

Faculty Profile

1. Name : Dr. J.Philip Robinson
2. Designation : Professor & Head
3. Date of Joining : 21.09.2007
4. Nature of Association : Regular
5. E mail : philiprobin81@gmail.com
6. Mobile no. : +91 94439 89963



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D (Botany)	St.Joseph's College, Bharathidasan University, Tiruchirappalli	2004-2008	Commented	-
M. Phil Molecular Systematics(PT)	The Rapinat Herbarium, St.Joseph's College Tiruchirappalli	2007	80%	First
M.Sc (Botany)	St.Joseph's College, Bharathidasan University Tiruchirappalli	2001-2003	(67.5%)	First
B.C.S (Bachelor of Christian Studies)	Tamil Nadu Theological Seminary, Madurai (Senate of Serampore College)	2015	Pursuing	
B.Sc* (Botany)	Bishop Heber College, Bharathidasan University Tiruchirappalli	1998-2001	(69.0%)	First

8. Teaching Experience:

S. No.	Name of the College	Position	Period From	To
1.	Anglade Institute of Natural History, Kodai kanal.	Lecturer	03.04.2006	31.08.2007
2.	K. S. Rangasamy College of Technology, Tiruchengode.	Lecturer	21. 09. 2007	31.08.2009
3.	K. S. Rangasamy College of Technology, Tiruchengode.	Assistant Professor	01.09.2009	31.08.2012
4.	K. S. Rangasamy College of Technology, Tiruchengode.	Associate Professor	01.09.2012	31.11.2016

5.	K. S. Rangasamy College of Technology, Tiruchengode.	Professor & Head	01.12.2016	Till Date
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8. Projects

M.Phil. 2006-2007 : Major field: Microbiology and Conservatory Biology

Title of the thesis:

Antimicrobial activity and *in vitro* propagation of *Launea sarmentosa* (Willd.) Sahltz-Bip.

Ph.D. 2003 -2006 : Major field: Conservation of Medicinal plants & *In vitro* plant Biology

Title of the thesis:

In vitro regeneration and Phytochemical studies on *Emilia zeylanica* C.B. Clarke (Asteraceae) - a valuable Medicinal Herb

9. Publications

Book Published:

1. Ponmurugan, P., **J. Philip Robinson** and B. Kalpana. (2011) Entrepreneurship in Biotechnology, Anuradha Publishing Company, Chennai- 600 061.(ISBN 978-81-907494-1-1)
2. Translated and Published a Book entitled “Pooulagin Osai” an environmental awareness Book written by Dr. Mathew Koshy Punnakadu and Dr Anne Koshy Punnakadu for Children, ISPCK New Delhi- 110006, (ISBN- 978-93-88945-16-5)

Papers published

1. John Britto, S., Senthilkumar, S., Sebastinraj, J., **Philip Robinson, J** and Vinothkumar, D. (2004) *In vitro* Seed germination, Protocorm Growth and Development of *Dendrobium aqueum* Lindl. RETELL. Vol: 5, No: 1.
2. Sebastinraj, J., John Britto, S., **Philip Robinson, J.**, Vinoth Kumar, D and Senthilkumar, S. (2006) *In vitro* seed germination and plantlet Regeneration of *Coelogyne mossiae* Rolfe. Journal of Biological Research. 5: 79-84.(IF=0.618)

3. **Philip Robinson, J.**, John Britto, S., Sebastinraj, J., Vinoth Kumar, D and Senthilkumar, S. (2006) Micropropagation of *Emilia zeylanica* C.B.Clarke, by using explants of Inflorescence rachis. Journal of Biological Research. 5: 79-84. (IF=0.618)
4. **Philip Robinson, J.**, John Britto S., and V. Balakrishnan (2009) Regeneration of plants through Somatic Embryogenesis in *Emilia zeylanica* C. B. Clarke a potential medicinal herb, Botany Research International, 2(1): 36- 41.
5. Balakrishnan, V., Ramlatha M., Ravichandran K. C., **Philip Robinson J.** (2009) Clonal Propagation of *Morus alba* L. through nodal and axillary bud explants, Botany Research International, 2(1): 42-49.
6. **Philip Robinson, J.**, V.Balakrishnan, J. Sebastinraj and S.John Britto.2009. Antimicrobial activity of *Alpinia calcarata* Rosc. And characterization of new α , β unsaturated carbonyl compound. Advances in Biological research 3(5-6) 185-187.
7. **Philip Robinson, J.**, S.John Britto and **V.Balakrishnan**2009. Micropropagation of *Costus speciosus* (Koem.ex.retz) Sm., an Antidiabetic Plant by Using Explants of Pseudostems, **Botany Research International** (2)3:182-185.
8. **Philip Robinson, J.**, V.Balakrishnan and S.John Britto.2009. In vitro seed germination and protocorm development of *Dendrobium aqueum* Lindl. A rare orchid species of Eastern Ghats of Tamilnadu. **Botany Research International**.(2)2:99-102.
9. Balakrishnan, V., K.C.Ravindran and **J. Philip Robinson**.2009. *In vitro* regeneration of *Impatiens campanulata* Weight. An Important Grass land plant. **Botany Research International** (2)2:123-130.
10. **Philip Robinson ,J.**, S.John Britto, V.Balakrishnan.2009. Regeneration of plants through somatic Embryogenesis in *Emilia zeylanica* C.B.Clarke a potential Medicinal Herb. **Botany Research International**,(2(1):36-41.
11. Balakrishnan, V., P.Prema, K.C.Ravindran and **J.Philip Robinson**.2009. Ethnobotanical studies among villagers from Dharapuram Taluk, Tamilnadu, India. **Global Journal of Pharmacology**, 3(1):8-14.
12. Balakrishnan, V., **J.Philip Robinson**, A.Manickasamy and K.C.Ravindran.2009. Ethnoveterinary among farmers from Dindigul District, Tamilnadu, India. **Global of Journal of Pharmacology**, (3)1:15-23.

13. Balakrishnan,V., K.C. Ravindran and **J. Philip Robinson**.2009.Effective regeneration of *Impatiens campanulata* Wight.a valuable medicinal plant from Western Ghats of Tamilnadu,India. **Global Journal of Pharmacology**,3(1):41-49.
14. Vinoth Kumar, D, S. John Britto., J. Sebastin raj., **J. Philip Robinson** and S. senthilkumar. 2009. Callus regeneration from stem explants of *Pseudarthra visida*(L.) Wight and Arn, - a vulnerable medicinal plant. African Journal of Biotechnology Vol 8(17)pp.4048-4051.
15. Srinivasan, T. R., Soumen Das., V. Balkrishnan., **J. Philip Robinson** and N. Kannan. 2009. Isolation and characterization of thermostable protease producing Bacteria from Tannery industry effluent. **Recent Research in science and Technology** 1(2):063-066.
16. **Philip Robinson. J.**, S. John Britto and S. Senthil Kumar. 2009. Comparative anatomical studies on *Emilia zeylanica* C. B. Clarke with in vitro regenerated plants. **Middle East Journal of scientific Research**: 4(3): 140-143.
17. **Philip Robinson, J.**, Srivardhini, S. and G. Sasikumar 2011 Somatic embryogenesis and plant regeneration from cotyledon tissue of *Aarachis hypogaea* L. **Research in Plant Biology**, (1)3: 21- 27.
18. Philip Robinson, J. and M. Maheswari 2013, *In vitro* multiple shoot induction from nodal explants of *Capsicum annum* L. of kandhari variety. **International Journal of Current Microbiology and Applied Sciences**, 2(6): 57-63.
19. **Philip Robinson, J.** and S. Saranya 2013, An Improved method for the *in vitro* propagation of *Solanum melongena* L. **International Journal of Current Microbiology and Applied Sciences**, 2(6): 299-306.
20. Motaro Nyasani Esther and **Philip Robinson, J.** 2013, *In vitro* clonal multiplication of *Cardiospermum halicacabum* L. **Research in Plant Biology**, 3(5): 14-20.
21. **Philip Robison, J** and Jayashree, R. 2013, Effective Degradation and Evaluation of Coconut Waste Compost, **Research in Plant Biology**, 3(4): 55-59.
22. Aishwarya, L. and Philip Robinson, J. 2013, *In vitro* regeneration of *Lycopersicum esculentum* Mill. **Research in Plant Biology**, 3(5): 01-05.
23. **J. Philip Robinson**, K. Nithya, R. Ramya, B. Karthikbalan, K. Kripa, 2014, Effect of Vesicular Arbuscular Mycorrhiza *Glomus faciculatum* on the growth and physiological response in *Sesamum indicum* L. *International Letters of Natural Sciences*, 18:47-62.

24. V. Balamurugan, V. Balakrishnan, **J. Philip Robinson** and M. Ramakrishnan, 2014 Anticancer and apoptosis-inducing effects of *Moringa concanensis* using hepG2 cell lines, Bangladesh Journal of Pharmacology, 9:604-609. (IF-0.514)
25. Sruthi Prema Sunil, **J. Philip Robinson**, S. S. Karthik Balan, M. anandhaPrabakaran and V. Balakrishnan, 2015, In vitro regeneration and induction of multiple shooting in *Cicer arietinum* L. using cotyledonary nodal explants, African Journal of Biotechnology, 14(13): 1129- 1138.
26. Sebastinraj, J. John Britto, S., Vinoth Kumar, D., J. Philip Robinson. and P. Thangavel (2014) Rapid propagation of *Vanda testacea* (Lindl.) Rchb.F.- A highly Medicinal value Epiphytic orchid from India, World Journal of Agricultural Sciences 10(5): 223- 230.
27. Vijayaram, S. Philip Robinson, J. and S. Kannan, 2017 Synthesis of Antibacterial and Anticancer substances by *Bacillus* Sp. PRV3 and *Bacillus* Sp. PRV 23, an Intestinal probiotics of Indian Fresh Water Fish, International Journal Pharmaceutical Sciences Review and Research, 43(2): 208-219.
28. Philip Robinson Jayachandran , Jyoti Prasad Kakati , Sebastinraj Joseph and Suriya Kumaresan In vitro seed germination of *Cymbidium aloifolium* (L.) Sw., a potential medicinal Orchid from Eastern Ghats of Tamil Nadu, India Journal of Plant Biotechnology, J. Plant Biotechnol (2017) 44:343–348.
 - a. Jayachandran Philip robinson, Kumaresan Suriya, Ramasamy Subbbaiya, Ponnusamy Ponnurugan “Antioxidant and cytotoxic activity of *Tecoma stans* against lung cancer cell line (A549)”, Brazilian Journal of Pharmaceutical Sciences, 2017; 53(3) ; 1-5.

Book Articles:

1. John Britto, S., Senthilkumar, S., Vinothkumar, D., **Philip Robinson, J.**, and Sebastinraj, J. (2004) Phenological and Cytological Related Molecular Approaches. Molecular Systematics Editor S.J Britto. 185-201
2. John Britto, S., Senthilkumar, S., Vinothkumar, D., Sebastinraj, J and **Philip Robinson, J.** (2004) New strategies on molecular biology applied to Microbial systematics. Molecular Systematics Editor S.J Britto. 202- 218.
3. **Philip Robinson, J.**, Pratibha, P., John Britto, S. (2009) Somatic Embryogenesis and plant regeneration of *Emilia zeylanica* C. B. Clarke, a rare medicinal herb. Guidelines for Entrepreneurship development programme to biotechnology graduates, Excel India publishers, New Delhi- 110 067; 54- 59. (ISBN 93-80043-18-X).
4. **Philip Robinson, J.** (2011) Choice based Credit System in Higher Education. Industry Institute Interaction in Biotechnology, MacMillan Publishers India Ltd., New Delhi- 110 002. (ISBN: 978-93505- 9057-7).
5. **Philip Robinson, J.** and Jyothi Prasad Kakati (2012) *In vitro* Seed germination and Protocorm development of *Cymbidium aloifolium*(L.) Sw. from Eastern Ghats of Tamil Nadu, Current Scenario in Biotechnology Bloomsbury Publishing India Pvt. Ltd., New Delhi-110 015 (ISBN 978-93-82563-27-3).

6. Ramya, S., Nithya, K., and **J. Philip Robinson**, (2012) Infectivity and effectiveness of VAM on Sesame (*Sesame indicum*) and Sorghum (*Sorghum bicolor*) Current Scenario in Biotechnology Bloomsbury Publishing India Pvt. Ltd., New Delhi-110 015 (ISBN 978-93-82563-27-3).

Presented Papers in International Conferences:

1. J. Philip Robinson, V. Balakrishnan, S. John Britto, *In vitro* culture and reintroduction of *Emilia zeylanica* C. B. Clarke a valuable medicinal herb from Palani hills of Tamil Nadu, India, Asian Plant Science Conference -organized by Society for applied Biotechnology and Biotechnology society of Nepal, Bhairahawa, Nepal on 01st to 04th November 2014.
2. V. Balakrishnan, M. Anandha Prabhakaran and J. Philip Robinson, *In vitro* propagation of *Cassia alata* L. and its secondary metabolites, Asian Plant Science Conference -organized by Society for applied Biotechnology and Biotechnology society of Nepal, Bhairahawa, Nepal on 01st to 04th November 2014.
3. Philip Robinson, J., C. Govindaraj., Suriya K., (2019) Effect of physiological and morphological response of *Musa accuminata* under stress condition with different salinity levels, 3rd International conference on Interdisciplinary approach in science and Technology (ICIAST 2019), National University of Singapore (NUS) Singapore 25-27 May 2019.

Paper presented in National level seminars:

1. **Philip Robinson, J.**, Milton Prabhakaran D, and Kalavathy. S. Aquatic Macrophytes in Tiruchirappalli- A systematic study. Seminar cum Workshop on Jeopardized Environment and its protection. Feb. 16-17, 2001. J. J. College, Pudukottai- 622 404.
2. Sebastinraj, J., John Britto, S., **Philip Robinson, J.**, Vinothkumar, D and Senthilkumar. Effects of Different hormone Mediated plant Regeneration from *Opeculina turpethum* (L.) silva manso. National Symposium on Microbial and Plant Biotechnology. Feb. 17-19, 2005. Loyola College (Autonomous) Chennai – 600 034.
3. Vinothkumar, D., John Britto, S., Sebastinraj, J., **Philip Robinson, J** and Senthilkumar, S. Phytosociological Studies of Sacred Groves in Pudukottai District. National Symposium on Microbial and Plant Biotechnology. Feb. 17-19, 2005. Loyola College (Autonomous) Chennai – 600 034.
4. Vinothkumar, D., John Britto, S., Sebastinraj, J., **Philip Robinson, J** and Senthilkumar, S. Biodiversity Characterization of Classes and Landscape Level Using Remote Sensing and GIS study of Karandamalai Hill, Eastern Ghats of Tamil Nadu. National Seminar on Bioprospecting of Bioresources, 8 – 10 Dec'2005. St. Xavier's College (Autonomous) Palayamkottai, Tirunelveli – 627 002.
5. Vinothkumar, D., John Britto, S., **Philip Robinson, J.**, Sebastinraj, J and Senthilkumar. Regeneration of plants from Cotyledonary Nodal explants of *Pseudarthria viscida* (L.) Wight & Arn. – A vulnerable Medicinal Plant. 5th National Level Biological Congress on Biotechnology: A global prospective. Jan'

- 6-7-2006. Muthayammal College of Arts & Science, Rasipuram, Namakkal – 637 408.
6. **Philip Robinson, J.**, John Britto, S., Vinothkumar, D., Sebastinraj, J and Senthilkumar, S. *In vitro* Sensitivity of a few medicinal plants – A comparative Approach. UGC National Seminar on Present Scenario in Plant Science Research. Feb' 19-20-2005. Annamalai University, Annamalainagar, Chidambaram–608 002.
 7. **Philip Robinson, J.**, John Britto, S., Sebastinraj, J., Vinothkumar, D and Senthilkumar, S. Micropropagation of *Emilia zylanica* C.B. Clarke. – a rare plant of Compositae through Meristem tip and Nodal explants. Abstract of papers presented in National Seminar on Advances in Plant Sciences. Feb' 24-25-2006. Bharathidasan University – 620 024.
 8. Balakrishnan, V., D. Kousalya, **J. Philip Robinson** and K. C. Ravindran. Influence of halophytic compost with *Bacillus megaterium* var. *phosphaticum* on soil microbial population. National level Technical Symposium on Emerging Trends In Biotechnology, organized by Department of Biotechnology, Bharathidasan College of Engineering and Technology, Trichirappalli on 20th February 2008.
 9. Balakrishnan, V., **J. Philip Robinson** P. Kathirvel and K. C. Ravindran. Influence of Ultraviolet -B radiation on growth and biochemical characteristics of *Vigna unguiculata* L. National Symposium on Modern Trends in Healthcare biotechnology and Environment, organized by Department of Biosciences, Mahendra College of Arts and Science, Mallasamudaram, Namakkal from 22nd -24th February, 2008.
 10. **Philip Robinson, J.**, V. Balakrishnan, N. Kannan, and S. John Britto. Effect of phytohormones on induction of somatic embryos in *Emillia zeylanica*- a valuable medicinal plant from Western Ghats of Tamilnadu. National Symposium on Modern Trends in Healthcare biotechnology and Environment, organized by Department of Biosciences, Mahendra College of Arts and Science, Mallasamudaram, Namakkal from 22nd -24th February, 2008.
 11. Ramlatha, M., K. Brinda, B. Subanandhini, V. Balakrishnan and **J. Philip Robinson**. *In vitro* regeneration and phytochemical analysis on *Cariospermum halicacabum* L. National Symposium on Modern Trends in Healthcare biotechnology and Environment, organized by Department of Biosciences, Mahendra College of Arts and Science, Mallasamudaram, Namakkal from 22nd -24th February, 2008.
 12. Balakrishnan, V., S. Jegan, **J. Philip Robinson** and K.C. Ravindran. Increase the micronutrients status by using halophytic compost. International Conference on Biotechnology, VIT University, Vellore from February 6th to 8th 2008.
 13. **Philip Robinson J.**, Pratibha P., Balakrishnan V. and S. John Britto S. *In vitro* and *in vivo* studies on three Emilia species (Asteraceae) from western Ghats of Tamil Nadu. National seminar on emerging issues in Biodiversity Management on 8-9 Jan 2009.
 14. Balakrishnan V., **Philip Robinson J.**, Sundari T., and K. C. Ravichandran K. C. Effect of Halophytic Compost on Microbial Diversity of coastal agriculture land of

Caddalore District. National seminar on emerging issues in Biodiversity Management on 8-9 Jan 2009.

15. **Philip Robinson J.**, Pratibha P., Balakrishnan V. and S. John Britto S. *In vitro* and *in vivo* studies on three Emilia species(Asteraceae) from western Ghats of Tamil Nadu. National seminar on emerging issues in Biodiversity Management on 8-9 Jan 2009.
16. Balakrishnan V., **Philip Robinson J.**, Sundari T., and K. C. Ravichandran K. C. Effect of Halophytic Compost on Microbial Diversity of costal agriculture land of Caddalore District. National seminar on emerging issues in Biodiversity Management on 8-9 Jan 2009.
17. **Philip Robinson J.**, Pratibha P., Balakrishnan V., Ponmurugan P and S. John Britto. Wild Aster diversity and its conservation in western ghats of Tamil Nadu. Global warming on Biodiversity of insects: management and Conservation. Department of Zoology, School of lifesciences, Bharathiyar University, Coimbatore9-12 February 2009.
18. Balakrishnan V., **Philip Robinson J.**, Ponmurugan P., Sundari T and K. C. Ravichandran. Effect of UV radiation on Antioxidant production and its defence mechanism in Vigna unguiculata. Global warming on Biodiversity of insects: management and Conservation. Department of Zoology, School of lifesciences, Bharathiyar University, Coimbatore9-12 February 2009.
19. **Philip Robinson J.**, K. Ramya., V. Balakrishnan and T. R. Srinivasan. micropropagation of Costus speciosus Sm., an antidiabetic plant by using explants of pseudostems. National conference on Medical Biotechnology and Clinical Research, Sri Visvesvariaya Institute of Technology and M. S. Ramiah Institute of Technology, Bangalore. On Oct 2,3-2009.
20. Jayaprakash, K., S. Karuppusamy, S., **J. Philip Robinson** and V. Balakrishnan. In vitro Conservation and Regeneration of *Impatiens campanulata* Wight. National conference on Biodiversity: Richness, Uses, threats and Conservation. Organized by Gandhigram Rural Institute- Deemed University on 19-21 January 2011.
21. **Philip Robinson, J.**, V. Balakrishnan and S. John Britto., *In Vitro* Somatic Embryogenesis and Plant regeneration from stem explants of Emilia zeylanica C. B. Clarke. a valuable medicinal plant. National conference on Biodiversity: Richness, Uses, threats and Conservation. Organized by Gandhigram Rural Institute- Deemed University on 19-21 January 2011.
22. Ponmurugan. P., Jyothi Prasad Kakati., R. Subbaiya and **J. Philip Robinson**. Production of Silver and Gold Nanoparticles using Trichoderma atroviridi for the Biological control of Rhizome rot disease in Turmeric plants, IUPAC- sponsored International Conference of Nanomaterials and Nanotechnology, Organized by K. S. Rangasamy College of Technology, Tiruchengode on 13- 16 December 2010.
23. **Philip Robinson, J.**, P. Ponmurugan and V. Balakrishana, Elimination of bacterial contamination in tissue culture of Emilia zeylanica C. B. Clarke using Silver Nano Particle, IUPAC- sponsored International Conference of Nanomaterials and Nanotechnology, Organized by K. S. Rangasamy College of Technology, Tiruchengode on 13- 16 December 2010.
24. Shrivardhini S., Sasikumar, G. and **J. Philip Robinson**, *In vitro* somatic Embryogenesis and Plant regeneration from immature cotyledon tissue of *Arachis hypogaea* L., National conference on emerging Trends in Biotechnology,

Organized by Acharya Nagarjuna Univerisity, Guntoor- 522 510, on 24-26 September 2011.

25. Jayashree R. and **J. Philip Robinson**, Efficient degradation of Coir pith for Agricultural Waste Management, National Level Student Technical Symposium and Project Design Contest, organized by Bannari Amman Institute of Technology, Sathiyamangalam on 21-23 January 2013.
26. **Philip Robinson, J.** and S. John Britto, *In vitro* regeneration of Emilia zeylanica C. B. Clarke (Asteracear)- a valuable medicinal herb from Western ghats of Tamil nadu, Second Biodiversity Congress organized by Centre for Ecological sciences, Iisc, Bangalore, FRLHT and Govt. of Karnataka on 9-11 December 2012.

27. Revathi, K. and J. Philip Robinson, Biological gene transformation in *Cissus quadrangularis* for enhanced sterol production, National seminar in Application of current techniques in biological science, on 5th November 2013 at Department of Microbiology, Sree Amman Arts & Science College, Chittode, Erode- 638 102.

28. Pushpalatha, R. and J. Philip Robinson, Agrobacterium mediated gene transformation in *Solanum denticulatum* Blume. National seminar in Application of current techniques in biological science, on 5th November 2013 at Department of Microbiology, Sree Amman Arts & Science College, Chittode, Erode- 638 102.
29. Suganya, M. and J. Philip Robinson, Biological gene transformation approach in Cotton, National seminar in Application of current techniques in biological science, on 5th November 2013 at Department of Microbiology, Sree Amman Arts & Science College, Chittode, Erode- 638 102.

(Best Poster Award)

30. Gopinath, P., J. Philip Robinson, and P.Saravanakumar, In vitro seed germination of cymbidium aloifolium (L.). Sw., a potential medicinal Orchid from Eastern ghats of Tamil Nadu, National Seminar on Biodiversity conservation: Status, future and way forward organized by K. S. Rangasamy College of Technology, Tiruchengode on 19-20 July 2014.

10. Fellowship/ Awards received:

Young Scientist award

1. Received Young Scientist Award from Tamil Nadu state council of science and Technology Chennai, for the year 2008- 2009. TNSCST/ YSFS/ VR 2008-2009/595/ 12.2.09
2. Received consultancy grant Rs. 25,000/- for project entitled “Study of anticancerous property of wild type Lichens collected from Palani Hills of

Tamil Nadu” from Kodai Darwin Institute of Research and Technology, Kodaikanal, Tamil Nadu in the year 2013.

3. Received Fellow award from Nature Science Foundation society for the contribution and academic excellence in Plant Biotechnology during the year 2017-2018.
4. Received Best Faculty award form Nature Science Foundation society during the Annual Meeting of the Society for the year 2018-2019.

11. Countries Visited:

1. Visited **Nepal** to attend Asian Plant Science Conference -organized by Society for applied Biotechnology and Biotechnology society of Nepal, Bhairahawa, Nepal on 01st to 04th November 2014.
2. Visited **Singapore** to Present a paper entitled Effect of physiological and morphological respoce of Musa accuminata under stress condition with different salinity levels duting 3rd International conference of interdisciplinary approach in science and technology(ICIAST) National University of Singapore (NUS) Singapore 25th to 27th May 2019.

12. Patent/ Copy right Filed:

1. Received copyright for the manual entitled “ Manual on Laboratory techniques in Fermentation Technology” L-82931/2019, Ayyapadasan G., S. rubavathi, P. Deepak Kumar, J. Philip Robinson.

13. Editorial Board Member:

Technical Editor for the journals of:

- Journal of Plant Science
- Journal of Biotechnology
- National academy Science Letters, Springer Publications

14. Member in Professional bodies:

Indian Science Congress Association, Kolkata

Society for Biotechnology, Cochin

IEE Engineering Medicinæ and Biology Society, Newjersey, USA

Society for Scientific Values, V. P. Chest Institute University of Delhi, Delhi

Nature Science Foundation, Coimbatore

15. Reorganization as Research Supervisor

1. Division of Biological Sciences, Anna University, Chennai.

List of Student Completed Ph.D Work under my supervision

S. No.	Name of the student	Reg. No.	Year of Registration	Broad area of the Work	Status
1.	K. Suriya	1116011 2051	Jan 2011	Drug Eluting stents for Cardio Vascular Diseases	Awarded

16. Details of DNA Sequence submitted at NCBI, Maryland, USA.

S.No	Name of the organisms	Authors	Reference Number	Remarks
1.	<i>Streptomyces enissocaesilis</i>	M Nithya, P. Ponmurugan, K C. Thirumurthy, B.M. Gnanamangai , S Rubavathi, S Naresh, R. Mohanraj, T Heela Prabha, N Karthik, J Philip Robinson and K Arun Prasath	MK178496	Published
2.	<i>Bacillus siralis</i>	R Pavithra, B. M. Gnanamangai , S. Saranya, T Heela Prabha, S Naresh, R. Mohanraj, J Philip Robinson and P. Pomurugan	MK178497	Published
3.	<i>Nocardiopsis alba</i>	B. M. Gnanamangai , S Ragamathi, R. Mohanraj, S Kavitha, T Heela Prabha, M Suganya, S Naresh, J Philip Robinson and P. Ponmurugan	MK168593	Published
4.	<i>Streptomyces mutabilis</i>	M Nithya, P. Ponmurugan, K C. Thirumurthy, B.M. Gnanamangai , S Rubavathi, S Naresh, R. Mohanraj, T Heela Prabha, N Karthik, J Philip Robinson and K Arun Prasath	MK168592	Published
5.	<i>Streptomyces enissocaesilis</i>	B. M. Gnanamangai , T. Heela Prabha, P. Ponmurugan, J. Philip Robinson	MK101049	Published

17. List of Completed and Ongoing Funded projects (during the last three years):

S. No.	Name of the funding agency	Purpose	Reference	Amount received	Status
1.	CSIR, New Delhi	Entrepreneurship Development Programme for Biotechnology graduates 2011	SYM 5885/10 HRD dt 10.11.2010	Rs. 40,000/-	-
2.	DRDO, New Delhi		ERIP/ER/10-11/C/ 362/M-01 dr. 24.03.11	Rs. 35,000/-	-
3.	Department of Atomic Energy, Mumbai		2010/17/37/222 -BRNS/2656 dt. 17.03.2011	Rs.50,000/-	-
4.	Ministry of Earth Science, New Delhi		MoES/SSWC/7 9/2010-PC-V dt. 24.03.2011	Rs. 40,000/-	-
5.	DST, New Delhi		SR/SS/1302/20	Rs. 50,000/-	-

			10-11 dt. 04.07.2011		
6.	Plant Variety Protection Authority of India, New Delhi	Awareness Programme for rural farmers of Tamil Nadu	PVP/ AW/0043 dt. 12.12.2014	Rs. 1,60,000/-	-
7.	Department of Biotechnology	Popularization Series Lecture Programme	DBT.PLP/2016 dt 17.05.2016	Rs. 3,00,000/-	-
8.	Plant Variety Protection Authority of India, New Delhi	Awareness Programme for rural farmers of Tamil Nadu	PPV&FRA/RE G-III/5-4/2016 DT. 27.03.2017	Rs.80,000/-	-
9.	DST- NIMAT Project Gujarat	Entrepreneurship Awareness Camp (EAC)	EDII/DST-NIMAT/17-18/237 DT.26/04/2017	Rs. 60,000/-	Completed
10.	SERB, New Delhi	National workshop on “Recent trends and Future perspectives of Animal Cell Culture Techniques”	SSY/2017/0007 38 Dated 04.10.2017	Rs.1,00,000/-	-
11.	AICTE-MODROBS, New Delhi	Large scale production of antibiotics through modernization of bioreactors and accessories in the Bioprocess Engineering and Technology Laboratory	No.9-83/ RIFD/ MODROB/ Policy-1/ 2016-17 Dated 08th September 2017	Rs.14,00,000/-	Ongoing
12.	DBT, New Delhi.	Star College Scheme	25.01.2018	Rs.25,00,000/-	Ongoing

18. Personal Details

Father's Name : M. Jayachandran

Present Address : J. Philip Robinson

Associate Professor
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