



Dr.MANIVANNAN.G

✉ gmanivannan74@gmail.com

☎ 9443150903 & 9894933557

📍 Door No: 22, 5th Cross Street, Lakshmi Nagar Porur, Chennai-600116

ABOUT ME

Dedicated and accomplished individual with a distinctive background encompassing 25 years in academia, including 21 years as Head of the Department of Microbiology and Biotechnology, and 22 years in industry. A passionate educator committed to fostering student success through innovative teaching methodologies and a practitioner's insight into real-world applications.

CORE COMPETENCIES

- Spirulina Production Technology
- Microbial Research and Publications
- Polyhouse Technology
- Bioanalytical Skills
- Microbial Products Development and Instrumentation
- Genetic Engineering Techniques

SOFT SKILLS

- Leadership
- Team Management
- Organizing and Presentation
- Sound Decision Making
- Adaptability
- Observation and Problem Solving

EDUCATION

Ph.D Microbiology

Isolation, Characterization and Efficiency of Phosphate Solubilizing Microorganisms Isolated from soil

Madurai Kamaraj University | Completed on 09.07.2014

M.Phil Biotechnology

Madurai Kamaraj University | Completed in 2006 | Percentage - 75.20%

M.Sc Microbiology

V.H.N.S.N College, Virudhunagar | Completed in 1996 | Percentage - 71.18%

University First Rank for 1994-1996 Batch

B.Sc Zoology

Vivekananda College, Thiruvudagam West | Completed in 1994 | Percentage - 76.78%

College Second Rank for 1991-1994 Batch

ACADEMIC EXPERIENCE

Assistant Professor

03.07.2023 to Till Date

Department of Microbiology | Hindustan College of Arts and Science, Padur, Chennai- 603103

Key Responsibilities and Achievements

- Mentoring postgraduate students' projects.
- Implementing engaging educational programs for school students.
- Managing departmental ISO and NAAC activities with precision.
- Maintaining the vermicompost unit.
- Organizing student-focused programs as a Journal Club member.
- Efficiently coordinating as a Class Coordinator, ensuring smooth operations.
- Developed and conducting impactful value-added courses for comprehensive learning.

Head of the Department (1.8 Years)

01.09.2021 to 30.06.2023

Department of Biotechnology | The American College, Madurai - 625002

Key Responsibilities and Achievements

- Established the Department of Biotechnology in Satellite Campus of The American College.
- Designed Biotechnology curriculum as Board Chairman for undergraduates.
- Developed Biotech Lab and library infrastructure.
- Actively worked for NAAC accreditations
- Mentored YSSP Program for students.
- Streamlined and improved the admission procedure.
- Organized international conferences, seminars, workshops, and guest lectures.
- Signed MoUs with Biotech industries.
- Been as resource person in invited talks, seminars and conferences.
- Taught as guest faculty for B.Voc in Aquaculture.
- Launched Spirulina Production prototype unit for fish feed.
- Planned and arranged industrial visits for practical learning.

Head of the Department (4 Years)

15.7.2017 to 31.08.2021

Department of Microbiology and Biotechnology | N.M.S.S.Vellaichamy Nadar College, Madurai - 625019

Key Responsibilities and Achievements

- Acted as Board Chairmen for the Department of Microbiology and Biotechnology to design undergraduate curriculum.
- Led infrastructure development for Microbiology and Biotechnology Labs and Library.
- Streamlined and improved the admission procedure for efficiency.
- Introduced a new Certificate Course, Medical Coding in association with Sona Yukthi, Bangalore during the academic year 2018-2019
- Guided about 15 Microbiology and Biotechnology undergraduate student projects.
- Maintained department records for NAAC and ISO compliance.
- Organized conferences, seminars, workshops, and guest lectures.
- Managed Vermicomposting and Mushroom Cultivation Units.
- Signed MoUs with Life Sciences industries.
- Served as Deputy Warden for Boys Hostel and managed hostel mess stock and other sub-warden activities.

Assistant Professor(Faculty Improvement Program under UGC) (1.8 Years)

15.7.2017 to 31.08.2021

Department of Microbiology and Biotechnology | N.M.S.S.Vellaichamy Nadar College, Madurai - 625019

Key Responsibilities and Achievements

- Designed course curriculum for effective learning outcomes.
- Organized conferences, seminars, workshops, and guest lectures.
- Conducted practical sessions to enhance hands-on skills.
- Maintained the Honey Bee Unit.
- Actively contributed as a member of the College Environmental Awareness club.
- Served as Deputy Warden for Boys Hostel, ensuring a conducive living environment.

Head of the Department (15 Years)

17.07.2000 to 30.06.2015

Department of Microbiology and Biotechnology | N.M.S.S.Vellaichamy Nadar College, Madurai - 625019

Key Responsibilities and Achievements

- Introduced two new programs B.Sc Biotechnology and B.Sc Microbiology and established infrastructure for Microbiology and Biotechnology Labs and Library.

- Streamlined and improved the admission procedure for efficiency.
- Acted as Board Chairmen for the Department of Microbiology and Biotechnology to design undergraduate curriculum.
- Introduced a new Medical Laboratory Technology value-added course.
- Acted as cluster coordinator for Science Stream and successfully obtained student projects through TNSCST.
- Actively worked for ISO and NAAC accreditations
- Introduced, developed and managed Vermicomposting and Mushroom Cultivation Units.
- Organized international conferences, seminars, workshops, and guest lectures.
- Signed MoUs with Life Science Companies.
- Been as resource person in invited talks, seminars and conferences.
- Contributed to the Admission Committee for Self-Supportive Courses.
- Provided guidance for over 100 Microbiology and Biotechnology student projects.
- Planned and arranged industrial visits for practical learning.

Lecturer

(2 Years)

29.07.1998 to 17.07.2000

Department of Microbiology | N.M.S.S.Vellaichamy Nadar College, Madurai - 625019

Key Responsibilities and Achievements

- Mentoring postgraduate students' projects.
- Efficiently coordinating as a Class Coordinator, ensuring smooth operations.

MEMBER IN VARIOUS BODIES

Position	Institution	Period
Doctoral Committee Member at Department of Environmental Science	Periyar University, Salem	2016-2023
Board of Study Member and Subject Expert in the Department of Biotechnology	M.S University, Tirunelveli	2019-2022
Board of Study member in the Department of Microbiology	Periyar University, Salem	2021-2024
Board of Study Member in School of Biological Sciences, Department of Microbiology	Madurai Kamaraj University & The American College Madurai	2020-2021
Board of study member in the Department of Microbiology	PSG College of Arts and Science, Coimabatore	2022-2025
Board of Study Member and Subject Expert in the Department of Biotechnology	VVV College for Women, Virudhunagar	2020-2023
Board of Study Member in the Department of Botany	Yadava College (Men"s), Madurai	2021-2024

Position	Institution	Period
Board of Study Member in the Department of Microbiology	Nehru Arts and Science College, Coimbatore.	2019-2022
Board of Study Member in the Department of Microbiology	ANJAC & SFR College, Sivakasi	2019-2022
Board of Study Member in the Department of Microbiology	V.H.N.S.N College, Virudhunagar and Madurai Kamaraj University, Madurai	2012-2015

Acted as **External Examiner** for various universities and autonomus colleges since 1998. Some notable Universities are MS University,Tirunelveli , Mother Teresa University,Kodaikanal,Periyar University,Salem , Noorul Islam Centre for Higher Education, Madurai Kamaraj University, Madurai.

RESEARCH PUBLICATIONS

Authors	Title of the paper	Journal	Year
Sivagamasundari, T., Jeyakumar N. and Manivannan G	Plasmid Encoded Genes Specifying Diesel Oil Degradation from <i>Bacillus sp</i> and <i>Enterobacter hormaechei</i>	International Journal of Current Research in Life Sciences. 2018. 7(02):1009-1011	2018
G.Manivannan and K. Rajarathinam	Characterization of Newly Isolated Phosphate Solubilizing Bacterial Strain <i>Burkholderia anthina</i> from rhizosphere soil of Tomato	International Journal of Innovations in Agricultural Sciences (IJIAS). 2018. 2(4); 220-229	2018
Periyasamy Rameshkumar, Shanmukhanand Pothana, SurulirajManikandan and Govindasamy Manivannan	Sulphur oxidizing bacteria (sob): optimization of their physiological characteristics	Asian Jr .of Microbiol. Biotech.Env.Sc. 16 (3) : 593- 600	2014
Periyasamy Rameshkumar, Shanmukhanand Pothana, Govindasamy Manivannan and Suruliraj Manikandan	Microbiological and Molecular Characterization of Sulphur Oxidizing <i>Pseudomonas sp.</i> PRK786 Isolated From Cattle Manure Compost	International Journal of Advanced Research. 2(3) :714-722	2014
Periyasamy Rameshkumar, Shanmukhanand Pothana, Govindasamy Manivannan and Murugasan Murali	Heavy Metal Response Behaviors Of Sulfuroxidizing <i>Pseudomonas sp.</i> PRK786	International Journal of Advanced Biotechnology and Research15(2).106-116	2014

Authors	Title of the paper	Journal	Year
Periyasamy Rameshkumar, Shanmukhanand Pothana, Koppulan Vijayaraj, Govindasamy Manivannan and Prabhu	Identification and Purification of Membrane-bound NAD (P) + - Dependent d-Glucose Dehydrogenase (nGDH) and Thiosulfate Dehydrogenase (TDH) from Cattle Manure Sulphur-Oxidizing Pseudomonas PRK786	International Journal of Advanced Research 2(5) :665-674	2014
J.Fredrick and G.Manivannan	The problem of climate change and interlinking of rivers	Kisan World.39(5):28-30	2012
Karthikeyan Krishnamoorthy, Govindasamy Manivannan , San Jae Kim, Kadarkaraithangam Jeyasubramanian, Mariappan Premanathan	Antibacterial Activity of MgO Nanoparticles based on peroxidation by oxygen vacancy	J.Nanopart.Res.14:1063 [Springer Science Publication, Impact factor: 3.287(2011)]	2012
G.Manivannan , S.Venkatesan, M.Kirithika and K.Rajarathinam	Studies on Phosphate Solubilizing Microorganisms Isolated from the Rhizosphere Soils of Tomato and Chilli	College Sadhana-Journal for Bloomers of Research.4:283-287	2011
Mariappan Premanathan, Krishnamoorthy Karthikeyan, Kadarkaraithangam Jeyasubramanian, Govindasamy Manivannan	Selective toxicity of ZnO nanoparticles toward Gram positive bacteria and cancer cells by apoptosis through lipid peroxidation	Nanomedicine: Nanotechnology, Biology and Medicine. 7:184-192 [Elsevier Inc Publication, Impact factor. 6.930 (2012)]	2011
Jeyakumar Williams, P.Samuel Naveen, G.Manivannan , V.Ajithkumar and M.Premanathan	Culture and Sensitivity Pattern of Candidiasis in HIV/AIDS patients	Indian Medical Gazzette,307:379-383	2003

New Phosphate Solubilizing Microorganisms Submitted in GenBank(NCBI)

S.No	Identified Organisms	GenBank Number/Accession Number	GI Number
1	<i>Burkholderia anthina</i>	JXO25731.1/ XO25731	392283719
2	<i>Paenibacillus sp</i>	FJ938235.1/ FJ938235	238579802
3	<i>Acinetobacter calcoaceticus</i>	FJ972682.1/ FJ972682	238632215
4	<i>Burkholderia sp</i>	JX025732.1/ JX025732	392283720

BOOK CHAPTER

Authors	Title of the Chapter	Book	Year
Shanmugapriya S., Manivannan G. , Selvakumar Gopal, and Sivakumar Natesan.	Extracellular Fungal Peroxidases and Laccases for Waste Treatment: Recent Improvement. A. N. Yadav et al. (eds.),	Recent Advancement in White Biotechnology Through Fungi, Fungal Biology. Springer Nature Switzerland AG	2018

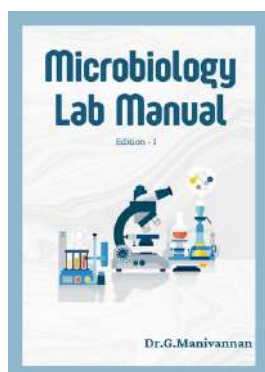
PUBLICATION IN PROCEEDINGS

Authors	Title of the paper	Proceedings	Year
Shanmuapriya S, Muthurayar.T, Sivakumar.N, Manivannan.G*	Biomarker Technology - A device to monitor and predict environmental toxicity	Proceedings of NCIB- 2017 Bioprocess Technology- ISBN-978- 93-86568-22-9	2017
Mariya Dhivya, S, Sathiya S.M, G.Manivannan, M.A.Jothirajan	A comparative study on the biopolymer functionalized iron oxide Nanocomposite for antimicrobial activity	Materials Today Proceedings 3: 3866-3871	2016
Sathiya S.M, G.S. Okram, S.Mariya Dhivya, G.Manivannan, M.A.Jothirajan	Interaction of Chitosan/Zinc Oxide nanocomposites and their antibacterial activities with <i>Escherichia coli</i>	Materials Today Proceedings 3: 3855-3860	2016
N.C.J. Packia Lekshmi. S, Viveka, M.B. Viswanathan, G. Manivannan and T. Mini Shobi	GC-MS Characterization of Volatile Odorous Compounds in <i>Allium Cepa</i>	Nanobio Pharmaceutical Technology Applications and Perspectives ELSEVIER 488- 494	2014

BOOK WRITTEN

Title : Microbiology Lab Manual

ISBN - Applied



GOOGLE CITATION INDEX



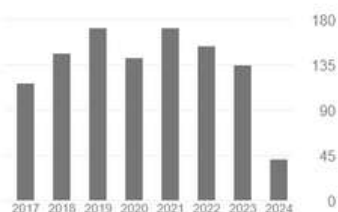
Manivannan Govindasamy
Professor of Microbiology, Hindustan
College of Arts & Science
No verified email
Microbiology



Cited by [VIEW ALL](#)

All Since 2019

Citations	1530	812
h-index	5	4
i10-index	4	4



Link for reference : <https://scholar.google.com/citations?user=zv9L4fAAAAAJ&hl=en>

INDUSTRIAL EXPERTISE

- **Established and managed** a prototype model and commercial spirulina production unit in Madurai in 2002, starting with a fermentation capacity of 15,000 liters.
- Achieved an annual production of 0.5 tons of dry mass, which increased to 72,000 liters and 2.0 tons respectively through continuous monitoring.
- Conducted annual training programs to **educate and motivate over 1500 students** in Spirulina production biotechnology, fostering entrepreneurship skills.
- Extended training to **self-help groups in Tamilnadu**, benefiting approximately **250 individuals**.
- Served as a **consultant** for Higrow Biotech and Diamond Agro Farms, offering **expertise in Spirulina production technology** with a budget of **18 Lakhs and 10 Lakhs** respectively.
- Delivered **invited lectures** at various international, national, and college association functions on Spirulina production technology and its health benefits.
- Extended consultancy services to JM Agro Farms, Madurai, for **cucumber cultivation** under **polyhouse technology** from 2017 to 2021 with a budget of **56.5 Lakhs**.



Personally Designed Prototypes of Spirulina Production Tank

SUCCESSFULLY DELIVERED INDUSTRIAL PROJECTS

Company Name	Higrow Biotech, Madurai
Year of project	2016
No. of Tanks Constructed	3 Nos
Production capacity	3x 70000 lit
Harvesting System	Motorized pumping system
Agitation	Paddle Wheel type
Drying	Sundried
Project Cost	18 lakhs



Higrow Biotech, Madurai Industry View

Company Name	Diamond Agro Product, Vembar, Tuticorin
Year of project	2016
No. of Tanks Constructed	2 Nos
Production capacity	2x 27000 lit
Harvesting System	Motorized pumping system
Agitation	Paddle Wheel type
Drying	Sundried
Project Cost	10 lakhs



Diamond Agro Product, Vembar, Tuticorin Industry View

Company Name	JM Agro Farms, Madurai
Crop Type	Cucumber
Period of project	2017-2021
Farm type	Polyhouse
No. of Polyhouse Shed	3 Nos
Size of a Polyhouse shed	1008sqmt (25 cent)
Cost per Shed	13 Lakhs
Total Cost for Shed(3)	39 Lakhs
Irrigation Facilities(Water Tank, Motor etc.,)	6 Lakhs
Other Facilities (Store Room, Electrical room & Workers Room)	8 Lakhs
Plantation of cucumber (seeds & Preparation of Land)	2 Lakhs
Fencing	1.5 Lakhs
Total cost	56.5 Lakhs



JM Agro Farms Industry View

SUCCESSFULLY COMPLETED TNSCST PROJECTS

Title of the Project	Funding Agency	Duration
Production of silver nanoparticles by <i>Ocimum</i> leaf extract and analysis of antimicrobial properties	Tamilnadu State Council for Science and Technology, Chennai	2012-2013
Isolation and characterization of microbial pigments from marine microorganism and their effect on pathogens	Tamilnadu State Council for Science and Technology, Chennai	2010-2011
Molecular level identification and Characterization of petroleum degrading microorganisms isolated from oil spilled area	Tamilnadu State Council for Science and Technology, Chennai	2008-2009
Purification, Characterization and antimicrobial analysis of lectin isolated from marine red algae <i>Gracilaria edulis</i>	Tamilnadu State Council for Science and Technology, Chennai	2006-2007
Identification of <i>Candida sp</i> in HIV infected patients	Tamilnadu State Council for Science and Technology, Chennai	2001-2002
Potential of various Ayurvedic medicines as antimicrobial agents against pathogenic bacteria	Tamilnadu State Council for Science and Technology, Chennai	1999-2000

CONSULTANCY SERVICES OFFERED

- Established clinical laboratory and served as a consultant at Anbu Hospital, Theppakulam, Madurai.
- Established clinical laboratory and served as a consultant at Golden Hospital, Gomathipuram, Madurai-20
- Established microbiology laboratory and served as a consultant and mentor at Gnanamani Hospital, Sattur.
- Maintenance of microbiology laboratory at Gangai Mineral Water Company, Kochadai, Madurai.
- Established clinical laboratory and served as a consultant at Surgical Gastroenterological Hospital, Anna Nagar Madurai-20
- Established clinical laboratory and served as a consultant at Golden Hospital, Gomathipuram, Madurai-20

AWARD RECEIVED

Senior Educator and Scholar Award in Microbiology by National Foundation for Entrepreneurship Development, Coimbatore on 05.09.2021

ACADEMIC PROJECTS COMPLETED

Ph.D

Isolation, Characterization and Efficiency of Phosphate Solubilizing Microorganisms Isolated from soil

M.Phil

Characterization of Phosphate Solubilizing Microorganisms isolated from rhizosphere soils and their effects on the growth of Tomato and Chilli plants

Post Graduation

Preliminary studies on antimicrobial substances from *Acalypha indica*, *Parthenium hysteroporus* and *Tridax procumbens* against selective microorganisms

OTHER ACCOMPLISHMENTS

RESEARCH PAPERS PRESENTED IN CONFERENCES

Title of the Paper	Seminar / Conference	Organized by
Isolation and partial characterization of blue pigment isolated from <i>Pseudomonas sp</i> during fipronil biodegradation	National Conference on Innovations and New Horizons in Algal Technology and Biotechnology –Ora-2015	KCET, Virudhunagar on 26th & 27th Feb 2015.
Study on Phosphate solubilizing Microorganisms isolated from soil	National Seminar on Biotechnological Interventions in Green Technology For Sustainable Agriculture (BIGSTA'11)	Manonmaniam Sundaranar University, Alwarkurichi on 22nd -24th Sep 2011.
Studies on Phosphate solubilizing Microorganisms isolated from soil	International Conference on Biotechnology For a Better Life-2010	Kalasalingam University, Krishnankovil on 15th -16th Nov 2010
Studies on the growth and biological constituents of <i>Spirulina platensis</i> at different growth conditions	International Colloquium on Emerging Biotechnologies in Agriculture, Animal Health and Productivity	Alagappa University from 22nd to 26th Feb, 2009
Characterization of Phosphate solubilizing Microorganisms isolated from rhizosphere soil	48th Annual conference of AMI	IIT Madras, Chennai from 18th to 21st Dec, 2007
Studies on Phosphate solubilizing Microorganisms isolated from rhizosphere soil	National Seminar on Recent Advances in Plant Biology	V.H.N.S.N. College, Virudhunagar on 10th & 11th Aug, 2006.

INVITED TALKS

Topic	Organized by	Period
Workshop on <i>Spirulina</i> Production	Department of Microbiology and Chemistry, PERI College of Arts and Science, Chennai	19.02.2024
Workshop on Bioproducts	Department of Microbiology, HCAS, Chennai	07.02.24
Entrepreneurial Approach on Mass Cultivation of <i>Spirulina</i>	DST sponsored Training Programme on Entrepreneurship, Kalasalingam Technology Business Incubator, Kalasalingam Academy of Research and Education, Krishnankoil	31.08.2023
Workshop on Entrepreneurial Approach on Mass Cultivation of <i>Spirulina</i>	Department of Microbiology, PSG College of Arts and Science, Coimbatore	14.08.2023
Workshop on <i>Spirulina</i> Cultivation	Department of Botany, VOC College, Thoothukudi	31.07.2023

Topic	Organized by	Period
Workshop on Production and Entrepreneurship Approach on Spirulina and Nanoparticles	Department of Microbiology, St.Mary's College Thoothukudi	07.03.2023
Symposium on Innovations in Microbial Products Development	Department of Microbiology, Karpagam Academy of Higher Education, Coimbatore	29.09.2022
Training programme for School Teachers-Recent Perspectives in Biology	PG & Research Department of Zoology, Vivekananda College, Tiruvudagam west Under DBT-Star Scheme	22.07.2022
Workshop on Entrepreneurship Opportunities in Life Sciences	Entrepreneurship Development Cell, Nagarathinam Angalammal Arts & Science College, Madurai	30.03.2022
Entrepreneurial Approach on Spirulina Production	Department of Zoology(Under DBT Star College Scheme), NMSSVN College, Madurai	28.03.2022
Hands -on training on Spirulina Cultivation	Department of Biotechnology, V.V. Vanniaperumal College for Women, Virudhunagar	23.03.2022
Startup Strategies for Mass Cultivation of Algae	Department of Microbiology, PSG College of Arts and Science, Coimbatore	17.07.2021
National Webinar on Industrial Spirulina Production Technology	Department of Microbiology, ANJA College, Sivakasi	02.06.2021
Advanced Forensic DNA Technology	Two Days National Level Virtual Conference on Technological Advancements in Forensic Science, Department of Allied Health Sciences, Forensic Science Division, Noorul Islam Centre for Higher Education	07.05.2021& 08.05.2021
Workshop on Spirulina Production Technology	Research Department of Botany,VHNSN College, Virudhunagar	05.03.2021
Innovative Ideas for Research paper Writing	Institution's Innovation Cell, St. Mary's College (Autonomous) Thoothukudi	19.12.2020
Entrepreneurial approach on Spirulina Production Technology	Department of Biotechnology, Kalasalingam Academy of Research and Education, Krishnankoil	10.07.2020
Workshop on Spirulina Production Technology	Department of Botany, VOC College, Thoothukudi	04.02.2020

Topic	Organized by	Period
Production of Mushroom Technology	NSS Camp, P.K.N Arts and Science College, Thirumangalam	07.01.2020
Workshop on SCP production	Department of Biotechnology and Bioinformatics, Bishop Heber College, Trichy	19.09.2019
Spirulina Production Technology in Entrepreneurship Awareness Camp	P.K.N Arts and Science College, Thirumangalam	07.08.2019
Spirulina Production technology	Department of Zoology, Kamaraj College, Thoothukudi	26.09.2018
Spirulina Cultivation Technology	Department of Zoology, VHNSN College, Virudhunagar	20.01.2018
Spirulina cultivation and the challenges faced	TNSCST Sponsored program for rural people at Virudhunagar District, Department of Microbiology, ANJA College, Sivakasi	11.10.2017
Application and Production of Spirulina in Microbiology Association	Department of Microbiology, PKN Arts and Science College, Thirumangalam	28.01.2017
Spirulina Processing Technology	Department of Biochemistry, Rev. Jacob Memorial Christian College, Ambilikkai	20.12.2016
Industrial production of Spirulina	Two days' workshop on Algal and Mushroom production technology, Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhunagar	15.09.16
Spirulina Production Technology	Department of Biotechnology, Sri Kaliswari College, Sivakasi	02.07.2015
Microbiological Analysis of Clinical Specimens	Department of Microbiology, VHNSN College, Virudhunagar	19.02.2015
Spirulina Production Technology	National Level Seminar on Emerging Trends in Microbiology, P.G. Department of Zoology, Rani Anna Govt. College for Women, Tirunelveli	19.02.2015
Production of Spirulina	Department of Microbiology, ANJA College, Sivakasi	10.02.2015
Production and Application of Spirulina	State Level Symposium on Recent Trends in Biological Sciences- Micro Orbis"15, Department of Microbiology, Sri Ram Nallamani Yadav College of Arts & Science & Pharmacy, Tenkasi	21.02.2015

Topic	Organized by	Period
Infectious Diseases	Department of Biomedical Engineering, RVS School of Engineering and Technology, Dindigul	21.02.2013
Spirulina Production Technology for Healthy Future	International Conference on Phytochemicals in Health and Disease: Challenge and Future Opportunities (ICPHD-2013), Department of Biochemistry & Biotechnology in Collaboration with Faculty of Marine Sciences, Annamalai University, Annamalai Nagar	23.01.2013 to 25.01.2013
Spirulina in Health	National seminar on Milieu Health 2011, Department of Microbiology and Biotechnology, Udaya College of Arts and Science, Vellamodi, Tamilnadu	08.02.2011
Spirulina Production Technology	International seminar on Microbes-Elixir of life, Dr.MGR-Janaki College for Arts and Science, Chennai	28.10.2010 and 29.10.2010
Spirulina Cultivation Training program for women self help group of Virudhunagar district	V.H.N.S.N. College, Virudhunagar	10.10.2009 to 13.10.2009
Industrial Spirulina Production Technology	Department of Microbiology, V.H.N.S.N.College, Virudhunagar	03.03.2009
Spirulina Biotechnology	Department of Microbiology, Kamaraj College, Thoothukudi	22.02.2008
Microbial Feed	Department of Zoology, Kamaraj College, Thoothukudi	15.02.2008
Collection, Transport and Processing of Clinical specimens	Nehru College of Arts and Science, Coimbatore	10.08.2007
Spirulina Production	Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur	12.10.2006
Spirulina Production Technology	Department of Microbiology, Kamaraj College, Thoothukudi	24.09.2006
Biological N ₂ Fixation	Department of Microbiology, N.S College, Theni	31.10.2003

SEMINARS AND WORKSHOPS ORGANIZED

Topic	Institution	Period
A Two days International Conference on Biotechnological trends for a Sustainable Future	The American College, Madurai	January,2023
National Seminar on Bioentrepreneurship	N.M.S.S.V.N College, Madurai.	February, 2018
National Level Seminar on Perspectives of Coral ecosystem	N.M.S.S.V.N College, Madurai.	March, 2016
National Seminar on Future Prospects in Omics	N.M.S.S.V.N College, Madurai	March, 2012
National Seminar on Trends in Bioprospecting	N.M.S.S.V.N College, Madurai.	December, 2012
National Level Seminar on Recent Trends in Genomics	N.M.S.S.V.N College, Madurai.	March, 2010
State Level Workshop on Diagnosis of infectious diseases	N.M.S.S.V.N College, Madurai.	March, 2017
State Level Workshop on Bioinformatics	N.M.S.S.V.N College, Madurai.	January, 2011
State Level Symposium on Recent Trends in Advanced Molecular Microbiology	N.M.S.S.V.N College, Madurai.	October, 2000

SEMINARS AND WORKSHOPS ATTENDED

Topic	Organized by	Period
Workshop on Arts and Science of Methodical Scientific Writing & Publishing in a High Impact Journal	The American College, Madurai	06.03.2023
UGC Sponsored Seminar on Examination Reforms	N.M.S.S.V.N College, Madurai.	22.2.2014
Seminar on Kalviyenum Velvizhi	N.M.S.S.V.N College, Madurai.	01.02.2014
Seminar on Creations of Top-Class Institutional Facilities in Universities and Colleges	Madurai Kamaraj University, Madurai	28.09.2012 & 29.09.2012
Science Academics Lecture Workshop on Recent Advances in Biotechnology of Health and Disease	School of Biotechnology, Madurai Kamaraj University, Madurai	7.10.2011 & 8.10.2011
National Seminar on Banana Processing and Value Addition	Sri Sankara Educational & Charitable Trust, Trichy	27.03.2010 & 28.03.2010

Topic	Organized by	Period
Conference on Biotechnology, Fusion of Advanced Research and Teaching	School of Biotechnology, Madurai Kamaraj University, Madurai	02.01.10 to 04.01.10
Orientation Programme for Science Faculty members	N.M.S.S.V.N College, Madurai.	11.02.2009 to 14. 02.2009
State Level Seminar on Examination reforms	N.M.S.S.V.N College, Madurai	16.02.2008
4th International Symposium on Biocontrol and Biotechnology	Lady Doak College, Madurai	27.11.06 to 29.11.06
Citizenship Training Program	N.M.S.S.V.N College, Madurai	16.03.2005
National Seminar on Biology and Biotechnology of Cyanobacteria	Center for BGA Biofertilizer, School of Biological Sciences, Madurai Kamaraj University, Madurai	22.04.1995
Symposium on Sericulture	Dept of Zoology, Vivekananda College, Thiruvudagam West	10.12.1993

TRAINING PROGRAMS ATTENDED

Programme	Organized by	Period
Microbial Techniques	Centre of Advanced Study in Marine Biology, Annamalai University	16.03.2014 & 17.03.2014
Routes of administration on animal	Dept. of Pharmacology, Sankaralingam Bhuvaneshwari College of Pharmacy, Sivakasi	16.09.2011
Hands on Training for Teachers, Engineering students & research scholars on Application of PCR in Molecular Marker Techniques & Diagnosis	Sri Paramakalyani College, Alwarkurichi	8.11.2010 & 9.11.2010
Mushroom Cultivation	TNAU, Madurai	16.02.2009
Vermi Composting	TNAU, Madurai	04.10.06
Training on Medical Microbiology Techniques	Meenakshi Mission Hospital, Madurai	28.06.1996 to 28.09.1996 (3 Months)

EXTRACURRICULAR ACTIVITIES

- Participated in ten days special camp on **Youth for Rural construction/Mass Literacy** organized at Thiruvallavayanallur organized by National Service Scheme, Madurai Kamaraj University from 29.04.1992 to 8.05.1992
- Attended **Adventure of Cycle Expedition** from Thiruvalladagam west to Manjalar Dam covering total distance of 140 Kms in one day organized by National Service Scheme, Vivekananda College, Thiruvalladagam west on 28.03.1993
- Participated in **English Enrichment camp** conducted at Vivekananda College, Thiruvalladagam west from 24.06.1993 to 28.06.1993

NEWS GALLERY



Resource person – Spirulina Cultivation Training program for women self help group of Virudhunagar district held at V.H.N.S.N. College, Virudhunagar from 10.10.2009 to 13.10.2009



Resource person – “Spirulina cultivation and the challenges faced” TNSCST Sponsored program for rural people at Virudhunagar District organized by the Department of Microbiology, ANJA College, Sivakasi on 11.10.2017



REFERENCES

Dr.K.Rajarathinam

Associate Professor & Guide (Rtd)

Department of Botany

Virudhunagar Hindu Nadars" Senthikumara Nadar College (Autonomous), Virudhunagar, Tamilnadu.

Pincode-626 001

Phone: +91-4562 -280154 (Off),

Fax : +91-4562 -281338 (Off)

Mobile: +91-9443126859,

E-mail: krrathinam@yahoo.co.in

Dr.M.Hussain Munavar

Professor and Head, Department of Molecular Biology

Madurai Kamaraj University, Madurai, Tamilnadu.

Pincode- 625 021

Phone: +91-452- 2458210 (Off), +91-452- 2456299 (Resi)

Fax:+91-452 - 2458471(Off)

Mobile: +91-9486230021,

E-mail: munavar@nrcbsmku.org , munvar@rediffmail.com

Dr.B. Ashokkumar

Associate Professor,

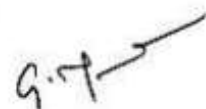
Department of Genetic Engineering

School of Biotechnology

Madurai Kamaraj University Madurai - 625 021, Tamil Nadu.

Mobile: 9976147644

Email: rbashokkumar@yahoo.com



Dr..Manivannan.G