



DR. J. EBENEZAR IMMANUEL

Dy. CONTROLLER OF EXAMINATIONS &
ASSOCIATE PROFESSOR, DEPARTMENT OF BOTANY
THE AMERICAN COLLEGE, MADURAI, TAMIL NADU
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CAREER OBJECTIVE

Excellence Through Hard Work, Innovation And Lifelong Learning.

ABOUT ME

Working as Associate Professor in the Department of Botany, The American College, Madurai, Tamil Nadu, India. Teaching and Research Experience 19 years.

In Government Aided Post Since 2007

PERSONAL PROFILE

Date of Birth : 3rd Dec 1977

Sex : Male

Religion : Christian

Nationality : Indian

Languages Known : English, Tamil

Permanent Address : 58C, T.P.K Main Road, Palanganatham, Madurai 625003.
Tamil Nadu. India.

EDUCATIONAL QUALIFICATIONS

DEGREE	SUBJECT	COLLEGE / UNIVERSITY	YEAR COMPLETED	CLASS
B.SC	BOTANY	THE AMERICAN COLLEGE, MADURAI, TAMIL NADU	2000	I CLASS
M.SC	BOTANY	THE AMERICAN COLLEGE, MADURAI, TAMIL NADU	2002	I CLASS
M.PHIL	BOTANY	CAS IN BOTANY, UNIVERSITY OF MADRAS, CHENNAI., TAMIL NADU	2004	I CLASS WITH DISTINCTION
PH.D	BOTANY	CAS IN BOTANY, UNIVERSITY OF MADRAS, CHENNAI, TAMIL NADU	2007	HIGHLY COMMENDED

PROFESSIONAL EXPERIENCE IN THE AMERICAN COLLEGE, MADURAI

POST HELD	DURATION
LECTURER	06.07.2006
ASSISTANT PROFESSOR	13.09.2007
ASSOCIATE PROFESSOR	23.11.2019 - Till Date

Government - Aided Service - 18 Years

EDUCATIONAL INFORMATION IN DETAIL

Ph.D Botany - 2007 (Specialization: Plant Pathology – Biological Pest Control) Centre For Advanced Studies in Botany (CAS), University of Madras, Chennai, India. (Highly Commended)

Supervisor: Prof. Dr. Samuel. S. Gnanamanickam, Former Professor, University of Madras and Former Adjunct Professor, Arizona University US - Specialist in Biological Control of Plant Diseases.

Senior Research Fellow - 2005 (SRF- DST) - Department of Science and Technology, Funded Research Project, Govt. of India.

M.Phil Botany - 2003 (Specialization: Mycology) Centre For Advanced Studies in Botany (CAS), University of Madras, Chennai, India. with First Class - Distinction.

M.Sc Botany - 2002 (Specialization: Microbiology) The American College, Madurai Kamaraj University, Madurai, India. with First Class.

B.Sc Botany - 2000 The American College, Madurai Kamaraj University, Madurai, India. with First Class.

Ph.D GUIDESHIP

Recognized Guide for Ph.D in Botany, Madurai Kamaraj University, Madurai, Tamil Nadu Since 29 August, 2012 (Guideship No.1261).

ACADEMIC & ADMINISTRATIVE TRAINING

- **Dy. Controller of Examination**, The American College, Madurai (2021- till date)
- **Nodal Officer**, Academic Bank of Credits, UGC Bureaus – New Delhi, The American College, Madurai. (2024 – till date)
- Dy. Director NAAC, The American College, Madurai. (2019-21)
- Hostel Board Member - Co-opted members, The American College, (2018-2019).
- Senates member (2016-17) - Faculty Elected representative, The American College, Madurai.
- Member - Extension of Autonomous Status Committee, The American College, Team visited, 3rd & 4th October, 2016.
- Convenor – Medicinal plants conservation centre, The American College
- Member – Awards committee, The American College, Madurai.
- Member- Academic council of The American College, Madurai.
- Member – Evaluation and monitoring cell, The American College, Madurai.
- Member – Counselling and guidance committee, The American College,
- .Minutes Secretary, Department of Botany, The American College, Madurai.
- Member – Students services committee, The American College, Madurai
- Member – Magazine committee, The American College, Madurai.
- Board of studies member – Department of Botany, The American College, Madurai.
- Member - University Grants Commission (UGC), Autonomy review committee of The American College, Madurai.
- Member - Curriculum development committee for National Assessment and Accreditation Council (NAAC) of The American College
- External member – University Grant Commission (UGC) research scholar's selection committee, Madura College, Madurai, India.
- Senior Research Fellow (SRF) - Department of Science and Technology (DST) Funded Research Project, Govt. of India.
- Former Research Scholar, Centre for Advanced Studies in Botany (CAS) University of Madras, Chennai, India (2002 to 2004)

TRAINING AND EXPERTISE IN BIOLOGY

Microbial Techniques – Isolation and identification of plant pathogens, in particular *Rhizoctonia solani*, *Xanthomonas oryzae pv oryzae*, *Magnaporthe grisea* and *Colletotrichum falcatum*.

Molecular Techniques – DNA, Plasmid and Protein Isolation from plants and microbes. PCR-RAPD, RFLP, ARDRA analysis.

Biochemical Techniques - Analytical TLC, Column Chromatography, HPLC, GC-MS, UV-Vis spectroscopy.

Field Experience - Field, green house and laboratory experience in plant disease management using bacterial biocontrol agents.

Presently engaged with academic group on Synthesis and Characterization of Green Nanoparticles.

PUBLICATIONS

(PEER –REVIEWED, REFEREED & UGC LISTED JOURNALS)

1. **J Ebenezar Immanuel**, B. Muthukumar., R P. Santhosh., V K. Govindarajan., A. Chamseddine., P. Velusamy., M. Bajaber and S C B. Gopinath (2025) - **Journal**. *Pseudomonas fluorescens* Based Biogenic Silver Nanoparticles: A Green Solution for Brown Leaf Spot Disease in Rice. **BioNanoSciences**. 15, 299 (2025). <https://doi.org/10.1007/s12668-025-01911-9> (**Impact Factor: 3.2**) CiteScore - 5.1, **SPRINGER NATURE PUBLISHERS**

2. P. Veluchamy, **J. Ebenezar Immanuel** and SS Gnanamanickam (2013) - **Journal**. Rhizosphere bacteria for biocontrol of bacterial blight and growth promotion of rice. **Rice Science** 20 (5). ISSN: 1672-6308 (**Impact Factor: 5.6**) CiteScore - 8.9, **ELSEVIER PUBLISHERS**

3. **J. Ebenezar Immanuel**, R. Hemamalini and SS Gnanamanickam (2012) - **Journal**. Genetic diversity of biocontrol strains of *Pseudomonas fluorescens* producing 2,4-diacetylphloroglucinol from south India. **Journal of Crop Improvement** - 26:228-243. ISSN 1542-7528 (**Impact Factor: 1.4**) CiteScore - 3.3, **TAYLOR & FRANCIS PUBLISHERS**

4. **J. Ebenezar Immanuel**, Hemamalini, R., Suresh Kuru and Ebenezer, P. (2011) – **Journal**. Effect of Calixin® (Tridemorph) on the biology of *Colletotrichum falcatum*. **Plant Archives** Vol.11 No.2 Pages.1101-1105 ref.16 ISSN : 0972-5210/ 2581-6063 (**Impact Factor: 1**) CiteScore - 0.1, H-Index: 6, **Scopus Listed**

5. Sam S. Gnanamanickam and **J. Ebenezar Immanuel** (2006) - **Book**. Epiphytic bacteria, their ecology and function. Pages:131-154. In: Plant-Associated Bacteria, Samuel. S. Gnanamanickam (Editor). **Springer Academic Publishers**. Printed in Netherlands. ISBN 978-1-4020-4537-0

6. Palaniyandi Velusamy, **J. Ebenezar Immanuel**, Samuel. S. Gnanamanickam and Linda Thomashow (2006) - **Journal**. Biological control of rice bacterial blight by plant-associated bacteria producing 2,4-diacetylphloroglucinol. **Canadian Journal of Microbiology**. 52:56-65. ISSN : 0008-4166 (**Impact Factor: 2.6**) CiteScore - 4.3
CANADIAN SCIENCE PUBLISHERS

7. **J. Ebenezar Immanuel** and Gnanamanickam, S. S. (2006) **Book - Bulletin International Conference**. Bacterial inoculants for suppression of rice bacterial blight in India: role of 2,4-diacetylphloroglucinol in disease suppression. **Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft** (Federal Biological Research Centre for Agriculture and Forestry - BBA) **Berlin, Germany**. Wolfgang Zeller & Cornelia Ullrich (Editors). No.408 **Pages 99-104**, ISSN : 0067-5849; ISBN : 9783930037292

8. S. S. Gnanamanickam, V. Karthikeyan, **J. Ebenezar Immanuel**, Boney Kuriakose, V.Arun, N.N.Narayanan and Swapan K. Datta (2004) - **Book**. Molecular Breeding of Indica Rices for Blast and Bacterial Blight Resistance. Vistas in Applied Botany. Prakash H. S., Niranjana S.R & Ramachandra Kini K. (Editors). **Publishers: Department of Applied Botany and Biotechnology**, University of Mysore, India. **Pages 149-161**

9. **J. Ebenezar Immanuel**. and S. S. Gnanamanickam (2005) - **Proceedings Book-International Conference**. Chapter. Bacterial inoculants for the suppression of rice Bacterial blight and Sheath blight in India: Role of 2,4-Diacetylphloroglucinol in disease suppression. S. S Gnanamanickam., R. Balasubramanian & N. Anand (Editors). Asian Conference on Emerging Trends In Plant – Microbe Interactions. **Publishers: Centre for Advanced Studies In Botany**, University of Madras. Chennai. India. **Pages 19-24**

10. Karthikeyan V, S. S. Gnanamanickam, Kavitha S, Bharath Kumar S, Boney Kuriakose, Arun V, Purushothaman and **J. Ebenezar Immanuel**. (2005) - **Proceedings Book - International Conference**. Chapter. Biological Control of Setaria blast (*Magnaporthe grisea*) with proven biocontrol strains. S. S Gnanamanickam., R. Balasubramanian & N. Anand (Editors). Asian Conference on Emerging Trends In Plant–Microbe Interactions. Publishers: Centre for Advanced Studies In Botany, University of Madras. Chennai. India. **Pages 319-327**

11. **J Ebenezar Immanuel (Editor)**., S. RajKumar Immanuel., D.Stephen & R. Sanjay. (**Proceeding Book-International Conference**) “Proceedings of the International Conference on Unifying Biology Through Diversity” (ICUBD-2022). Organized by PG & Research Department of Botany, The American College, Madurai, India. 2022 ISBN: 939299521-0

12. **J Ebenezar Immanuel (Associate Editor)**., A. Alagappa Moses & P. Mathew Koshy. (**Proceeding Book - International Conference**) “Proceeding of the 5th International Eco - Conference on Greening the Globe for sustainable living (IEC-GGSL) ” Organized by. Consortium of CSI Synod centre. Chennai. August 2019- ISBN: 978-93-5382-371-9

13. **J. Ebenezar Immanuel**, Pandiyarajan Naveen Prasath., Selvaraj Nesaraja., Sivamoorthy Nageh Vignesh., Essam Nageh Sholkamy., Govindarajan Venkat Kumar., Venkadapathi Jeyanthi., Periasamy Anbu. (2025) Submitted - **Journal**. Newly isolated *Pseudomonas mandelii*-mediated green synthesis of silver nanoparticles: A promising approach for cancer treatment. **Scientific Reports**. (Impact Factor: 3.8) CiteScore-6.9 **SPRINGER NATURE PUBLISHERS**

Gene sequence submission: References: <http://www.ncbi.nlm.nih.gov/>
(National Library of Medicines – National Institute of Health-**NIH, USA Gov.**)

- *Bacillus pumilus* strain (AMC21) 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no. **KY172642**
- *Exiguobacterium profundum* strain (EB1) 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no. **KX760116**
- Uncultured *Sediminibacterium* sp. clone (SSG1) 16S ribosomal RNA gene, partial sequence at NCBI Genbank bearing GenBank accession no. **KX914732**
- *Lysinibacillus macroides* strain AC EB1 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no. **PP760195.1**
- *Acinetobacter schindleri* strain AC MEB2 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no **PP758149.1**
- *Pseudomonas yangonensis* strain AC MEB 6 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no: **PP758207.1**
- *Exiguobacterium indicum* strain AC MEB 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no: **PP758205.1**
- *Sediminibacterium soli* strain AC MEB5 16S ribosomal RNA gene sequence at NCBI Genbank bearing GenBank accession no: **PP758203.1**

RESEARCH GRANT

Principal Investigator

University Grants Commission of India (UGC). **Major Research Project**
(Completed) (UGC Reference No. F. 39-420/2010 (SR); 07 JANUARY 2011)

Grant received:Rs.6,98,300

Title: Screening Fluorescent *Pseudomonads* Strains from the Forest Soil of Grizzled Squirrel Wildlife Sanctuary of Sathuragiri Hills (Western Ghats) for its Genetic Diversity and Production of Agrobioactive Metabolites.

CONFERENCE / SYMPOSIA / MEETINGS ATTENDED

1. **J. Ebenezar Immanuel** & P. Naveen Prasath. Green Synthesis of *Pseudomonas fluorescens* Based Nanoparticle Against Selected Plant And Human Pathogens International Conference On Nutri-Omics In Biotechnological Innovations-ICNBI24 organized by the Department of Food Science & Nutrition, The American College, Madurai on 5 & 6 March 2024.
2. **J. Ebenezar Immanuel.**, Participated in the “International Conference – MicCon23”. Organized by School of Biological Sciences, Madurai Kamaraj University, Madurai, Tamil Nadu, India & Federation of **European Microbiological Society (FEMS)**. 16th September 2023
3. **J. Ebenezar Immanuel.**, Participated in the Academic Renewal Program, at Port Blair, Andaman & Nicobar Island. Organized by All India Association of Christian Higher Education, New Delhi. 24th to 27 August 2023.
4. **J. Ebenezar Immanuel.**, (Oral Presentation). “*Pseudomonas fluorescens*, A promising biocontrol strain for sustainable agriculture”. – National Conference on Biotechnology for Sustainable Agriculture and Healthcare, Organized by School of Biotechnology, Madurai Kamaraj University, Madurai, Tamil Nadu, India. 23rd & 24th March 2023.
5. **J. Ebenezar Immanuel.**, (Oral Presentation). “Suppression of leaf spot pathogen *Cercospora jasminicola* in *Jasminum grandiflorum* from the plantations around Madurai” Organized by The Department Of Microbiology, The American College Madurai, International Conference on Novel Paradigms in Microbiology for Sustainable Future. (ICPM) 10th & 11 November 2022.
6. **J. Ebenezar Immanuel.**, (Oral Presentation). “*Pseudomonas fluorescens*: The Magic Microbe for Agriculture”. International Conference on ‘Unifying Biology Through Diversity’ Organized by the Department of Botany, The American College, Madurai, Tamil Nadu, India. 14th and 15th October 2022.
7. **J. Ebenezar Immanuel** & Eswaran V M. (Oral Presentation). “*Pseudomonas fluorescens*- A biocontrol tool against Fungal Disease in *Sesamum indicum L*”. International Conference on ‘Unifying Biology Through Diversity’ Organized by the Department of Botany, The American College, Madurai, Tamil Nadu, India. 14th and 15th October 2022.
8. **J. Ebenezar Immanuel.**, Mohan S., Abraham G.C & Rajendran K. (Oral Presentation). “Water quality and vegetation diversity in the selected streams of Nagamalai hill Range Madurai District”. International Conference on ‘Unifying Biology Through Diversity’ Organized by the Department of Botany, The American College, Madurai, Tamil Nadu, India. 14th and 15th October 2022.

9. **J. Ebenezar Immanuel**, Two Week Faculty Development Programme on Inter Disciplinary Refresher Course (Managing Online Classes & Co-creating MOOCs), organized by the Teaching and Learning Centre of Ramanujan College (Ministry of Human Resource Development – Pandit Madan Mohan Malviya National Mission on Teacher and Teaching), University of Delhi, New Delhi. August 2021

10. **J. Ebenezar Immanuel**, Two-Week Online Refresher Course On "Drug Discovery, Drug Development And Analytical Interpretation of Data In Pharmaceutical Research" University Grants Commission Human Resource Development Centre (HRDC) Jawaharlal Nehru Technological University, Hyderabad, Telangana, India. A+ Grade. July 2021

11. **J. Ebenezar Immanuel** attended Quality Enhancement and Sustainance in Higher Education, organized by the Internal Quality Assurance Cell (IQAC), American College, Madurai. 6TH March 2020

12. **J. Ebenezar Immanuel** participated in The National Conference on "SMART SUMMIT" – 2020 Organized by the PEARL – A Foundation for Educational Excellence. Bangalore, India. 15th March 2020

13. **J. Ebenezar Immanuel**, Mohan S & Eswaran V.M. (Oral Presentation). "*Pseudomonas fluorescens*, a compatible bacterial strain against the prevailing diseases in Agro Ecosystem". Organized by International Eco – Conference on Greening globe for sustainable living. (IEC- GGSL 2019). CSI Synod centre. Chennai. 1st to 4th August 2019

14. **J. Ebenezar Immanuel** & J. Nithyakamalam . (Oral Presentation). "Solid Waste Management: A service learning experiment". Organized by International Eco – Conference on Greening globe for sustainable living. (IEC- GGSL 2019). CSI Synod centre. Chennai. 1st to 4th August 2019

15. **J. Ebenezar Immanuel**, Participated in the workshop titled " Help at hand – Strengthening faculty in counseling technique to facilitate Gen Z" Organized by St. Stephens College of Education, sponsored by United Board for Christian Higher Education in Asia. 13th October to 20th October 2018.

16. **J. Ebenezar Immanuel** & U. Sethu Surya. (Oral Presentation). Sustainable Agriculture. Mega science conference – National symposium on Global warming and sustainable living environment, Organized by PRIST University, Madurai, Tamil Nadu, India. 12th & 13th Feb. 2019

17. **J. Ebenezar Immanuel** & Eswaran V.M. (Oral Presentation). – Characterization of Endophytic bacteria, National conference on " Impact of Pollution on Health and Restoration of quality environment through biotechnology application. Organized by Dept of Zoology, The American College, Madurai, Tamil Nadu, India – 2nd & 3rd Feb. 2018.

18. **J. Ebenezar Immanuel**, Lead lecture – “Bacterial inoculants for the suppression of rice pathogen in India”, National conference on “ Impact of Pollution on Health and Restoration of quality environment through biotechnology application. Organized by Dept. of Zoology, The American College, Madurai, Tamil Nadu, India – 2nd & 3rd Feb. 2018.

19. **J. Ebenezar Immanuel**, attended the Science Academics Lecture workshop on Introduction to Modern Biology held in The American College, Madurai. 19-21 January 2017

20. **J. Ebenezar Immanuel.**, S. Abirami., S. Ramalakshmi., B. Renganayaki and R. Hemamalini (Oral Presentation). Characterization of endophytic bacteria in association with seaweeds of Vattakotai, Kanyakumari, Tamil Nadu, India. National Conference on Bioresources: Conservation, Utilization and Future Prospects (NCBCUFP- 2017), Organized by the department of botany, Gandhigram rural university, Gandhigram, Tamil Nadu. 16th & 17th Feb.2017

21. **J. Ebenezar Immanuel.** (Oral Presentation). International Conference on Microalgal and Cyanobacterial Biotechnology. Organized by National Facility for Marine Cyanobacteria, Department of Marine Biotechnology, Bharathidasan University, Tiruchirappalli. Tamil Nadu. 29th to 31st August 2016.

22. **J. Ebenezar Immanuel.** and B.Vignesh Kumar (Paper Presentation). A Solution for World Hunger using Novel PGPR. India International Science Festival: NPL, New Delhi. 11th December 2016

23. **J. Ebenezar Immanuel.**, Mohan & G.C.Abraham. (Paper Presentation). In vitro Technique for Recovering Plants from Medicinal Ornamental Bauhinia purpurea (Linn). “International conference on frontiers in life sciences” Organized by The Department of Botany, St. Joseph’s College, Tiruchirappalli, Tamil Nadu 7th and 8th January 2016.

24. **J. Ebenezar Immanuel.** (Paper Presentation). Isolation of secondary metabolites from sea weeds. “International conference on frontiers in life sciences” Organized by The Department of Botany, St. Joseph’s College, Tiruchirappalli, Tamil Nadu 7th and 8th January 2016.

25. **J. Ebenezar Immanuel.** (Participated). National Seminar on Geospatial Technology for Resource Evaluation and Environment. School of Earth Atmospheric Sciences, Madurai Kamaraj University. Madurai. Tamil Nadu. 13th & 14th August 2015.

26 **J. Ebenezar Immanuel. (Chaired Session).** National Conference on Recent Advances In Industrial Biotechnological Skills Development. PG & Research Department of Botany, Thiagarajar College, Madurai. Tamil Nadu. 30th & 31st March 2015.

27. **J. Ebenezar Immanuel.** (Paper Presentation). Extraction of secondary metabolites from bacteria associated with macro algae isolated from Mandapam Tamil Nadu. National Conference on Recent Advances In Industrial Biotechnological Skills Development. PG & Research Department of Botany, Thiagarajar College, Madurai. Tamil Nadu. 30th & 31st March 2015

28. **J. Ebenezar Immanuel.** (Paper Presentation). Extraction of secondary metabolites from bacteria associated with sea weeds. Golden Jubilee National Seminar On Discourses On Past, Present and Future Scenario On Medicinal Plant Conservation In India. PG & Research Department of Botany, Saraswathi Narayanan College, Madurai. Tamil Nadu. 6th & 7th March 2015

29. **J. Ebenezar Immanuel.** Participated in the National Workshop on Plant Proteomics for Teaching faculty, organized by Department of Biotechnology, School of Bioengineering, SRM University, Chennai, Tamil Nadu. 27th – 31st 2015.

30. **J. Ebenezar Immanuel.** Participated in the Faculty Development Program. All India Association of Christian Higher Education, New Delhi. Stella Mary's Training Institute, Kanyakumari. Tamil Nadu. 17th – 19th September 2014.

31. **J. Ebenezar Immanuel** (Paper Presentation). Study on the characterization of secondary metabolites production by *Pseudomonas fluorescens* strains isolated from the foot hills of Sathuragiri hills Western Ghats Tamil Nadu, National Conference in Recent Trends in Bioprospecting of plants. Department of plant science, School of Life Sciences. Bharathidasan University, Tiruchirappalli. Tamil Nadu. 28th -29th 2014

32. **J. Ebenezar Immanuel** (Paper Presentation). Screening of potential *Pseudomonas fluorscens* strains from the foot hills of Sathuragiri hills Western Ghats Tamil Nadu. National conference on recent advances in algology, mycology and plant pathology and Golden jubilee celebrations of Centre for advanced Studies in Botany by University Grants Commission (UGC). CAS in Botany, University of Madras. Chennai. India 19th - 20th February 2014.

33. **J. Ebenezar Immanuel & Karthikayen.** (Paper presentation). Genetic diversity and characterization of *Pseudomonas fluorescens* strains isolated from the foot hills of sathuragiri hills (Western Ghats) Tamil Nadu. National Conference on Frontier Vistas in Modern Biotechnology, Department of Immunology & Microbiology, The American college Madurai 12th December 2013.

34. **J. Ebenezar Immanuel**. Participated in the **Refresher Course** in Life Sciences organized by the Academic Staff College, Madurai Kamaraj University, Madurai. Tamil Nadu. 07th -27th November 2013.

35. **J. Ebenezar Immanuel** (Attended). National conference on new opportunities and challenges in microbial research. Department of Microbiology. Bharathidasan University, Tiruchirappalli. Tamil Nadu 5th -6th September 2013.

36. **J. Ebenezar Immanuel (Invited Lecture)**. Characterization and genetic diversity study of *Pseudomonas fluorescens* strains isolated from the foot hills of Sathuragiri hills Western ghats, Tamil Nadu. Prof.T.S. Sadasivam's Birth Centenary celebration's, National Conference on advances in plant pathology. Centre for Advanced Studies in Botany, University of Madras. Chennai. India 27th - 28th March 2013.

35. **J. Ebenezar Immanuel**. (Best Oral Presentation) Characterization and antagonistic study of *Pseudomonas fluorescens* strains isolated from the foot hill of Sathuragiri hills, Western Ghats, Tamil Nadu, National conference on recent trends in plant biotechnology. Department of plant science, School of Life Sciences. Bharathidasan University, Tiruchirappalli. Tamil Nadu. 27th -28th February 2013.

37. **J. Ebenezar Immanuel** (Paper Presentation). Isolation and characterization of *Pseudomonas fluorescens* strains from the foot hills of Sathuragiri hills for its production of antimicrobial compound against plant pathogens. National conference on microbial technology for sustainable development. Dept. of Botany, Gandhigram rural university, Gandhigram, Tamil Nadu. 1-2nd February 2013.

38. **J. Ebenezar Immanuel**. Participated in the 64th **Orientation Programme** organized by the Academic Staff College, Madurai Kamaraj University, Madurai. Tamil Nadu 1st -28th February 2012.

39. **J. Ebenezar Immanuel** (Participated). Workshop on scouting, documentation and dissemination of grassroots and traditional knowledge. Dept. of Botany The Madura College. Madurai. Tamil Nadu 31st October 2010.

40. **J. Ebenezar Immanuel** (Paper Presentation). National conference on Advances in plant pathology. CAS in Botany University of Madras. Chennai. India 11- 12th March 2010.

41. **J. Ebenezar Immanuel** (Paper Presentation). Role of 2,4-diacetylphloroglucinol in the suppression of *Rhizoctonia solani* causing sheath blight disease of rice. National seminar on fungal biotechnology. Department of biotechnology, School of life science, Vels University, Chennai. 4th- 5th March 2010.

42. S. S. Gnanamanickam and **J. Ebenezar Immanuel**. (Paper Presentation). Biological diversity of rhizosphere bacteria developed as agents of biological control of rice diseases in India. National Conference on Agrobiodiversity. National Biodiversity Authority of India. India. February 12-15, 2006.
43. S. S. Gnanamanickam and **J. Ebenezar Immanuel**. Bacterial inoculants for the suppression of rice Bacterial blight in India: Role of 2,4-Diacetylphloroglucinol in disease suppression. 1st International Symposium on Biological Control of Bacterial Diseases, Darmstadt. Germany. October, 23-26, 2005.
44. Karthikeyan V, S. S. Gnanamanickam, Kavitha S, Bharath Kumar S, Boney Kuriakose, Arun V, Purushothaman and **J. Ebenezar Immanuel**. Biological Control of *Setaria* blast (*Magnaporthe grisea*) with proven biocontrol strains. Asian Conference on Emerging Trends In Plant–Microbe Interactions. University of Madras. Chennai. India. December 8-10, 2005.
- 45 **J. Ebenezar Immanuel**. and S. S. Gnanamanickam. Bacterial inoculants for the suppression of rice Bacterial blight and Sheath blight in India: Role of 2,4-Diacetylphloroglucinol in disease suppression. Asian Conference on Emerging Trends In Plant – Microbe Interactions. University of Madras. Chennai. India. December 8-10, 2005.
46. **J. Ebenezar Immanuel** and Ebenezer, P. Effect of Calixin (Tridemorph) on the biology of *Colletotricum falcatum*. National Symposium on “Recent trends in Biology, Biodiversity and Biotechnology of Fungi” Centre for Advanced Studies in Botany, University of Madras, Chennai. India. February 5-6, 2004.

CONFERENCE/ SEMINAR/ WORKSHOP ORGANISED

Organizing Secretary for **National Workshop** on Exploring Indigenous Rice Varieties. Organized by PG and Research Department of Botany, The American College, Madurai. 28th February 2023.

Organizing Secretary for **International Conference** on 'Unifying Biology Through Diversity' Organized by the Department of Botany, The American College, Madurai, Tamil Nadu, India. 14th and 15th October 2022.

Organizing Secretary, "VIGYAN SARVATRA PUJYUTE" Festival of SCoPE for All, American College, Madurai. 22nd -28th February 2022

Steering Committee Member, International Eco – Conference on Greening globe for sustainable living. (IEC- GGSL 2019). CSI Synod centre. Chennai. 1st to 4th August 2019

Organizing Committee Member for Golden Jubilee Celebration of All India Association for Christian Higher Education (AIACHE) held at The American College, Madurai from 7October, 2016 to 11 October, 2016.

Organizing Committee Member for State level inter collegiate Quiz competition, Organized by Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakam, Tamil Nadu, India.2017

AWARDS / FELLOWSHIP

Best Assistant Professor Award – 2018 Recognition for Outstanding Contribution in the field of Botany by PEARL – A Foundation for Educational Excellence. Bangalore, India.15th March 2020

M.PHIL, PG & UG RESEARCH PROJECTS GUIDED

- **External Examiner** for the Evaluation of **M.Phil Dissertation**, Thyagarajar College of Arts and Science 2018.- Roll No.17MB001 A. Rajkumar
- **External Examiner** for the Evaluation of **M.Phil Dissertation**, Thyagarajar College of Arts and Science 2018.- Roll No.17MB002 P.A. Soniya
- **External Examiner** for the Evaluation of **M.Phil Dissertation**, Thyagarajar College of Arts and Science 2018.- Roll No.17MB003 P.S. Chandhini

- Characterization of New & Novel Isolates of *Pseudomonas fluorescens* Strains As A Potential Biocontrol Agent Against *Cochliobolus Miyabeanus*. Dharshini.N (18PGB05), Huldah Pearlina Sarah.L (18PGB06), Madhi Roja. P.S (18PGB07)
- Characterization of *Colletotrichum graminicola* pathogen causing anthracnose in *Sorghum bicolor* and disease suppression through *Pseudomonas fluorescens* strains. Jenifer P.(17PGB01) Sethusurya U. (17PGB10)
- Isolation and Characterization of Leaf Spot Pathogen *Cercospora jasminicola* From *Jasminum Grandiflorum* And Its Suppression By *Pseudomonas fluorescens* Strains. Karpagam R (16PGB07), Rangeela Devi. S (16PGB13)
- Detection of Azulene - A Bio-Medical Compound Extracted From The Endophytic Bacteria Associated With Seaweed. Abirami.S (15PGB01), Ramalakshmi.S (15PGB12), Renganayaki.B (15PGB13)
- 16s Ribosomal RNA Sequencing Based Identification and Characterization of Seaweed Associated Halophilic Bacteria *Exiguobacterium Profundum*. Illakya .V (14PGB06)
- Characterization of *Pseudomonas Fluorescens* Strains Isolated From Marine Habitat. Selvam K (12PGB06)
- Characterization of Bio-Antagonistic Bacteria *Pseudomonas fluorescens* To Control Rice Pathogen *Rhizoctonia solani*. Jothipraba (11PGB01)
- Antagonistic Study and Characterization of *Pseudomonas fluorescens* Strain Isolated From The Outskirts of Madurai City For Its Efficiency Against *Rhizoctonia solani* Causing
- Sheath Blight Disease Of Rice. A.S.Alaguraja (10PGB06), B. Muraleeswaran (10PGB16)
- Screening Potential *Pseudomonas fluorescens* Strains From The Outskirts Of Madurai, Tamil Nadu, India
- Seed Germination Activity By *Pseudomonas fluoscence*. Vignesh Kumar.B (11BOT19)

MEMBER OF BOARD OF STUDIES /SUBJECT EXPERT

Department of Biotechnology, V.V.Vaniaperumal College For Women (Autonomous), Virudhunagar, Tamil Nadu. (2018).

EXAMINERSHIP (BIOLOGICAL SCIENCES)

- Madurai Kamaraj University, Madurai, Tamil Nadu
- Thiruvalluvar University, Tamil Nadu
- Madura College, Madurai, Tamil Nadu
- Lady Doak College, Madurai, Tamil Nadu
- Thiyagarajar College, Madurai, Tamil Nadu
- Sri Meenakshi Government Arts College For Women, Madurai, Tamil Nadu

SCIENCE OUTREACH PROGRAMS

- Service Learning Program - Project Leader, Solid waste management project of the American College campus through decomposition strategies.
- Conducted Dengue Awareness program for The American College students and faculty.
- Conducted Green Audit for The American College campus.
- Resource person for the Mushroom culture training program for school students, conducted by The American College, Madurai. 4th December 2016.
- Invited Speaker in the World Soil Day, Organized by the Green Club of The American College. Title: "Soil- The hot seat of our Planet" 5th December 2014.
- Chief Guest (Guest Speaker) World Food Day Celebration, Department of Bachelors In Computer Applications, The American College, Madurai. 16th October 2024
- J. Ebenezar Immanuel NCC "B" Certificate TN/SN/ 97-3741- The American College, Madurai September 1999

SUBJECT TAUGHT AT M.PHIL, PG & UG LEVEL

1	Skills In biology	6	Biochemistry
2	Phycology	7	Biotechnology
3	Microbiology	8	Nanotechnology
4	Plant Pathology	9	Cell Biology
5	Plant Tissue Culture	10	Environmental Biology

INTERNATIONAL EXPOSURE : VISITED SINGAPORE & MALAYSIA