

## Dr. N. YOGANANTH, M.Sc., M.Phil., Ph.D

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### Educational qualifications

▪ Awarded **Doctor of Philosophy in Microbiology (Ph.D) (March 2011)** from the JJ College of Arts and Science, Bharathidasan University, Tiruchirappalli, TN, India.

**Research Topic:** *In vivo* and *in vitro* culture studies on kaempferol production, pharmacological and antimicrobial activities of *Dregea volubilis* Benth.

▪ Awarded **Master of Philosophy in Marine Biology (M.Phil) (2006)** from the CAS in Marine Biology, Annamalai University, Parangipettai, Tamil Nadu, India

**Dissertation Topic:** Dye degrading mycoflora from industrial effluents.

▪ Awarded **Master of Science in Applied Microbiology (M.Sc) (2004)** from the Sengunthar Arts and Science College, Periyar University, Salem, Tamil Nadu, India.

**Dissertation Topic:** Effective Biosurfactants production by *Pseudomonas aeruginosa* and its test efficacy.

▪ Awarded **Bachelor of Science in Microbiology (B.Sc) (2002)** from JJ College of Arts and Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

### Work Experience

▪ Working as an **Assistant Professor, PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai - 119**, from March 2012 -till.

▪ Worked as a Lecturer in Ragavendra Medical Institute of Electropathy, Erode, Tamil Nadu, India from September 2009 to January 2012.

▪ Worked as a Quality controller and Microbiologist in Sri Lakshmi Aquafarms, Sriperumbathur, Thiruvallur, Tamil Nadu, India - May2004 - March2005.

### Research Experience

▪ Worked as a **Junior research fellow (JRF)** in "Sethu Samudram Ship Channel Project - Environmental Impact Monitoring Programme." from October 2005 - December 2006 at field laboratory by CAS in Marine Biology, Annamalai University, Chidambaram, Tamil Nadu, India sponsored by the Dredging Corporation of India.

▪ Worked as a research scholar from 2007-2011 in PG and Research Department of Microbiology, JJ College of Arts and Science, Pudukkottai, Tamil Nadu, India

### Research Guidance

#### Ph.D Guideship:

**University of Madras** : Ongoing - 04 students

**Bharathiar University** : Completed - 03, ongoing - 01

**MAHER Institute (Co-Supervisor)** : Completed - 01

### Summary of Research, patent and Review Article published\*

#### Book publication

Books : 06

Book chapter : 15

#### Research Articles in Journal

Total No. of publications : 110

No. Scopus publications : 19

No. of WOS publications : 23

No. of UGCpublications : 35

Citation in Google Scholar : 769

H index in Google Scholar : 14

Cumulative impact factor : 36

### Patent / Research Articles in Conference proceedings

No. of patent : 01  
National publication : 14  
International publication : 03

### Abstracts in Conference proceedings

National publication : 31  
International publication : 07

(\*The detailed publications lists are given in Annexure -1)

**Google scholar ID** : <https://scholar.google.co.in/citations?hl=en&user=6aiE6bAAAAAJ>  
**Orcid ID** : <https://orcid.org/0000-0003-3160-9428>  
**Scopus Author ID** : 23981811000  
**WoS Researcher ID** : <https://publons.com/researcher/1804968/yogananth-nagarajan/>  
**Vidwan ID** : <https://vidwan.inflibnet.ac.in/profile/294862>  
**ResearchGate ID** : <https://www.researchgate.net/profile/Yogananth-Nagarajan>  
**AD Scientific index ID** : 544425 - <https://www.adscientificindex.com/scientist/yogananth-nagarajan/544425>  
**Linkedin ID** : [www.linkedin.com/in/yogananth-nagarajan-96534043](http://www.linkedin.com/in/yogananth-nagarajan-96534043)

### Refresher course/Conference/Workshop attended

International Conference : 08  
National Conference : 26  
Faculty development programme : 10  
Refresher course : 03  
Workshop : 10

(\*The detailed participation lists are given in Annexure -2)

### Rank / Grant / Sponsorship received

- **Received a Rank** for Indian Scientist certified by World Scientist and University Ranking 2025, AD Scientific Index.
- Received a sponsorship amount USD 100 from LiveDNA for Poster presentation in Virtual ES Conference 2022 held at Pakistan.
- Received a sponsorship amount USD 100 from LiveDNA for Poster presentation in Virtual ACSTM Conference 2021 held at Dubai.

### Awards received

- Received a **Best Teacher Award** from Mohamed Sathak Trust on September, 2023.
- Received a **Best Researcher Award** from Mohamed Sathak Trust on September, 2023.
- Received a **Dr. Radhakrishnan Best Teacher Award** from National conference and Award ceremony on innovations in science, agriculture and adaptation to climate changes on 22nd November, 2022, held at Pushkaram College of Agricultural Sciences, Pudukkottai
- Received a **M.S. Swaminathan Research Excellence Award** from National conference and Award ceremony on innovations in science, agriculture and adaptation to climate changes on 28th April, 2021, held at Pushkaram College of Agricultural Sciences, Pudukkottai.

### Recognition

- Served as a **Board of studies member** for Biotechnology Department, University of Madras from 2022-2023
- Served as an **Academic audit member** for Biotechnology department, DG Vaisanav College, Arumbakkam, Chennai on 2020-2021.
- Served as a **Board of studies member** for Marine biotechnology department, AMET University, Kanathur, Chennai from 2016-2018.
- Served as a **Book proof reader** and language correction of Zoology, Tamil Nadu Open University, Chennai from 2021-2023.
- Served as **passing board member** for Biotechnology - central valuation, Madras University, Chennai from 2019-till

- Served as **passing board member** for PG Biotechnology – central valuation, Sankara Arts and Science College, Kanchipuram from 2013-till.
- Served as **passing board member** for PG Biotechnology – central valuation, DG Vaisanav College, Chennai from 2013-till
- Served as **Question paper scrutinizer** for Biotechnology, Sri Sankara Arts and Science College, Kanchipuram from 2019 - till
- Served as **Question paper scrutinizer** for Biotechnology, DG Vaisanav College, Arumbakkam, Chennai from 2016 – till.
- Served as Question paper setter for Biotechnology in AMET University-Chennai, Guru Nanak College-Chennai, SriKrishna Arts and Science College-Coimbatore, Nanda Arts and Science College – Erode, Sathyabama University-Chennai, Sri Sankara Arts and Science College- Kanchipuram, Periyar University-Salem, Tiruvalluvar University
- Served as **Theory paper evaluator** for Biotechnology in University of Madras-Chennai, AMET University-Chennai, Guru Nanak College-Chennai, Sathyabama University-Chennai, Sri Sankara Arts and Science College- Kanchipuram, SRM University-Chennai, MGR Institute of Higher education-Chennai.
- Served as an **external examiner for PhD Public viva-voce examination**, Department of Biotechnology, Dr. MGR Educational and Research Institute, Chennai and Department of Microbiology, Meenakshi Academy of Higher Education and Research, Chennai.
- Served as an **examiner – Ph.D. Thesis evaluation**, Department of Biotechnology, Dr. MGR Educational and Research Institute, Chennai and Department of Microbiology, Meenakshi Academy of Higher Education and Research, Chennai.
- Served as an **external examiner for UG, PG practical examination**, Biotechnology department in Bharath University-Chennai, Saveetha Engineering College-Chennai, AMET University-Chennai, DG Vaisanav College-Chennai, Hindustan College of Arts and Science-Chennai, Guru Nanak College-Chennai, SRM Arts and Science College-Chennai, Sri Sankara Arts and Science College- Kanchipuram.

#### Conference and Workshop organized

- Served as an **Organizing committee member** in 2<sup>nd</sup> International Conference on Unraveling Therapeutic Resources from Nature’s Treasure organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2023).
- Served as an **Organizing committee member** in Insights into modern therapeutic approaches to combat Human diseases organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2023).
- Served as an **Organizing committee member** in International Conference on Unraveling Therapeutic Resources from Nature’s Treasure organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2022).
- Served as a **Co-Organizer** in International Workshop on “Artificial Intelligence in Bioinformatics & Drug Discovery organized by PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai and Wisecorner Research Institute, Chennai (2019).
- Served as an **Organizing committee member** in workshop on Rehabilitation and Ecological benefits of Mangrove Plantation Muttukadu backwater, Chennai organized by PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai (2019).
- Served as an **Organizing committee member** in Workshop on mushroom cultivation and biofertilizer production organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2019).
- Served as an **Organizing committee member** in National Conference on Emerging Trends in Management of Infectious Diseases and Public Health-2016 organized by PG and Research

Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai (2016).

- Served as an **Organizing committee member** in National conference on Natural products as therapeutics, medical microbiology, nanobiology and system biology: current scenario and emerging trends organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2014)

#### Chairperson/Guest lecture

- Acted as a **Judge** in 10<sup>th</sup> star summit organized by Saveetha Dental College and Hospitals, Chennai (2023).
- Acted as a **Chairperson** in 13<sup>th</sup> National Conference on novel biotechnological approach to the society (SyMBioS'20) organized by Department of Biotechnology, SNMV College of Arts and Science, Coimbatore (2020).
- Acted as a **Chairperson** in National conference on Impact of Biotechnology in improving human health organized by Department of Biotechnology, SRM arts and Science College, Chennai (2019).
- Acted as a **Chairperson** in National conference on Biotechnological advances in Biomedical, Environmental and Agricultural technology organized by Department of Biotechnology, Hindustan College, Kelambakkam, Chennai (2019).
- Acted as a **Resource person** in TNSCST and Department of Higher Education, Govt of Tamilnadu sponsored Young Students Scientist Programme - 2019 organized by School of life sciences, Mohamed Sathak College of Arts and Science, Chennai (2019)
- Acted as a **Chairperson** in Two days National Conference on Modern Biological Sciences organized by Department of Biotechnology, SNMV College of Arts and Science, Coimbatore (2019).
- Acted as a **Resource person** for the Vettukku oru vignani (Science & Maths Exhibition) Sponsored by Puthiya thalaimuarai television held on 04<sup>th</sup> Nov, 2018 at GTA Vidya Mandir, Neelangarai, Chennai.
- Acted as a **Resource person** for the technical session in the 9<sup>th</sup> National conference on Modern Biological Sciences in, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore - 641050, on 12<sup>th</sup> Feb 2016.
- Acted as a **Judge** for the Vigyana Pradarshini (Science & Maths Exhibition) held on 07.10.2015 at Dr.N.K.V.V.Jr.College, Korattur, Chennai.
- Acted as a **Chairperson** in Students Science Awareness Training Programme, held at Department of Microbiology, Kanchi Shri Krishna College of Arts and Science, Kilambi, Kanchipuram - 631551, Tamil Nadu.
- Acted as a **Resource person** in National Level Conference on Advances in Marine Bio Science & Technology Current Status, Prospects & Challenges on 14<sup>th</sup> March, 2014, Department of Biotechnology, AMET University, Chennai.

#### Membership in professional bodies

**Life member:** Indian Association of Applied Microbiologists (LM - 315), Asian Council of Science Editors (91.2037), Asia-Pacific Chemical, Biological & Environmental, Engineering Society (202145), International Society for Applied Life Sciences (ISALS) (2015 - 18031982)

**Editor-in-chief:** Research Journal of Medicinal Plants

**Associate Editor:** Asian Journal of Biological Sciences, Research Journal of Microbiology, Journal of Applied Sciences, Singapore Journal of Scientific Research, International Journal of advanced research in biological sciences.

**Advisory board Member:** Journal of Current Research in Chemistry and Pharmaceutical Sciences, International Journal of advanced multidisciplinary research.

**Reviewer :** International Journal of Pharma and Bio Sciences, Journal of Plant Sciences, Asian Journal of Advanced Research and Reports, Asian Journal of Applied Chemistry, Research, Asian Journal of Applied Chemistry Research, Asian Journal of Physical and Chemical Sciences, Chemical Science International Journal, European Journal of Medicinal Plants, International Journal of Environment and Climate Change, International Journal of Plant & Soil Science, Journal of advances in biology and biotechnology, Journal of Advances in Microbiology, Journal of Experimental Agriculture International, Journal of International Research in Medical and Pharmaceutical Sciences, Journal of International Research in Medical and Pharmaceutical Sciences, Journal of Materials Science Research and Reviews, Journal of Pharmaceutical Research International etc.,

#### Academic performance in the Institution

- Assistant HOD - Biotechnology Dept
- Convener - Scholarship cell
- Member - NAAC steering committee
- Member - Calendar committee
- Member - Entrepreneur cell
- Member - Discipline committee

#### References

**Dr. S. PALANIVEL**

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Govt Arts College,  
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**Dr. S. JAYALAKSHMI**

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E-mail: [jayacas@gmail.com](mailto:jayacas@gmail.com)

## ANNEXURE -1: LIST OF PUBLICATIONS

### 1. Book published

1. Aysha OS, Syed Ali M, Anuradha V, **Yogananth N** and Rajan R. 2023. 2<sup>nd</sup> International Conference on Unraveling Therapeutic Resources from Nature's Treasure, 978-93-94638-98-3. Darshan publisher
2. **Yogananth N**, Sheeba T. Sivakumar R. Bhakayaraj, 2022. Bio-entrepreneurship in Biosciences-Recent Approaches, ISBN; 978-93-93942-38-8. Darshan publisher
3. **Yogananth N**, R. Bhakayaraj and K. Vanmathiselvi. 2021. Current prospective in bioscience research, ISBN: 978-81-952529-0-9. Tanuj International Publisher
4. **Yogananth N**, 2020. Recent trends in modern microbial technology, ISBN: 978-93-86739-42-1. Darshan publisher
5. Syed Ali M., V. Anuradha and **Yogananth N**, 2016. Zebra fish - A model organism for regeneration studies, ISBN: 978-81-932645-3-9. Darshan publisher.
6. Syed Ali M, Nasreen Najeeb, **Yogananth N**, Rajan R, Kalidoss A, Selvakumar D, & Durga Devi S. 2016. Proceedings of National Conference on ETMIDPH-2016, 978-81-931973-6-3, Darshan publisher

### 2. Book chapter published

1. **Yogananth N**, R Selvi, M Syed Ali, Velmurugan D, Anantha Krishnan D, R Muthezhilan, 2024. Evaluation of Anti-aflatoxicosis Potential of Solanum americanum Mill. – An Important Traditional Medicinal Plant, *Herbs for Disease Prevention and Treatment - Bentham Science Publishers* – PP 125-147, ISBN: 978-981-5274-89-9.
2. **Yogananth N**, 2024. Nanotechnology in Cancer Diagnosis, *Biotechnology at the nanoscale: Applications in cancer and bioremediation*, pp 32. ISBN: 978-81-976031-0-5.
3. **Yogananth N**, Anuradha V and Shanmugarathinam, 2024. A Introduction to Biointelligence, *A basics of AI in biological sciences – Vol – II*, pp 3-12, ISBN: 978-81-976031-7-4.
4. Syed Ali M, Anuradha V, **Yogananth N**, 2024. Robotics in Biological Research, *A basics of AI in biological sciences – Vol – II*, pp 99-120, ISBN: 978-81-976031-7-4
5. Anuradha V, Syed Ali M, **Yogananth N**, 2024. Computational Biology: An Overview, *A basics of AI in biological sciences – Vol – II*, pp 99-120, ISBN: 978-81-976031-7-4.
6. Anuradha V., Syed Ali M., Ravikumar S., **Yogananth N**. and Lingayya Hiremath, 2023. Biomedical and Bioremediation Potential of Brown Algae of Coastal Areas of Tamilnadu Green and Clean Technology: Innovations and Applications 978-81-959662-4-0.
7. **Yogananth N**, Syed Ali M, V. Anuradha, T. Sivakumar R. Bhakayaraj and Sheeba, 2022. An Introduction to Entrepreneurship with Special Ref. to Incubation centers and Funding agencies for startup business in India Bioentrepreneurship in Biosciences - Recent Approaches. pp 1 – 27. 978-93-93942-38-8.
8. Saravanan G.K., Syed Ali M, **Yogananth N**, 2021. Coral reefs: A major concerns for environmental issues Life science and business opportunities 978-81-954602-2-9
9. **Yogananth N**, R. Bhakayaraj, Syed Ali M and T. Sivakumar. 2021. A review on the potential of marine microbes on bio-plastics production. pp1-21. ISBN: 978-81-952529-0-9.
10. **Yogananth N**, T. Sivakumar, Syed Ali M and V. Anuradha, 2020. Bioconcrete-An alternate approach to existing concrete. Recent trends in modern microbial technology, pp 1-21. ISBN: 978-93-86739-42-1.
11. Sumathi R. and **Yogananth N**, 2020. Microbial surfactants – An overview. Recent trends in modern microbial technology, pp 147-167. ISBN: 978-93-86739-42-1.
12. Devi Maliga K., R. Selvi and **Yogananth N**, 2020. Molecular analysis of human microbiome – A riview. Recent trends in modern microbial technology, pp 168-182. ISBN: 978-93-86739-42-1.
13. Savitha S. and **Yogananth N**,. 2020. Probiotics, a remedy for oral health – A review. Recent trends in modern microbial technology, pp 183-194. ISBN: 978-93-86739-42-1.
14. Mohamed Yacoob Syed Ali, Sundaram Ravikumar, Venkatraman Anuradha and Nagarajan Yogananth, 2015. Safety and Bio-efficacy of mosquito control from Marine natural Plant, pp: 1-44. ISBN: 978-3-659-444470
15. Syed Ali M, V. Anuradha, **Yogananth N**, S. Sathiya and S, Sirajudeen, 2016. Regenerative capacity of heart and liver of zebrafish using green synthesized of gold nanoparticle- Invivo. Zebrafish A model organism for Regeneration Studies, ISBN : 978-81-932643-3-9

### **3. Research article published**

1. Nissam Sainudeen, Divya Vattoly, **Yogananth N** and Syed Ali, M. 2025. A comprehensive review of limonene: exploring its biosynthesis, ecological impact and aromachological aspects. *Indian journal of natural sciences*, 16(89): 29515.
2. **Yogananth N**, A. Chanthuru, M. Syed Ali and K. Rangarajan, 2025. Scientific validation of immunostimulatory potential of root and callus extract of *Sarcostemma brevistigma* on flathead grey mullet (*Mugil cephalus*). *Staps* 11(2):460-472 (Listed in Scopus and SCI)
3. Rajkumar, B., M. Yogesh, N. Akila, and **Yogananth N**. 2024. Assessment of Physicochemical and Microbiological Quality of Drinking Water from Chembarambakkam Lake, Tamil Nadu, India. *Uttar pradesh journal of zoology*, 45 (24):1-13. <https://doi.org/10.56557/upjz/2024/v45i244706>. (Listed in SCI)
4. Thanga Malathi S, V. Anuradha, Ruban P, Syed Ali M, Mohammed Rafiqkhan. K Agnes Mariya Dorthy C , M.B.Kavitha, **Yogananth N**. Toxicological Effects of Lithium Chloride on *Channa punctatus* and *Oreochromis niloticus*: a Study on Acute and Chronic Toxicity. *Journal of Xidian University* 2024: 18: 9 (Listed in Scopus and SCI)
5. Revathi Chitra S , Syed Ali M, Rathinam R, Sirisha C, Kavitha M.B, P Radha, Ruban P, Anuradha V, **Yogananth N**. 2024. Isolation of Fucoidan from seaweed *Turbinaria conoides* and evaluation of its anticancer potential on animal models. *African Journal of Biological Sciences*, 6: 1764. (Listed in Scopus and SCI)
6. Shanthi M, Malathy S, **Yogananth N**, Largus Shylee M, 2024. Assessing Seagrass Biodiversity and Ecological Significance in the Palk Bay and Gulf of Mannar: Implications for Conservation Strategies. *International journal of innovative research in technology*, 11(1): 2369.
7. Harikrishnan, S., Mohamed Yacoob, S. A., Venkatraman, A., **Yogananth N**, & Kuppusamy, S. G. (2023). *In vivo* studies on evaluation of endophytic fungi extract from *Trichoderma viride* against cervical cancer. *Beni-Suef University Journal of Basic and Applied Sciences*, 12(1), 1–16. (Listed in Scopus and SCI)
8. Priyadarshini, P, V.Anuradha, **Yogananth N**, G.K.Saravanan, M.Syed Ali, 2023.Molecular Docking analysis on bioactive metabolites from endophytic *Trichoderma viride* against tuberculosis. *Indian Journal of Natural Science*,14(81):65783-65792.(WoS)
9. Anuradha,V., V.Suganya, A.Abiram, S.Edwin, **Yogananth N**, M.Syed Ali\*,2023. Preliminary phytochemical analysis and in vitro antioxidant, anti-inflammatory activities of *Syringodium isoetifolium* and *Cymodocea serrulate* extracts. *Indian Journal of Natural Sciences*, 14 (81):65700-65711. (WoS)
10. Asbin Mary X, Syed Ali M, Anuradha V, Ruban P, Moovendhan M, Gnandesigan M, **Yogananth N**, 2023. Anticancer activity of *Rhizophora mucronata* leaves extract on Spragur-Dawley Rats: In Vivo Model. *Journal of Toxicology*, Volume 2023,doi.org/10.1155/2023/6665012. (Listed in Scopus and SCI) IF:3.441.
11. Selvaraj Thangamalathi, Venkatraman Anuradha, Mohamed Yacoob Syed Ali, Muhammed Sajjad Sarwar, **Yogananth N**, 2023. Lithium induced histological and thyroid hormone alternations observed in *Channa punctatus* and *Oreochromis niloticus*. *Punjab University Journal of Zoology*, 38(1):119-125. (Listed in Scopus, SCI).
12. Anna Sheba, L., V.Anuradha, M.Syed Ali, **Yogananth N**, 2023. Wound healing potential of *Couroupita guianensis* Aubl.Fruit pulp investigated on Excision wound Model. *Applied Biochemistry and Biotechnology*, <https://doi.org/10.1007/s12010-023-04400-5>. (Listed in Scopus, SCI & WOS) IF: 3.164.
13. Sheeba, H., Syed Ali, M, Anuradha,V.,**Yogananth N**, Saravanan, G.K., 2023. In vivo studies on evaluation of endophytic fungi extract from *Trichoderma viride*, Beni Suef University journal of Basic and Applied Science, 12 (19):1-16 <https://doi.org/10.1186/s43088-023-00348-x>. (Listed in Scopus, SCI) IF:2.04.
14. Venkatraman A, Mohamed Yacoob SA, **Yogananth N**, Jojula M, Vasudevan S. Pharmacognosy determination and in vitro antioxidant, anti-Inflammatory, antimycobacterial activity of salt marsh 12 Natural Product Communications plants: *Sesuvium portulacastrum* and *Salicornia brachiata*. *J King Abdulaziz Univ Mari Sci*. 2022;32(1):1-19. doi:10.4197/Mar.32-1.1. (Listed in Scopus, SCI) IF: 0.1

15. Asbin Mary, M.Syed Ali, V.Anuradha, **Yogananth N**, J.Vardhana, P.Vinoth Kumar, 2022. Induction of apoptosis by methanolic extract of *Rhizophora mucronata* Lam on MCF-7 Cell line, *Research journal of Pharmacy and Technology*, 15(11):5021-5025. (Listed in Scopus, SCI) IF: 0.6.
16. Sumathi R and **Yogananth N**. 2022. Evaluation of Immunostimulatory Potential of Rhamnolipid Biosurfactant from *P. aeruginosa* in *C. mrigala*. *Indian Journal of Natural Sciences*, 13 (74): 47943. (Listed in WOS)
17. Desiyamani, P., Syed Ali, M, Anuradha,V., **Yogananth N**. 2022.Quantification of antioxidant capacity and free radical scavenging potential od methanolic stilt root extract of *Rhizophora mucronata*, *Algerian Journal of Natural Products* 10:1 (2022) 880-893. Indexed: Scopus.
18. Swaminthan, R., Syed Ali, M, Anuardha, V., **Yogananth, N.**, Saravanan, GK., 2022. Antiviral effects of L-Fucose from *Padina gymnospora* against various strains of Dengue virus. *Journal of Advanced Scientific Research*, 13(4):111-117.
19. Anuradha Venkatraman, Meivelu Moovendhan, Kumar Chandrasekaran, Saranya Ramesh, Ashasalini Albert, Sangeetha Panchatcharam, Syed Ali Mohamed Yacoob\*, Bhuvana, **Yogananth Nagarajan**, Saravan Govidasamy, 2022. Alcoholic concentrate of microalgal biomass modulates cytotoxicity, apoptosis and gene expression studied in hepatocellular carcinoma,2022. *Biomass Conversion and Biorefinery*, <https://doi.org/10.1007/s13399-022-02786-6>. (Listed in Scopus, SCI & WOS). IF:4.987.
20. Devi R., Revathi K., N. Arunagirinathan, **Yogananth N**. Production and Optimization of  $\alpha$ -amylase from *Aspergillus ochraceus* isolated from Marakkanam Salt pans, Tamil Nadu, India. *Bull. Env.Pharmacol. Life Sci., Spl Issue [1] 2022* : 997-1002. (Listed in WOS)
21. Devi R., Revathi K. and **Yogananth N**. 2022. Halotolerant protease enzyme production by *Penicillium chrysogenum* from Marakkanam Salt pans, Tamil Nadu, India. *Bull. Env.Pharmacol. Life Sci., Spl Issue [1]*; 1075-1080. (Listed in WOS)
22. Bhakyaraj. R, **Yogananth N**, Chandru S, Palanivel S and Parvathi. S. 2022. Agrobacterium mediated hairy root induction and solasodine production in *S. melongena* var *insanum* L. *Prain. Plant achieves*, 22(1):43.
23. **Yogananth, N.**, Bhakyaraj, R., Chanthuru, A., Palanivel, S. (2021). Indirect Organogenesis from Stem Derived Callus of *Dregea volubilis* (L.f) Benth. *International Journal of Plant and Environment*. 7(1): 63-67.
24. Swaminathan, R., SyedAli, M., Anuradha, V., Abinaya, R., Ananthalakshmi, J.S. and **Yogananth, N**. 2021. Antioxidant potential of fucose isolated from the marine macroalgae *Padina gymnospora*. *Biosc.Biotech.Res.Comm.* 14(3): 1302-08
25. **Yogananth, N.**, M. Akila, **Syed Ali M**, M. Jayaprakashvel and R. Muthezhilan, 2020. Determination of probiotic bacteria from intestine of *Sparisoma viride* and bioencapsulation of *Artemia salina* with probiotics. *Research Journal of Microbiology*, 15: 1-8.
26. Chitra, J., Syed Ali, M., Senthil Kumar, S., Anuradha,V., Vijayaraghavan, R. and **Yogananth, N**. 2020. HPLC characterization, acute and sub-acute toxicity evaluation of bark extract of *Rhizophora mucronata* in Swiss Albino mice. *Heliyon*, 6: 1 -13. (Listed in Scopus, SCI) IF: 3.98
27. **Yogananth N**, Rajesh B, Syed Ali M and Anuradha V, 2019. *In vitro* Evaluation of anti urolithiatic activity of *Bryophyllum pinnatum* Lam. *International Journal of Scientific Research in Multidisciplinary Studies*, 5(8): 97-102. (UGC)
28. Samanjit Kaur, Syed Ali, M, Anuradha, V, **Yogananth N**, Suganya, V and Bhuvana, P. 2019. Proximate composition and *in vitro* antioxidant properties of *Rhizophora mucronata* plant part extract. *Asian Journal of Green Chemistry*, 3(3) 345-352. (Listed in SCI)
29. **Yogananth N**, R. Bhakyaraj, Syed Ali M and R. Muthezhilan, 2019. Effect of yeast elicitor on the enhancement of Kaempferol from *in vivo* and *in vitro* Callus Cultures of *Dregea volubilis* Benth. *Asian Journal of Biological Sciences*, 12: 278-283.
30. Asha Shalini, A., Syed Ali M, V. Anuradha, **Yogananth N**, P. Bhuvana, 2019. GCMS analysis and invitro antibacterial and anti-inflammatory study on methanolic extract of *Thalassiosira weissflogii*. *Biocatalysis and Agricultural Biotechnology* 19:101148. (Listed in Scopus, SCI) IF: 4.25
31. Syed Ali, M., Anuradha, V., **Yogananth, N**. and Krishnakumar, S. 2019. Heart and liver regeneration in zebrafish using silver nanoparticle synthesized from *Turbinaria conoides* – *In vivo*. *Biocatalysis and Agricultural Biotechnology*, 17: 104–109. (Listed in Scopus, SCI) IF: 4.25
32. Chitra, J., Syed Ali M., Anuradha V., **Yogananth N**. and Gnanadesigan M. 2019. Propugnating effect of bark of *Rhizophora mucronata* against different toxicants viz carbon tetrachloride, ethanol and

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#### **4. Research article in conference proceedings**

##### **International conference**

1. Mahadev Rama Kokane, T.N., V.Anuradha, M. Syed Ali, S.Krishnakumar, **N. Yogananth**, 2022. Antioxidant and free radical scavenging effect of purple ink secreted by sea hare *Bursatella leachii* habitate in Pulicat lake, Proceeding Of International Conference On Science, Innovation, Sustainable, Technology-Safety, Health And Environment. Page No:110; ISBN:978-83409-70-9.
2. Anna Sheba,L., Anuradha V., **Yogananth, N**, Syed Ali., Krishnakumar., 2022. Insilico and animal model studies evidenced the wound healing potential of *Couroupita guianensis* fruit pulp through inhibition of myeloperoxidase, Proceeding of International Conference on Science, Innovation, Sustainable, Technology-Safety, Health And Environment. Page No:60; ISBN:978-83409-70-9.
3. Sangeetha P., Anuradha V., Syed Ali,M., **Yogananth, N.**, Krishnankumar., 2022. In vivo acute and sub-acute oral toxicity studies on methanolic extract of microalgae *Nannochloropsis oculata*. Proceeding Of International Conference On Science, Innovation, Sustainable, Technology-Safety, Health And Environment. Page No:53; ISBN:978-83409-70-9.
4. Devi Maliga, K and **Yogananth. N**. 2020. The enhancement of kaempferol by yeast elicitor in callus cultures of *Oxystelma esculentum*. International conference on Microbial life in Ancient ice on 4<sup>th</sup> February, 2020 held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.
5. Syed Ali, M., Anuradha,V., **Yogananth N**, 2016. Antiplasmodial activity of biosynthesis nanoparticles from seaweeds *Plasmodium falciparum*. Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups, Organized by 2<sup>nd</sup> World congress on Infectious Disease & International conference on Pediatric Care & Pediatric Infectious Disease, August 24-26, 2016, Philadelphia, USA. IF:0.682
6. Syed Ali, M., Anuradha, V., **Yogananth N.**, Sathya, S. 2015. Regeneration of heart and liver from zebra fish using gold synthesis particle from *Padina gymnospora* marine algae-in vivo. Conference proceeding: International Journal of Health and Life Science, ISSN:2554-5872, organized by 9<sup>th</sup> international conference on healthcare and Life science research (ICHLSR). December 27-28, 2015, Malaysia. IF:1.23.

##### **National conference**

1. Kalaiarasan. W, **Yogananth N**, M. Syed Ali1 and V. Anuradha. 2023. Production of Wine From Different Grape Varieties by Using Baker's Yeast, *Microfie'23*, SNMV College of Arts and Science, Coimbatore.
2. Saranya, R., **Syed Ali M**, V. Anuradha, SafiaMessaoudi and **Yogananth, N**. 2020. An *in vitro* study of potent anticancer extracts from marine sources (*Chlorella vulgaris*, *Nannachloropsis oculata*, *Thalassiosira weissflogii* and Astaxanthin) on autosomal STR markers. 13<sup>th</sup> National Conference on novel biotechnological approach to the society (SyMBioS'20) on 23<sup>rd</sup> and 24<sup>th</sup>, January 2020, held at Department of Biotechnology, SNMV College of Arts and Science, Coimbatore - 641050.
3. Devi Maliga, K and **Yogananth, N**. 2018. *In vitro* plant regeneration from leaf and stem explants of *oxystelma esculentum* (L.F) R.Br. ex Schltes. National seminar on stem cell therapies in clinical trials - progress and challenges on 26 September, 2018, held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.

4. **Yogananth N**, Syed Ali M, Rajan R, Kalidoss A. and Anuradha V. 2017. Determination of diesel oil degrading bacteria from petroleum hydrocarbon contaminated soil. 10th National Symposium on Modern Biological Sciences (SyMBioS'17) on 20<sup>th</sup> and 21<sup>st</sup>, February 2017, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore - 641050.
5. Kalidoss, A. K. Silambarasi, **Yogananth N**, **Syed Ali M** and M. Sufyan Khan. 2017. *In vitro* callus induction and plant regeneration in cotyledon kernels of *Ziziphus mauritiana* Lam. Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups, Organized by Department of Biotechnology, Alpha College of Arts and Science, January 11, 2017, Chennai.
6. Chitra, J., **Syed Ali M**, V. Anuradha, N. Yogananth, R. Rajan, A. Kalidoss. 2017. Screening of phytochemical and anti-oxidant capacity of *Avicennia marina* leaf extract from backwaters of Muthukadu lake, Tamil nadu. Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups, Organized by Department of Biotechnology, Alpha College of Arts and Science, January 11, 2017, Chennai.
7. Syed Ali, M., V. Anuradha, Anu Tresa Mathew, **Yogananth N**,. 2017. Toxicological evaluation of *Rhizophora mucronata* stilt root extract using wistar rats. Conference Proceeding : Journal of Infectious Disease and Therapy, ISSN:2332-0877, Omics groups, Organized by Department of Biotechnology, Alpha College of Arts and Science, January 11, 2017, Chennai.
8. **Yogananth, N.**, Bhakyaraj, R., Syed Ali., M and Chanthuru, A. 2016. *In vitro* screening for anti-inflammatory activity of *Solanum nigrum* L. 9<sup>th</sup> National conference on Modern Biological Sciences, 11-12<sup>th</sup> Feb 2016, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore - 641050 (ISBN 5-8-978-81-926250-0-3).
9. Nagarajan, S., **Yogananth, N.**, Syed Ali, M., Anuradha, V., and Muthazhilan, R. 2016. Biopreservative efficacy of bacteriocin from *Lactobacillus* sp., in white leg shrimp (*Litopenaeus vannamei*). Proceedings of National Seminar on Marine Resources, 3-4<sup>th</sup> March, 2016, Organized by Department of Zoology, M.D.T. Hindu College Tirunelveli. Tamilnadu - 627 010.
10. Anuradha, V., **Syed Ali M**, **Yogananth N**,. Molecular interaction studies between HIV-in and human LEDGF. Proceedings of National Seminar on Marine Resources, 3-4<sup>th</sup> March, 2016, Organized by Department of Zoology, M.D.T. Hindu College Tirunelveli. Tamilnadu - 627 010.
11. Mohamed Hanifa, A., M. Syed Ali, V. Anuradha, **N. Yogananth**, V. Saravanan. Anti Inflammatory activity of *Avicennia marina* in Dextran Sulfate Sodium induced Ulcerative colitis in wistar rat. Proceedings of National Seminar on Marine Resources, 3-4<sup>th</sup> March, 2016, Organized by Department of Zoology, M.D.T. Hindu College Tirunelveli. Tamilnadu - 627 010.
12. Selvi. R, and **Yogananth, N**. 2016. A study on Evaluation of phytochemical screening and *in vitro* bioactivity of leaf and stem extracts of *Solanum xanthocarpum* (Solanaceae). National Conference on "Emerging Trends in Management of Infectious Diseases and Public Health, 4 - 5 Feb 16, organized by Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai
13. Swaminathan, R., M. Syed Ali, V. Anuradha, **N. Yogananth**. 2016. Modulatory effect of Polydatin on in vivo carbohydrate metabolism in streptozocin-induced type II diabetic rats. National Conference on "Emerging Trends in Management of Infectious Diseases and Public Health, 4 - 5 Feb 16, organized by Department of Biotechnology, Mohamed Sathak College of Arts and Science, Chennai.
14. **Yogananth N**, M. Syed Ali, V. Anuradha, A. Chanthuru, 2015. Enhancement of Solasodine in *Solanum trilobatum* L. through fungal elicitors treatment. Proceeding of Herbal Technology, Past, Present and Future. Department of Biotechnology, Alpha college of Arts and Science, Chennai-ISBN-978-93-5228-137-4, Page:39-44.
15. M. Syed Ali, V. Anuradha, **Yogananth N**, 2015. Marine Pharmacology-Overview. Proceeding of Herbal Technology, Past, Present and Future. Department of Biotechnology, Alpha college of Arts and Science, Chennai-ISBN-978-93-5228-137-4, Page: 63-65.

## **5. Abstracts in conference proceedings**

### **International conference**

- **Yogananth, N.**, Syed Ali, M., Bhakyaraj, R. and Palanivel, S. 2022. Dietary supplement of *Dregea volubilis* extracts on immune response and disease resistance against *Aeromonas hydrophila* in fresh water fish *Labeo rohita*. Emerging Scientist Conference on 20<sup>th</sup> February, 2022 held at Pakistan.
- **Yogananth, N.**, Chanthuru, A., Bhakyaraj, R., Syed Ali, M. and Palanivel, S. 2021. Evaluation of antiaflatoxicosis potential of two Asclepiadaceae plants *Dregea volubilis* and *Sarcostemma brevistigma*.

4<sup>th</sup> Asian Conference on Science, Technology and Medicine on 21<sup>st</sup> November, 2021 held at Dubai, UAE.

- Savitha, S. and **N.Yogananth**. 2020. A study of prevalence and antimicrobial susceptibility pattern of Methicillin resistant *Staphylococcus aureus*. International conference on Microbial life in Ancient ice on 4<sup>th</sup> February, 2020 held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.
- Syed Ali, M., S.Ravikumar, **Yogananth N**, V. Anuradha, M.Mohamed Farook, S.Abideen, M.Babuseviam 2014. Mosquitoicidal activity of essential oil from *Bruguiera cylindrical* mangrove leaf against dengue mosquito *Aedes aegypti* and filarial mosquito *Culex quinquefasciatus*. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014.Department of Zoology, Dr.Zakir Husain College, Tamil Nadu.
- Anuradha, V., S. Swetha, **Syed Ali M, Yogananth N**, A. Praveena, 2014. Insilico analysis on drug potentiality of catechin using different targets. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014.Department of Zoology, Dr. Zakir Husain College, Tamil Nadu.
- Jothi Basu, M., **Yogananth N**, A. Chanthuru and S. Baburaj. 2009. *In vitro* anti - inflammatory activity and tissue culture studies on *Andrographis paniculata* (Burm. F.) Wallich ex. Nees., A medicinal plant. International Colloquium on "Emerging Biotechnologies in Agriculture, Animal health and Productivity" (ICEB' 09), 22<sup>nd</sup> - 26<sup>th</sup> February, held at The School of Bio-sciences, Alagappa University, Karaikudi.
- Rajan, R., **N.Yogananth**, M.Syed Ali, Priya, 2014. Characterization of alkaline protease from *Bacillus cereus* and its application as a dehairing capability. Proceeding of the International conference on Bioprospecting of natural resources for human health-2014. Department of Zoology, Dr. Zakir Husain College, Tamil Nadu.

#### National Conference

**Yogananth N**, 2024. A comprehensive review on medicinal plants and their phytoconstituents as antisalmonellal agents: Factors, mechanism insights and future prospects National Conference "current trends in marine biotechnology from bioresources for the emerging bioeconomy held at Sathyabama University, Chennai Nov, 2024

**Yogananth N**, 2024. Biopigment production by *Monascus* sp in submerged and solid state fermentation National conference on "biotechnological advances of biomedical, environmental and agricultural technology" held at Hindustan Arts and Science College, Chennai 13th Feb, 2024

**Yogananth N**, 2023. Assessment of in-vitro anti-urolithiatic and in-vitro anti inflammatory potential of *Alpinia officinarum*. 2nd International Conference on "Unraveling Therapeutic Resources from Nature's Treasure, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai - 119 21&22, Sep 2023

**Yogananth N**, 2023. Scientific validation of medicinally important plant, *Dregea volubilis* for its Anti-Salmonella potential - An invivo assessment. Proceedings of National conference on hazardous food chemicals on human health, Bharath University, Chennai 23rd March 2023

**Yogananth N**, 2022. Assessment of anti-aflatoxicosis potential of ethanolic leaf extracts of *Solanum virginianum* L. - A traditional medicinal plant National conference on sustainable use of natural resource, Pushkaram College of Agricultural Sciences, Pudukkottai 26th November, 2022

**Yogananth, N.**, A. Manikandan, **Syed Ali M** and V. Anuradha. 2021. *In vitro* propagation and mass multiplication of *Hygrophila auriculata* (K. Schum) - An important medicinal plant. National conference and award ceremony on innovations in science, agriculture and adaptation to climate changes on 28<sup>th</sup> April, 2021, held at Pushkaram College of Agricultural Sciences, Pudukkottai.

**Yogananth, N.**, **Syed Ali M**, V. Anuradha and R. Bhagyaraj. 2020. Preliminary evaluation of *in vitro* anti diabetic potential of *Coccinia grandis*. National Conference on "Microbial Biotechnology" Microfie'20 on 30<sup>th</sup> January, 2020, held at Department of Microbiology, SNMV College of Arts and Science, Coimbatore - 641050.

Vithiyasri, **Yogananth, N** and Syed Ali, M. 2020. *In vitro* antiulcer activity of *Solanum xanthocarpum* - a preliminary assessment. 13<sup>th</sup> National Conference on novel biotechnological approach to the society (SyMBioS'20) on 23<sup>rd</sup> and 24<sup>th</sup>, January 2020, held at Department of Biotechnology, SNMV College of Arts and Science, Coimbatore - 641050.

Farheen Fathima, **Yogananth, N** and Syed Ali, M. 2019. Preliminary evaluation of antibacterial and antioxidant activities of *Justicia adhatoda* L. National conference on Impact of Biotechnology in improving human health on 27<sup>th</sup> September, 2019 held at Department of Biotechnology, SRM arts and Science College, Chennai - 603203

**Yogananth N** and Shanthi, V. 2019. Impact of EM solutions on growth and yield of two Solanaceae plants, *Solanum nigrum* and *Solanum torvum*. National seminar on Organic farming for sustainable agriculture on 29<sup>th</sup> March, 2019, held at School of Agriculture, PRIST Deemed to be University, Thanjavur.

S.Savitha and **N.Yogananth**. 2018. GC-MS analysis and Antibacterial screening on phytochemical extracts of *Hygrophila auriculata* (Neer mulli) on MRSA (Methicillin resistant *Staphylococcus aureus*)-an *in vitro* study. National seminar on stem cell therapies in clinical trials - progress and challenges on 26 September, 2018, held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.

R. Selvi and **Yogananth N.** 2018. *In vitro* screening for antiinflammatory activity of *Solanum xanthocarpum* and *Solanum nigrum* plant extracts. National seminar on stem cell therapies in clinical trials - progress and challenges on 26 September, 2018, held at Department of Microbiology, Kamban College of Arts and Science for Women, Tiruvannamalai.

**Yogananth, N.**, R.Muthezhilan and M. Jeyaprakshvel. Optimization for biosurfactant production by hydrocarbonoclastic bacteria from Rayapuram harbour, Chennai.

Bhakyaraj R, Palanivel S, Parvathi P and **Yogananth N**. 2017. Solasodine production in *Solanum trilobatum*. with special reference to fungal elicitors. 10th National Symposium on Modern Biological Sciences (SyMBioS'17) on 20<sup>th</sup> and 21<sup>st</sup>, February 2017, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore - 641050.

Desiyamani, P., M.Syed Ali, V.Anuradha, **Yogananth N**, R.Rajan, R.Bhakyaraj and P.Ruban. 2017. Larvicidal activity of true mangrove and associated mangrove extracts against *Aedes aegypti* larvae. 10th National Symposium on Modern Biological Sciences (SyMBioS'17) on 20<sup>th</sup> and 21<sup>st</sup>, February 2017, held at Department of Biosciences and Research, SNMV College of Arts and Science, Coimbatore

**Yogananth, N.**, David Wilson, **Syed Ali M** and V. Anuradha. 2015. Evaluation of anticoagulant activity of ethanolic extracts of *Alternanthera sessilis* and *Basella alba* - important edible green leaves. Abstract of the National conference on Science, technology and productization - A means of growth, 5- 6<sup>th</sup> February, organized by Karnataka science and technology academy and The Oxford College of Science, Bangalore, Karnataka.

Nagarajan S, **Yogananth N**, Ragul R, Karthik R, Jaffar Hussain A and Muthezhilan R. 2014. Extraction of bacteriocin from *Lactobacillus* sp and their use in biopreservation activity of shrimps at different storage temperature conditions. National Level Conference On Advances In Marine Bio Science & Technology Current Status, Prospects & Challenges on 14<sup>th</sup> March, 2014, Department of Biotechnology, AMET University, Chennai.

Velmurugan, K., A. Mohamed Hanifa, **Yogananth N**, **Syed Ali M**. 2014. Mosquitoes Larvicidal Activity of *Andrographis paniculata* against *Culex quinquefasciatus*. National Level Conference On Advances In Marine Bio Science & Technology Current Status, Prospects & Challenges on 14<sup>th</sup> March, 2014, Department of Biotechnology, AMET University, Chennai.

Syed Ali, M., S.Ravikumar, V. Anuradha, **N.Yogananth** and M. Babuselvam. 2014. Antitermicidal activity of ethanolic extracts of mangrove plant from south west coast of India. Proceedings of National Seminar on Recent Advances in Biotechnology and Applied Microbiology 03<sup>rd</sup> & 04<sup>th</sup> Mar, 2014. Page No. 122.

**Yogananth, N.**, S. Ramanathan, M. David Wilson, **Syed Ali M** and P.P. Vijaya. 2013. Evaluation of Anti-larvicidal and antimicrobial activities of *Hemidimus indicus* against *Culex quinquefasciatus*. National Seminar on Emerging trends in microbial biotechnology, 20 & 21<sup>st</sup> February, organized by Department of Microbiology, Kanchi Shri Krishna College of Arts and Science, Kilambi, Kanchipuram - 631551, Tamil Nadu

**Yogananth. N**, Chandra mohan, C, Balaji, E Chandran M and R. Muthezhilan, 2012. An efficient micropropagation system for *Pergularia daemia*: A Medicinally important plant National Conference on Recent advances in plant biotechnology : Towards Next green revolution, 9<sup>th</sup> & 10<sup>th</sup> February, 2012, Organized by Department of Plant Science , School of Life Sciences, Bharathidasan University, Trichy.

**Yogananth N.**, R. Muthezhilan and A. Priyanka, 2011. Fatty acid composition and antimicrobial activity of the extract from *Solanum toroum* Sw. National conference on Impact of Biotechnology in Health care & Industry, 21<sup>st</sup> December 2012, organized by Department of Biotechnology, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai - 62.

Chanthuru, A., **Yogananth N.**, R. Bhakayaraj and S. Palanivel. Removal of heavy metals (Cr, Cd, Zn and Pb) by using straw method. National seminar on Global climate change and its impact on Biodiversity, Feb 2009, held at Department of Plant Biology and Plant Biotechnology, St. Xavier's College, Palayamkottai, Tamil Nadu,

Jothi Basu, M., Bayana Mathukutty and **Yogananth N.**, 2009. Micropropagation and Induction of Hairy Root Cultures of *Plumbago rosea* L. 27<sup>th</sup> Annual General Body Meeting of the Society of Swamy Botanical Club (SBC - XXVII) & National Conference on Modern Trends in Plant *In Vitro* Biology, 5 - 6 January, held at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

Bhakayaraj, R., **Yogananth N.**, A.Chanthru, Arun Sasi, E. Sheeba, S. Palanivel and S. Parvathy. Hairy root induction and Solasodine production in *Solanum melongena* L. var. insanum (L.) Prain. National conference on Trends in Plant-Microbe Interactions, Jan 2009, held at Department of Plant Science, Bharathidasan University, Tiruchirappalli, Tamil Nadu.

Chanthuru, A., S. Palanivel, S. Parvathi, **Yogananth N.**, R. Bhakayaraj and Arun Sasi. 2008. Effect of Immobilized *Arbuscular Mycorrhizal* Inoculum on Growth of *Sorgum bicolor* L. Moench. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 - 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu.

Bhakayaraj, R., S. Palanivel, S. Parvathi, **Yogananth N.**, A. Chanthuru and Arun Sasi. 2008. Direct Plantlet Regeneration in *Solanum nigrum* L. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 - 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu.

Arunsasi, Kalidoss A, Ravikumar M, Chanthru, Bhakayaraj R and **Yogananth N.** 2008. Optimizing the conditions of L-Glutamic acid production by *Cornebacterium glutamicum*. National seminar on "The present scenario in biodiversity, biotechnology and environment management" on 6<sup>th</sup> and 7<sup>th</sup> March, 2008.

Muthezhilan R., **Yogananth N.**, A. Jaffar Hussain, R. Srinivasan and N. Imran Sheriff, 2008. Production and optimization of protease from *Micrococcus roseus*. National Seminar on "Biotechnology in Genomics and Proteomics platform", September 2008, held at School of Biotechnology, Dr. G.R. Domodharan College of Science, Coimbatore, Tamil Nadu, India.

**Yogananth, N.**, R. Bhakayaraj, A. Chanthru, Arun Sasi and S. Palanivel. 2008. Effective Biosurfactants Production by *Pseudomonas aeruginosa* and its test efficacy on different oils. National Seminar of The Present Scenario in Biodiversity, Biotechnology and Environmental Management, on 6 - 7 March, 2008, held at Department of Biotechnology, Botany and Environmental Science, J.J. College of Arts and Science, Pudukkottai, Tamil Nadu

Muthezhilan, R, **Yogananth N.**, S. Jayalakshmi and T. Balasubramanian. 2007. Dye degrading mycoflora from industrial effluents. 5<sup>th</sup> National conference of Indian Association of Applied Microbiologists (IAAM) on Emerging Trends and evolving technologies in applied microbiology with special reference to microbial nanotechnology, On 11- 12 January , 2007, held at Department of Microbiology, Sri Sankara arts and science college, Kanchipuram, Tamil Nadu.

## **ANNEXURE - 2: LIST OF FACULTY DEVELOPMENT PROGRAMME, CONFERENCE AND WORKSHOP PARTICIPATION**

### **Refresher Course/FDP attended**

1. Two days Faculty Development Programme on Intellectual Property Rights, organized by IQAC Cell, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai, 30<sup>th</sup> January, 2019.
2. Attended the Indian Academy of Sciences sponsored “Refresher course (two week) on Modern biotechnology tools for sustainable agriculture” Organized by Department of botany, Periyar University, Salem, 13<sup>th</sup> - 26<sup>th</sup> Feb, 2019.
3. One day Faculty Development Programme on Quality Assurance and Sustenance in Higher education, organized by IQAC Cell, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai, 30<sup>th</sup> January, 2019.
4. Attended the AICTE sponsored Short Terms Course (one week) on “Current Scenario in Nano and Biotechnological Applications (CSNBA2018)” organized by Department of Chemical Engg, Coimbatore Institute of Technology, Coimbatore on 2<sup>nd</sup> to 8<sup>th</sup> April, 2018.
5. Attended Faculty development programme conducted by Indian Institute of Logistics on 10<sup>th</sup> Dec 2016 held at Mohamed Sathak College of Arts and Science, Chennai
6. Attended Faculty development programme on Creative thinking conducted by ICT academy of Tamilnadu from 1<sup>st</sup> and 2<sup>nd</sup> November 2016 held at Kumara Rani Meena Muthaiah College of Arts and Science, Chennai.
7. Attended Faculty development programme on Emotional Intelligence conducted by ICT academy of Tamilnadu from 28<sup>th</sup> and 29<sup>th</sup> July 2016 held at Mohamed Sathak College of Arts and Science, Chennai

### **Workshop attended**

- 1 International workshop on “Artificial intelligence in Bioinformatics and drug discovery” conducted on August 2019 by Wisecorner laboratories Pvt Ltd in collaboration with PG and Department of Biotechnology, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai.
- 2 Attended the workshop on Fermentation technology held on 20/08/2015 organized by Department of Bioscience and Research, SNMV College of Arts and Science, Coimbatore - 50
- 3 Attended the workshop on Water and wastewater analysis (WWWA) held on 12<sup>th</sup> June, 2015, organized by Department of chemical engineering, SSN College of Engineering, Chennai - 603 110.
- 4 Attended Indo-UK joint lecture workshop on “Small molecule discovery and chemical biology held on 4<sup>th</sup> February 2015, organized by centre for Nanoscience and nanotechnology, Sathyabama University, Chennai - 119.
- 5 Attended training on identification, cultivation of medicinal plants and Nursery techniques on Horticultural crops. Oct 2010, held at ABS botanical conservation research and training centre, Kaaripatti, Salem, Tamil Nadu, India

### **Conference/seminar attended**

1. National Conference on Climate Change, Food Security and Biodiversity on 6<sup>th</sup> September, 2019 held at Department of Biotechnology, Kumara Rani Meena Muthaiah College of Arts and Science, Chennai - 20
2. National seminar on Organic farming for sustainable agriculture on 29<sup>th</sup> March, 2019, held at School of Agriculture, PRIST Deemed to be University, Thanjavur.
3. National Science Day celebration on Some perception on Science, organized by Tamilnadu Science Forum, Chennai District, 1<sup>st</sup> March 2019.
4. Two days National Conference on Modern Biological Sciences organized by Department of Biosciences and research, SNMV College, Coimbatore, 28<sup>th</sup> and 29<sup>th</sup> January, 2019.

5. DBT sponsored 16<sup>th</sup> National Conference of IAAM on Human Microbiome in personal medicine – Bridging Humans & Microbes for future sustainability jointly organized by faculty of life sciences, JSS University, Mysuru, 27<sup>th</sup> and 28<sup>th</sup> September, 2018.
6. One day National Symposium on Biodiversity perspectives, organized by PG and Research Department of Zoology and IQAC, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni, 20<sup>th</sup> September 2018.
7. International Conference on Emerging Areas of Biotechnology for Human Welfare and Bio-entrepreneurship, Organised by School of Life Science, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai, India, 11-12 September, 2018.
8. National Conference on Interdisciplinary Research and Innovations In Biosciences, (NATCON-2018), Organised by PG & Research Department of Biochemistry, Mohamed Sathak College of Arts and Science, Sholinganalur, Chennai, India, 24-25<sup>th</sup> January, 2018.
9. Attended 15<sup>th</sup> Annual National level conference on Microbes across boundaries organized by Department of Microbiology and IAAM, Vivekananda College of Arts and Science for women, Tiruchengode Namakkal, Tamil Nadu, on 22<sup>nd</sup> and 23<sup>rd</sup> Sep 2017.
10. Attended NBA and TNSCST sponsored seminar on Environmental Toxicology and its impact on Biodiversity” organized by Department of Biotechnology, Kumara Rani Meena Muthaiah College of Arts and Science, Chennai, on 01<sup>st</sup> Sep 2017.
11. Attended one day seminar on Quality improvement and sustenance in higher education” organized by IQAC, Mohamed sathak College of Arts and Science, Chennai, on 23<sup>rd</sup> February 2017.
12. Attended National conference on Biodiversity, Biology and Biotechnology of Algae (NCBBBA-2017) held at CAS in Botany, University of Madras, Chennai on 9<sup>th</sup> and 10<sup>th</sup> January 2017
13. Attended Silver jubilee National Conference on Algal Biology and Biotechnology (NCABB – 2016), on 24<sup>th</sup> to 26<sup>th</sup> November, 2016, Department of Biotechnology, University of Madras, Chennai – 600 025 and Krishnamurthy Institute of Algology (KIA), Chennai
14. Attended 14<sup>th</sup> National conference of IAAM on Transitional and translational in biological sciences, on 9<sup>th</sup> and 10<sup>th</sup> September, 2016, Department of Microbiology, Dr. NGP Arts and Science College, Coimbatore – 641048.
15. Attended National seminar on Current, past and future scenario in applied sciences, on 29<sup>th</sup> July, 2016, School of sciences, Tamilnadu Open University, Chennai.
16. Attended National conference on herbal technology – past, present and future, on 12<sup>th</sup> January, 2016, Department of Biotechnology, Alpha arts and Science College, Chennai – 600116.
17. Attended 13<sup>th</sup> National level seminar of IAAM on “Sustainability, Challenges and Advances in Biological Sciences” on 18<sup>th</sup> and 19<sup>th</sup> December, 2015, Department of Biological Sciences, Muthayammal College of Arts and Science, Rasipuram – 637 408.
18. Attended National level seminar on “Recent trends in Bioprospecting of marine resources: opportunities and challenges (NSBM-2015)” on 28<sup>th</sup> February, 2015, Department of Marine Biotechnology, AMET University, Chennai.
19. 12<sup>th</sup> National conference of Indian association of applied microbiologists (IAAM) on “Global trends and challenges in biosciences”, held at Department of Microbiology, Dr. MGR Janaki College of Arts and Science for women, Chennai – 28 on 5<sup>th</sup> and 6<sup>th</sup> December 2014.
20. Attended the workshop on radiation biology and its applications held on 30<sup>th</sup> June, 2014, organized by IGCAR, Kalpakkam and Department of Biosciences, Mohamed Sathak College of arts and Science, Sholinganallur, Chennai – 119.
21. Attended 6<sup>th</sup> National conference on “Beyond the frontiers in science and technology, held on 27 – 28<sup>th</sup> March, 2014 at The Oxford College of Science, Bangalore, Karnataka - 560102.
22. Attended National conference on “Bioactive compounds and therapeutics, held on 27 – 28<sup>th</sup> February, 2012 at The Oxford College of Science, Bangalore, Karnataka - 560102.
23. Attended National symposium on “Molecular innovations in Food processing and food safety management and Awareness programme on carrier prospects and business opportunities in food processing, held on 5 – 6<sup>th</sup> April, 2010 organized by NIFTEM, IICPT and The Oxford College of Science, Bangalore, Karnataka - 560102.
24. International conference on food technology organized by Indian Institute of Crop Processing Technology, Thanjavur Tamil Nadu, India on 30<sup>th</sup> and 31<sup>st</sup> of December, 2010.
25. .

26. One day Seminar on Recent trends in chemical signaling organized by center for Pheromone technology, Department of animal sciences, Bharathidasan University, Tiruchirappalli, on 2<sup>nd</sup> February, 2009.
27. National conference on Prospects & Challenges of Green medicine in Health security of rural population in India, Aug 2008, held at Department of Biochemistry and Microbiology, JJ College of Arts and Science, Pudukkottai, Tamil Nadu, India.
28. State level seminar on Phytomedicines for Human health care, Nov 2008, held at Tamil Nadu scientific research organization, Arimalam, Pudukkottai, Tamil Nadu,
29. National conference on recent trends in Mycological research, Dec 2006, organized by Department of Botany, Microbiology and Gene technology, JJ College of Arts and Science, Pudukkottai, Tamil Nadu, India.
30. Microfeast 2003, National level Scientist meet, Jan 2003, organized by Department of Microbiology, Sengunthar arts and Science College, Tiruchengode, Tamil Nadu,
31. National seminar on Biotechnology of Transgenics: Scientific progress and social issues. July 2003, organized by Department of Biotechnology, Alagappa University, Karaikudi, Tamil Nadu, India.
32. Microfeast 2003, The golden Jubilee year of DNA, Dec 2003, organized by Department of Microbiology, Sengunthar arts and Science College, Tiruchengode, Tamil Nadu, India.