Electrochemical Instruments for Biosensor Energy and Corrosion Applications organized by Department of Bioelectronics and Biosensor, Alagappa University, Karaikudi on 16th February, 2015.
11. Participated in Microsoft sponsored *SAKSHAM*: IT Champion Training Program conducted by The Computer Centre, Alagappa University, Karaikudi on 19th to 25th January, 2015.
12. A. Sudha, P. Srinivasan. and M. Jothi Basu. 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.
13. Jothi Basu, M, Rajendran, 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 Universiti Sains Malaysia, Malaysia on 29th and 30th November, 2011.
14. Presented a paper entitled “*In silico* screening of medicinal plants for the inhibition of virulent protein, Hap R 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.

15. Rajendran, K. and Jothi Basu, M. 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 Biodiversity 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.
16. Jothi Basu, M. and Santahanakarthykeyan, 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.
17. Jothi Basu, M. 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.
18. Workshop on Constructivism Based Learning Approach conducted by Directorate of Distance Education, Alagappa University, Karaikudi. March 19th, 2010.
19. 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.
20. 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.
21. 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.
22. Kannapiran, E. and Jothi Basu, M. 2009. "*Kadal Pasukkal*". In Ninth Conference of Tamil Science Congress held at Alagappa University, on 11th to 13th of September, 2009.
23. Workshop for Lesson Writers on Distance Education Programmes conducted by Directorate of Distance Education, Alagappa University, Karaikudi. March 11th and 12th June, 2009.
24. Jothi Basu, M. 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.

25. Jothi Basu, M. Participated in National Seminar on Current Trends and Future Prospects of Nano Marine Sciences at Alagappa University, on 23 and 24th March 2009.
26. Jothi Basu, M. 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.
27. Jothi Basu, M., Yogananth. N., Chanthuru, A. and Baburaj, S. 2009. Anti-inflammatory activity and Tissue culture studies on *Antrographis paniculata* (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.
28. Jothi Basu, M., and Yogananth. N. 2009. Micropropagation and induction of hairy root cultures of *Plumbago rosea* L. In: National Conference on Modern Trends in Plant in vitro Biology held at Bharathidasan University, Thiruchirappalli. Jan. 5 & 6, 2009.
29. Jothi Basu, M. and Santhaguru, K. 2008. Impact of fluorescent *Pseudomonas* and *Glomus fasciculatum* on *Vigna radiata* (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.
30. Jothi Basu, M. and Santhaguru, K. 2006. Induction of pathogenesis related proteins in fluorescent *Pseudomonas* treated *Vigna radiata* in response to infection by *Fusarium oxysporum* and *Rhizoctonia solani*. In: DBT sponsored National Symposium on Frontier Areas in Plant Biotechnology held at Lady Doak College, Madurai. Jan. 20-21, 2006.
31. Jothi Basu, M. and Santhaguru, K. 2005. Impact of dual inoculation of fluorescent *Pseudomonas* VuPf1 and *Glomus fasciculatum* on *Vigna radiata* (L.) Wilczek. In: UGC sponsored National seminar on Present Scenario in Plant Science Research, held at Annamalai University, Annamalai Nagar. Feb. 19-20, 2005.
32. Chandrasekaran, S., Bharathi, R., Jothi Basu, M., and Kamalakannan, B. 2005. Allelopathic effect of *Prosopis juliflora* 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.

33. International workshop on Bioinformatics sponsored by AICTE, India conducted by Karpagam Arts and Science College, Coimbatore. March 18-20, 2004.
34. 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. December 16-21, 2002.
35. 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, Trivadrur. April 18-21, 2001.

Other Training Programs

1. Participated in DBT sponsored Short-Term Training Course on Application of Biotechnological Tools in Crop Improvement conducted by Department of Plant Biology and Biotechnology, Loyola College, Chennai on 10th July, 2013 – 30th July, 2013.
2. Participated in UGC sponsored Refresher Course in Life Science (Multidiscipline) Conducted by UGC-Academic Staff College, Bharathiar University, Coimbatore on 11th September, 2012 – 1st October, 2012.
3. Participated in UGC sponsored Orientation Programme Conducted by UGC-Academic Staff College, Madurai Kamaraj University, Madurai on 8th July, 2010 - 4th August, 2010.
4. Participated in Two-Day Faculty Orientation Programme in Communication Skills, Read and Write Efficiently, Recent Trends in Education, Effective Teaching and Accreditation of Institutions, Organized by J. J. College of Arts and Science, Pudukkottai on 9th & 10th June, 2008.

Overseas Exposure / Visits

1. Visited Malaysia on to participate international Conference on Traditional Medicine 2011 (CONTRAMED-2011) held at Pulau Pinang, Malaysia organized by Universiti Sains Malaysia, Malaysia on 29th and 30th November, 2011.

Membership in

Professional Bodies

1. Life Member: Indian Science Congress Association

Academic Bodies (such as Board of Studies etc.,)

1. Member, Board of Studies for Botany courses, Alagappa University.
2. Special Invitee, Board of Studies for Zoology, DDE, Alagappa University.
3. Member, Board of Studies, B. Sc., Botany, Alagappa University affiliated Colleges.
4. Chairman, Board of Valuation, M. Sc., and M. Phil. Botany, Directorate of Distance Education, Alagappa University.
5. Chairman, Question Setting Board, M. Sc., Botany, Directorate of Distance Education, Alagappa University.
6. Member, Board of Valuation, M. Phil. Botany, Thiagarajar College (Autonomous), Madurai-9.
7. Member, Board of Valuation, M. Sc., Microbiology, Alagappa University affiliated Colleges.
8. University Representative, Distance Education Examinations, Alagappa University.
9. University Observer, B. Ed., and M. Ed., Examinations, Tamilnadu Teacher Education University.
10. Member, Inspection Squad, Examinations of Alagappa University affiliated Colleges.
11. Member, Question Setting Board, Microbiology and Biochemistry Alagappa University Collaborative programme.
12. Member, Board of Valuation, Microbiology and Biochemistry Alagappa University Collaborative programme.

Others

1. Observer, All India Pre- Medical and Dental Entrance Examinations, CBSC, New Delhi.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 08

Recent Publications

1. Arun A, M. Jothi Basu , R. Vigneshwari, G.H. Dinesh, K. Mohan Rasu, G. Siva Prakash, and R. Satheesh Murugan. 2015. Biological corrosion inhibition of steel alloy by pani nano fiber. *African Journal of Microbial Research*. 9 (12): 886–891. ISSN 1996-0808
2. Manikandan Ramar, Beulaja Manikandan, Thiagarajan Raman, Koodalingam Arunagirinathan, Narayanan Marimuthu Prabhu , Muthuramalingam Jothi Basu , Muthulakshmi Perumal ,Subramanian Palanisamy, Arumugam Munusamy , 2014. Biosynthesis of silver nanoparticles using ethanolic petals extract of *Rosa indica* and characterization of its antibacterial, anticancer and anti-inflammatory activities. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 138: 120–129 ISSN 1386-1425 (Impact Factor: 2.653)
3. Jothi Basu, M., and Yogananth, N. 2011. *In vitro* anti-inflammatory activity and tissue culture studies on *Andrographis paniculata* (Burm. F.) Wallich Ex. Nees.: a medicinal plant. *Journal of Pharmacy Research*, 4(5):1368-1369. ISSN 0974-6943
4. Deepadevi, M. Basu, M.J., and Santhaguru, K. 2010. Response of *Sorghum bicolor* (L.) Monech to dual inoculation with *Glomus fasciculatum* and *Herbaspirillum seropedicae*. *General and Applied Plant Physiology* 36:176-182. ISSN 1312-8183
5. Jothi Basu, M., Ramanathan, R., Yogananth, N and Baburaj, S. 2009. Micropropagation of *Crataeva religiosa* Hook. f. & Thoms. *Current Trends in Biotechnology and Pharmacy* 3:287-290. ISSN 0973-8916
6. Yogananth, N. and Jothi Basu, M. 2009. TLC method for the determination of plumbagin in hairy root culture of *Plumbago rosea* L. *Global Journal of Biotechnology & Biochemistry* 4: 66-69. ISSN 1995-9001
7. Jothi Basu, M. and Santhaguru, K. 2009. Impact of *Glomus fasciculatum* and Fluorescent *Pseudomonas* on growth performance of *Vigna radiata* (L.) Wilczek challenged with phytopathogens. *Journal of Plant Protection Research*. 49: 190-194. **ISSN:** 1427-4345 (Impact Factor: 0.031)
8. Jothi Basu, M. , Yogananth, N. and Baburaj. 2009. *In vitro* propagation of *Hybanthus enneaspermus* Linn. f. Muell. from leaf explants. *Advanced Biotech* VIII: 29-31. ISSN : 0973-0109

9. Jothi Basu, M. , Kalidoss, A, Kayathri, Shanmugam and Baburaj, S. 2008. *In vitro* regeneration from leaf callus culture of *Scoparia dulcis*. *Plant Cell Biotechnology and Molecular Biology* 9 (3&4): 139-142. ISSN : 0972-2025
10. Rajendran, K., Baburaj, S & Jothi Basu, M. 2008. Natural and Cultivated Dye Yielding Plants and Their Utilization by Villagers in Southern Districts of Tamilnadu. *Journal of Economic and Taxonomic Botany*. 32(Suppl.): 141-145. ISSN: 2050-9768
11. Rajendran, K., Balaji, P. & Jothi Basu, M. 2008. Medicinal Plants and Their Utilization by Villagers in Southern Districts of Tamil Nadu. *Indian Journal of Traditional Knowledge* 7: 417-420. ISSN: 0972-5938 (Impact Factor: 0.232)
12. Rajendran, K., and Jothi Basu, M. 2006. Morphological Variation, Histology, Histochemistry and Nutrient Contents of *Frankia* Root Nodules in *Casuarina equisetifolia*. *Indian Journal of Experimental Biology* 44: 924-928. ISSN: 0019-5189 (Impact Factor: 0.702)
13. Kasthuri Rengamani, S., Jothi Basu, M. and Rajendran, K. 2006. Effect of Bioinoculants on Quality Seedling Production of Drumsticks (*Moringa oleifera* L.). *Journal of Non-Timber Forest Products*. 13: 41-46. ISSN: 0971-9415
14. G. Sivaprakash, K. Mohanrasu, B. Vimala devi, M. Jothi Basu and A. Arun. 2016. Synthesis and characterization of MnZnO nanocomposite for nanocatalytic biodiesel and super-capacitor applications. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
15. G. Sivaprakash, K. Mohanrasu, B. Vimala devi, M. Jothi Basu and A. Arun. 2016. AgZnO nanocomposite synthesis for biodiesel and antibacterial applications. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
16. R. Satheesh Murugan, G.H. Dinesh, B. Vimala devi, M. Jothi Basu and A. Arun. 2016. Single effect of acid pretreatment methods for biohydrogen production from food industry wastewater by dark fermentation. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.

17. K. Mohanrasu, G. Sivaprakash, G.H. Dinesh, M. Jothi Basu and A. Arun. 2016. Bio decolourization and biodiesel production by microalgal isolates. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
18. K. Mohanrasu, G. Sivaprakash, G.H. Dinesh, M. Jothi Basu and A. Arun. 2016. Bioplastic (phb) production by marine bacterial isolates. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
19. N. Premnath, K. Mohanrasu, G. Sivaprakash, G.H. Dinesh, M. Jothi Basu and A. Arun. 2016. Marine bacteria-mediated polycyclic aromatic hydrocarbons (pahs) degradation. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
20. G.H. Dinesh, K. Mohanrasu, R. Satheeshmurugan, B. Vimala devi, M. Jothi Basu and A. Arun. 2016. Evaluation of microbial bio-hydrogen production by biscuit industry waste isolates. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
21. G.H. Dinesh, R. Satheeshmurugan, B. Vimala devi, M. Jothi Basu and A. Arun. 2016. Optimization of biohydrogen production using dairy industrial waste by *Bacillus cereus*. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
22. T. Boobalan, Govindarajan, N. Samsudeen, M. Jothi Basu and A. Arun. 2016. Participated and presented a paper entitled Bioelectricity production from microbial fuel cell using bacteria isolates from human feces waste water. In: International Conference on Recent Trends in Microbiology, organized by Department of Microbiology, Alagappa University, Karaikudi on 20th & 21st December, 2016.
23. R. Vanajothi, Jothi Basu, M. and P. Srinivasan. 2016. Investigation of the potential bioactive compound from *Luffa acutangula* against transcription factor of nuclear factor Kappa B (NF-KB). In: 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.

24. A. Arun, P. Srinivasan, G. Sivaprakash, K. Mohanrasu, R. Satheeshmurugan, G.H. Dines, B. Vimala and Jothi Basu, M. 2016. Exploring antibacterial drug from AgNPs of *Pedaliium murex*-Medicinal plant extract. In: 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.
25. A. Sudha, P. Srinivasan. and M. Jothi Basu. 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.
26. Jothi Basu, M, Rajendran, 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 Universiti Sains Malaysia, Malaysia on 29th and 30th November, 2011.
27. Rajendran, K. and Jothi Basu, M. 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 Biodiversity 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.
28. 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.
29. 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.
30. Kannapiran, E. and Jothi Basu, M. 2009. "*Kadal Pasukkal*". In: Ninth Conference of Tamil Science Congress held at Alagappa University, on 11th to 13th of September, 2009.

31. Jothi Basu, M., Yogananth. N., Chanthuru, A. and Baburaj, S. 2009. Anti-inflammatory activity and Tissue culture studies on *Antrographis paniculata* (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.
32. Jothi Basu, M., and Yogananth. N. 2009. Micropropagation and induction of hairy root cultures of *Plumbago rosea* L. In: National Conference on Modern Trends in Plant *in vitro* Biology held at Bharathidasan University, Thiruchirappalli. Jan. 5 & 6, 2009.
33. Jothi Basu, M. and Santhaguru, K. 2008. Impact of fluorescent *Pseudomonas* and *Glomus fasciculatum* on *Vigna radiata* (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.
34. Jothi Basu, M. and Santhaguru, K. 2006. Induction of pathogenesis related proteins in fluorescent *Pseudomonas* treated *Vigna radiata* in response to infection by *Fusarium oxysporum* and *Rhizoctonia solani*. In: DBT sponsored National Symposium on Frontier Areas in Plant Biotechnology held at Lady Doak College, Madurai. Jan. 20-21, 2006.
35. Jothi Basu, M. and Santhaguru, K. 2005. Impact of dual inoculation of fluorescent *Pseudomonas* VuPf1 and *Glomus fasciculatum* on *Vigna radiata* (L.) Wilczek. In: UGC sponsored National seminar on Present Scenario in Plant Science Research, held at Annamalai University, Annamalai Nagar. Feb. 19-20, 2005.
36. Chandrasekaran, S., Bharathi, R., Jothi Basu, M., and Kamalakannan, B. 2005. Allelopathic effect of *Prosopis juliflora* 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.
37. 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, Trivadrur. April 18-21, 2001.