

CURRICULUM VITAE



S. MURUGAN

S/O B. SEVANAN

KENGARAI (POST)

KOTHAGIRI (TK)

THE NILGIRIS – 643217

TAMIL NADU, INDIA

MOBILE No: + 91 98420-53851, +91 7358992623

E mail ID: micromurugans@gmail.com

murugan@karunya.edu

CAREER OBJECTIVE

A growth oriented and challenging career with an organization of very good repute, ethics and excellent working environment where I can excel my biological skills to the fullest for the development of the organization while being resourceful, innovative and flexible.

PERSONAL DETAILS

Name	:	S. Murugan
Date of Birth	:	04.04.1976
Age	:	41 yrs
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian
Social Status	:	Most Backward Community

ACADEMIC QUALIFICATIONS

Degree	Major	Specialization	Year of passing	University	% of Marks
B.Sc	Microbiology	Microbiology	1996	Bharathiar University, India	66.7
M.Sc	Microbiology	Microbiology	1998	Manonmaniam Sundaranar, India	62
Ph.D	Microbiology	Microbiology	2009	Bharathiar University, India	Awarded
PGDNBT	Nanobiotechnology	Nanobiotechnology	2010	Life Science Foundation of India	First Class with Distinction, 2010
PGDHE	Higher Education	Higher Education	2011	IGNOU, New Delhi	Completed

TEACHING EXPERIENCE

Name & Address of the Institution / Concern	Position held	From	To	Total Years of Service		Accredited by NAAC / NBA
				Years	Month	
Bharathidasan College of Arts and Science, Erode, India	Lecturer in Microbiology	20.07.1998	09.07.2004	6	0	ISO
Dr.N.G.P Arts and Science College, Coimbatore, India	Lecturer / Assistant Professor in Microbiology	12.07.2004	23.07.2008	4	0	NAAC
Karunya University, Coimbatore, India	Assistant Professor (SG)	24.07.2008	Till date	7	10	NAAC

Total Years of Experience: 18 Yrs 6 Months

Research Publications

1. Jerusha A. Hema, Rajkumari Malaka, Narayanan P. Muthukumarasamy, Akilandeswari Sambandam, Subakanmani Subramanian, **Murugan Sevanan** (2016) Green synthesis of silver nanoparticles using *Zea mays* and exploration of its biological applications *IET Nanobiotechnology* DOI: 10.1049/iet-nbt.2015.0103 [IF: 1.5]

2. Rajkumari Malaka, Jerusha A Hema, Narayanan P Muthukumarasamy, Akilandeswari Sambandam, Subakanmani Subramanian, **Murugan Sevanan** (2015) Green Synthesis of Silver Nanoparticles Using *Cosmos Sulphureus* and Evaluation of Their Antimicrobial and Antioxidant Properties. *NanoBiomedEng*, 7(4): 160-168.
3. Narayanan P. Muthukumarasamy, Beenie Jackson, Antony Joseph Raj, and **Murugan Sevanan** (2015) Production of Extracellular Laccase from *Bacillus subtilis* MTCC 2414 Using Agroresidues as a Potential Substrate. *Biochemistry Research International*, Article ID 765190, 9 pages
4. P.M. Narayanan, **S. Murugan**, A.S. Eva, S.U. Devina and S. Kalidass Application of Immobilized Laccase from *Bacillus subtilis* MTCC 2414 on Decolourization of Synthetic Dyes (2015). *Research Journal of Microbiology 10 (9): 421-432*.
5. P.U. Megha, **S. Murugan** and P.S. Harikumar (2015). Identification of bacterial strains and GIS-based buffer analysis of Canoli canal, Kozhikode, Kerala, India. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 6(1): 1475-1483.
6. P.U. Megha, P. Kavya, **S. Murugan** and P.S. Harikumar (2015). Sanitation mapping of Groundwater Contamination in a Rural Village of India. *Journal of Environmental Protection*, 6: 34-44.
7. Narayanan P, Muthukumarasamy and **Sevanan Murugan** (2014). Production, Purification and Application of Bacterial Laccase: A Review. *Biotechnology*, 13 (5), pg no: 196-205.
8. MT. Santhiya, **S. Murugan**, PM. Narayanan and K. Panneerselvam. Evaluation of Hygienic and Morbidity Status of Food Handlers at Eating Establishment in Coimbatore District, South India – An Empirical Study. *Current Research in Nutrition and Food Science*, 2(3):131-135, 2014.

9. Neetu Peedikayil John and **Sevanan Murugan** (2014). Biofilm Formation by Methicillin Resistant *Staphylococcus aureus* and their Antibiotic Susceptibility Pattern: An in vitro Study. ***Current Research in Bacteriology***, 7(1); pg no 1-11.
10. Subakanmani S, **Murugan S**, Umadevi P (2014). In Vitro antioxidant potential of ethanolic extract of *Hypericum Hookerianum* and its glycosidic flavonoid enriched extract. ***International Journal of Phytomedicine***, 6(1); pg no: 122-131.
11. Gandepalli Pratap Kumar, Jeya Sundara Sharmila and **S. Murugan** (2014). Docking of CTX-M-9 group of enzymes with drugs and inhibitors and their evolutionary relationship. ***Asian Journal of Pharmaceutical and Clinical Research***, 7(1): 237-242.
12. A.Jesline, Neetu P.John, P.M.Narayanan, C.Vani, **Sevanan Murugan** (2014). Antimicrobial activity of zinc and titanium dioxide nanoparticles against biofilm –producing methicillin-resistant *Staphylococcus aureus*. ***Applied Nanoscience***, DOI 10.1007/s13204-014-0301-x.
13. Poovendran P, Vidhya N and **Murugan S** (2013). Antimicrobial susceptibility pattern of ESBL and non-ESBL producing Uropathogenic *Escherichia coli* (UPEC) and their correlation with biofilm formation, ***International Journal of Microbiological Research***, 4(1): 56-63.
14. Dipankar Chaudhuri and **Murugan S** (2012). Phytochemical composition of the extract from *Iresine Herbstii* and its therapeutic use via antioxidant cytotoxic potential by multiple in vitro assays, ***International Journal of Phytomedicine***, 4(4): (IF 0.89)
15. Dipankar Chaudhuri and **Murugan S** (2012). Investigation on Phytochemicals and Antibacterial Activity of the Leaf and Stem Extracts of *Iresine Herbstii*. ***International Journal of Pharma and Bio Sciences***, 3: 697-705. (IF 0.47)
16. P.M.Narayanan, Wijo Samuel Wilson, Ashish Thomas Abraham and **Murugan S** (2012). Synthesis, Characterization, and Antimicrobial Activity of Zinc Oxide Nanoparticles against Human Pathogens. ***BioNanoScience***, 2: 329-335.

17. Dipankar and **S. Murugan** (2012). The green synthesis, characterization and evaluation of the biological activities of silver nanoparticles synthesized from *Iresine herbstii* leaf aqueous extracts. *Colloids and Surfaces B: Biointerfaces*, 98; 112– 119. **(IF 3.456)**
18. Poovendran Ponnusamy, Vidhya Natarajan, **Murugan S** (2012). In vitro biofilm formation by uropathogenic *Escherichia coli* and their antimicrobial susceptibility pattern. *Asian Pacific Journal of Tropical Medicine*, 210-213. **(IF 0.172)**
19. Dipankar C and **Murugan S** (2012). In Vitro Antioxidant and Cytotoxic Activity of Leaves and Stem Extracts of *Ecobolium linneanum*. *International Journal of Pharma and Bio Sciences*, 3(3): 112-120. **(IF 0.47)**
20. Tamil Selvi Sivanmaliappan and **Murugan S** (2012). Antimicrobial Susceptibility Patterns of *Pseudomonas aeruginosa* from Diabetes Patients with Foot Ulcers. *International Journal of Microbiology*.
21. Dipankar Chaudhuri, Arun K. Pathak and **Murugan S** (2011). Phytochemical screening and antimicrobial activity of extracts from leaves and stem of *Ecobolium linneanum*. *Bangladesh Journal of Pharmacology*, 6: 7 pages.
22. **Murugan. S**, Arnold D, Pongiya Uma Devi and Narayanan PM (2011). Production of Xylanase from *Arthrobacter* sp. MTCC 6915 Using Saw Dust As Substrate under Solid State Fermentation. *Enzyme Research*, 7 pages.
23. Sinosh S, Arpitha B, Mahajanakatti NS and **S. Murugan** (2011). Selection of herbal therapeutics against delta toxin mediated Clostridial infections. *Bioinformation*, 6(10); 375-379. **(IF 1.11)**
24. **S. Murugan**, P.Uma Devi, P.Neetu John (2011). Antimicrobial susceptibility pattern of biofilm producing *E. coli* of urinary tract infections. *Current Research in Bacteriology*, 4(2); 73-80.

25. **S. Murugan**, Jayanthi, P.Uma Devi, P.Neetu John (2011). Prevalence and antimicrobial susceptibility pattern of Extended Spectrum Beta Lactamases producing *E. coli* in diabetic foot infection. *Research Journal of Microbiology*, 6(7); 609-617.
26. Selvi .S, P.Uma Devi, **S.Murugan**, Giftson Senapathy (2011). Anticancer potential evoked by *Pleurotus florida* and *Calocybe indica* using T24 urinary bladder cancer cell line. *African Journal of Biotechnology*, 10(37); 7279-7285. (IF 0.573)
27. **Murugan. S**, P.Uma Devi, N.Kannika Parameswari and K.R.Mani (2011). Antimicrobial activity of *Syzygium jambos* against Selected Human Pathogens. *International Journal of Pharmacy and Pharmaceutical Sciences*, 3(2); 44-47.
28. P. Poovendran, N. Vidhya and **S. Murugan** (2011). Antimicrobial Activity of *Coccinia grandis* Against Biofilm and ESBL Producing Uropathogenic *E. coli*. *Global Journal of Pharmacology*, 5(1); 23-26.
29. Dipankar.C, **S.Murugan**, Uma Devi (2011). P Review on Medicinal and Pharmacological properties of *I.herbstii*, *C.rotteri*, *E.linneanum*. *African Journal of Traditional and Alternative Complementary Medicine* 8(S):124-129. (IF: 0.457)
30. **Murugan. S**, R. Bakkiya Lakshmi, P.Uma Devi and K.R.Mani (2010). Prevalence and Antimicrobial Susceptibility pattern of Metallo beta lactamase producing *Pseudomonas aeruginosa* in Diabetic Foot Infection. *International Journal of Microbiological Research*, 1(3); 123-128.
31. **Murugan. S**, Sabarimuthu, Uma Devi, P and C.Gnanadesigan (2010). Awareness about HIV/AIDS among adolescent boys in tribal villages of Nilgiris district, South India. *Humanity and Social Sciences Journal*, 5(1); 63-67.

32. **S. Murugan**, P.Uma Devi and S.Tamil Selvi (2010), Seroprevalence of HbsAg and Elevated Serum Alfafetoprotein among the Fishermen Community of Tuticorin, Tamil Nadu, South India. *Journal of Indian Academy of Clinical Medicine*, 11(3); 180-183.
33. P.Uma Devi, **S.Murugan** and Giftson Senapathy (2010). Sleep Strengthens Memories. *Journal of Clinical and Diagnostic Research* (4): 2105-2110.
34. P. Uma Devi, N.Kannika Parameswari and **S. Murugan** (2009). Correlation between viral load and Immunity of HIV Carriers. *The International Journal of Health*, 9; 1114-1118.
35. P.Uma Devi and **S. Murugan**, S.Suja, S.Selvi and P.Chinnaswamy (2009), Antimicrobial and anticarcinogenic effect of *Dendrobium nobile*. *African Journal of Biotechnology*, 8(10); 2289-2293.
36. **Murugan. S**, Uma Devi.P, Selvi.S, Mani. K.R and P. Chinnaswamy (2008). Antimicrobial potential of Ethanolic Extracts of *Indian Propolis* (EEIP'S) against human pathogens. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, 10(3); 557-561.
37. **Murugan. S**, Uma Devi.P, Suja.S (2008). Efficacy of Chitosan on growth of Yeasts and growth and Sporulation of Molds. *South Asian Journal of Socio-Political Studies*, 8(2); 88-90.
38. **Murugan. S**, Uma Devi.P, and Suja.S (2008). Efficacy of chitosan against selected human pathogens under different environments. *Journal of Pure Applied Microbiology*, 2(2); 489-495.
39. **S. Murugan**, P. Uma Devi, P. Mahesh, S. Suja and K.R. Mani (2008). Production of tannase by *Citrobacter freundii* under solid state fermentation and its application in fruit juices debittering, *Biosciences Biotechnology Research Asia*, 5(1); 301-306.
40. **Murugan.S**, Uma Devi.P and S.Tamil Selvi (2008). Resistance pattern of *Pseudomonas* from diabetes patients with food ulcers to fluroquinolone group of antibiotics. *The Antiseptics*, 105(9); 447-449.

41. **Murugan.S**, Uma Devi.P and Mani.K.R (2008). Prevalence of Methicillin resistant *Staphylococcus aureus* among diabetes patients with foot ulcers and their antimicrobial susceptibility pattern. *Clinical and Diagnostic Research*, 2; 979-984.
42. **Murugan.S**, Uma Devi.P, S.Tamil Selvi (2008). Stem cells- A novel coin to treat diseases. *Trendz in Biotechnology* 4(5): 23 – 27.
43. **S. Murugan** and R.Anand (2008). Vegetation to control Soil Erosion. *Science Reporter*, 19-20.
44. **Murugan.S**, Anand.R, Uma Devi.P, Vidhya.N and Rajesh.K.A (2007). Efficacy of *Euphorbia millei* and *Euphorbia pulcherrima* on aflatoxin producing fungi *Aspergillus flavus* and *Aspergillus parasiticus*. *African Journal of Biotechnology*, 6(6); 718-719.
45. Anand. R, **Murugan.S** and K.Bhuvaneshwari (2007). Effect of three plant extracts on six dermatophytic isolates from human clinical cases. *Asian Journal of Microbiology. Biotechnology and Environmental Science*, 9(9); 273-276.
46. P. Uma Devi, **S. Murugan**, S. Suja, S. Selvi, P. Chinnaswamy and E. Vijayanand (2007). Antibacterial, in vitro Lipid per Oxidation and Phytochemical Observation on *Achyranthes Bidentata* Blume. *Pakistan Journal of Nutrition*, 6(5); 447-451.
47. S.Selvi, P.Uma Devi., S.Suja, **S.Murugan** and P.Chinnaswamy (2007). Comparison of Non-enzymic Antioxidant status of fresh and dried form of *Pleurotus florida* and *Calocybe indica*. *Pakistan Journal of Nutrition*, 6(5); 468-471.
48. **Murugan.S**, Uma Devi.P and Chinnaswamy.P (2007). Environmental Conservation - A Grand Road Map. *Indian Journal of Environmental Protection*, 27(7); 626-630.

Career Related Articles

1. Uma Devi.P and **Murugan S.** Career Prospects in Food Processing Engineering. *Employment News Weekly* 21-28 August 2011.
2. G.Ravindran, Isac Athisayam and **Murugan S.** Career Prospects and Opportunities in Biotechnology Management. *Employment News Weekly* 5-11, 12-18, March 2011.
3. Aiswarya, Abinaya Raghupathy and **Murugan S.** Career Prospects in Biomedical Engineering. *Employment News Weekly* 10-17 December 2010.
4. **Murugan.S** and Gowri.S. Career Prospects in Medical Tourism. *Employment News Weekly* 14-20 April 2007.
5. **Murugan.S.** Career Prospects in Microbiology. *Employment News Weekly* 22-28 April 2006.

General Articles

1. **Murugan.S,** Uma Devi.P, Mani.K.R and Chinnaswamy.P. Chikungunya Virus- Resurfaces after four decades. *Advanced Bio Tech Magazine*, V1 (06), November 2007.
2. **Murugan.S** and K.R.Mani, Vaccines: Panacea for problems and worries. *Advanced Bio Tech Magazine*, IV (8), March 2006.
3. **Murugan.S,** Bt Cotton and Farmers- A War between Nature and Technology, *Advanced Bio Tech Magazine*, V (01), July 2006.
4. **Murugan.S,** Bt Cotton – Pros and Cons. *Advanced Bio Tech Magazine*, IV (5), November 2005.
5. **Murugan.S,** Consumers can take a cautious approach towards GM- foods. *Advanced Bio Tech Magazine*, III (2), August 2004.
6. **Murugan.S,** Alzheimer's – Nomenclature for Old Age or Disease. *Employment News Weekly* 20-26 September 2003.
7. **Murugan.S,** Filariasis-The Highly Stigmatized Disease. *The New Indian Express*, 30th March 2002.

Publications in Regional Newspapers: 5

Awards

Received Best Research paper award for the academic year 2012 from Karunya University

Book Chapters/Proceedings Published

1. Neetu Peedikayil John and **Murugan S.** Methicillin Resistant *Staphylococcus aureus*: a legendary superbug. Proceedings title “Facets of Biotechnology” with ISBN No: 978-93-80485-35-5, pp. 36-50: 2013 by Sam’s Publishers, Chennai.
2. P.M. Narayanan and **Murugan S.** Application of ligninolytic enzymes in bioremediation. Proceedings title “Facets of Biotechnology” with ISBN No: 978-93-80485-35-5, pp. 176-186: 2013 by Sam’s Publishers, Chennai.
3. Giftson Senapathy and **Murugan S.** Chemosensitization by phytochemicals- A recent approach in cancer chemotherapy. Proceedings title “Facets of Biotechnology” with ISBN No: 978-93-80485-35-5, pp. 28-35: 2013 by Sam’s Publishers, Chennai.

FUNDED PROJECTS

1. Prevalence and Awareness of Asthma Among Brick Kiln Workers and Households of Selected Areas in South India- An Empirical Study, Funded by **Indian Council of Social Science Research (ICSSR)** - Fund Received: **Rs.3, 76, 250. (Completed)**
2. Pharmacodynamics and Molecular Studies on MRSA, Funded by **UGC (Maulana Azad National Fellowship)** - Fund Received: **Rs.10, 00,000. (Completed)**
3. Optimization of membrane immobilized Nanoparticles for textile dye colour removal, Funded by **Department of Biotechnology (DBT)** - Fund Received: **Rs. 25, 32,623. (Co-Principal Investigator) (On-going)**
4. Prevalence of depression among Engineering college students in Coimbatore City and the role of Zinc and Copper – An Explorative study, Funded by **Karunya Short Term Grant Seed Money** – Fund Received: **30,000. (CO-Guide). (Completed)**
5. Computers keyboards and mouse as a reservoir of microorganisms in computer centres and administrative office in Karunya University, Funded by Karunya University through **Karunya Short Term Grant- Seed Money** – Fund Received: **25,000. (Completed)**
6. Knowledge and Awareness about HIV/AIDS among Tribal Adolescent Boys of Nilgiris District, Tamil Nadu, Tamil Nadu State Council for Science and Technology Fund Received: **5,000 (2007-2008). (Completed)**
7. Solid Waste Management, Funded by Peace Trust, Dindigul and Ministry of Environment and Forestry (MoFF) Fund Received: **7,000 (2006-2007). (Completed)**
8. Biodiversity conservation, Funded by Peace Trust, Dindigul and Ministry of Environment and Forestry (MoFF) Fund Received: **8,000 (2007-2008). (Completed)**

RESEARCH GUIDANCE

Ph.D /M.Phil	Name of student	Date of registration	FT / PT	Co-guide, if any	Current status
M.Phil	-	2009	FT	Jeniffer Suganthi	Completed
M.Phil	-	2010	FT	Mohan Raj	Completed
Ph.D	Neetu John	Sept 2009	FT	Grace Nirmala	Completed
Ph.D	-	06.11.2009	FT	Giftson Senapathy	Completed
Ph.D	Subha Kanmani	06.11.2009	FT	-	Completed
Ph.D	P.M. Narayanan	14.11.2009	FT	-	Completed
Ph.D	P.Muthuswamy	19.11.2009	PT	-	In Progress
Ph.D	P.U. Megha	28.07.2012	PT	-	In Progress

ACADEMIC RESEARCH GUIDANCE – COMPLETED TILL MAY 2016

M.Tech: 13 students

M.Sc: 22 students

B.Tech: 40 students

ADMINISTRATIVE WORK

Department NACC, NBA, UGC Coordinator (Sep 2008 to till date)
 Department ISO (July-August 2011, 2012)
 Department Budget Coordinator (Oct 2008 to till date)
 Department IQAC Coordinator (June 2011 to till date)
 Department Extension Coordinator (June 2010-May2011)
 Department Internal Exam Coordinator (June 2010-May2011)
 Course Development People of Indian Origin University (August 2009)- Proposal submitted to Ministry of External Affairs
 Mindkraft (National Level Technical Symposium) – Department Coordinator- (2009 to 2011)
 Mindkraft (National Level Technical Symposium) Printing and Designing Coordinator (main): 2012, 2013, 2014 , 2015, 2016

SEMINARS – PAPER PRESENTATION / PARTICIPATION

S.No	Name of the Event	Date(s)	Address of the Institution/Organization where held	Title of the Paper Presented / Participated
	Refresher Course “ Experimental Biology: Orthodox to Modern”	7-19 th November 2016	PG and Research Department of Botany, St.Joseph’s College,	Participated

			Tiruchirappalli	
	National Workshop on “ Quality Enhancement in HEIs by the Effectiveness of Academic and Administrative Audit Issues and Challenges sponsored by NAAC	21-22 nd October 2016	IQAC, SNR SONS College, Coimbatore	Participated
	Awareness Workshop on Intellectual Property Rights	15 th September 2016	Karunya Incite-IPR Cell in Collaboration with IEEE student branch and Computer Society of India Karunya Chapter	Participated
	A Self Assessment Session	24 th June, 2016	Pollachi	Participated
	National Seminar on Animal Welfare and Ethics Sponsored by DBT, ICMR, DAE- BRNS, NABARD	11-12 th December, 2015	Department of Biotechnology, Karunya University, Coimbatore	Participated
	Salim Ali Memorial Lecture, SACON, Coimbatore	18 th December 2015	Salim Ali Centre for Ornithology and Natural History, Coimbatore	Participated
1	ELP- Level I at Outreach Foundation India	18 th October, 2014	Don Bosco, Kotagiri	Participated
2	Stimulating BioEntrepreneurs Talk	2-3 rd September, 2014	Tamil Nadu Agriculture University (TNAU), Coimbatore	Participated
3	Faculty Development Programme on Data Analysis using SPSS (SPSS South Asia Pvt. Ltd)	30.10.2013	Karunya University, Coimbatore	Participated
4	Orientation Programme	23.08.2013	Science Express- Biodiversity special - Vikram A Sarabhai Community Science Center (VASCSC)	Participated
5	National Workshop on Resource persons training on Training of Evaluation / Resource persons on Outcome Based Accreditation (National Board of Accreditation (NBA))	24.07.2013 – 26.07.2013	Bannari Amman Institute of Technology, Sathyamangalam	Participated

6	Faculty Development Programme on Road Safety and Health Issue	23.02.2013	Karunya School of Business Leadership and Management, Coimbatore	Participated
7	Staff Development Programme Advances in modern immunology and research, Sponsored by AICTE, Government of India	05.07.2011 - 18.07.2011	Karunya University, Coimbatore	Presented Immunological Response in Diabetic Foot Ulcers
8	Executive / Faculty Development Program	04.05.2011 - 07.05.2011	Sri Venkateswara College of Computer Applications and Management	Participated
9	Entrepreneurship in Vermicomposting	09.04.2010	Karunya University, Karunya Nagar, Coimbatore	Participated
10	Entrepreneurship Awareness Camp Sponsored by DST-NIMAT, Government of India	25.02.2010 - 27.02.2010	Karunya University, Coimbatore	Presented and Demonstrated Mushroom Cultivation
11	Hands on Training in HPLC	07.01.2010 - 08.01.2010	Karunya University, Coimbatore	Presented HPLC and its Applications
12	Short Term Training Programme on Immunological Techniques in Cancer Biology Sponsored by DBT, Government of India	08.10.2009 - 16.10.2009	Karunya University, Coimbatore	Presented Microorganisms and Cancer Response
13	National Level Research Training Programme on Innovative Nanobiotechnology and Molecular Techniques	24.06.2009 - 28.06.2009	Department of Nanobiotechnology (LFSI- Karnataka) and N.C.College of Engineering, Isarana, Panipat	Participated
14	Short Term Training Programme on Modern Immunotechnology Sponsored by ISTE, Government of India	23.03.2009 - 27.03.2009	Karunya University, Coimbatore	Presented Immunological basis in Inflammatory Response
15	Workshop on Project Proposal Writing	09.03.2009 - 10.03.2009	Karunya University, Coimbatore	Participated
16	National Workshop on Generation and Purification of Polyclonal and Monoclonal Antibodies for the Diagnosis	23.02.2009 - 27.02.2009	PSG College of Arts & Science, Coimbatore	Participated

	of Infectious Diseases Sponsored by UGC, Government of India			
17	Grant Writing Workshop Sponsored by ICMR, Government of India	21.01.2009	PEDICON, Bangalore	Participated
18	Workshop on Techniques in Microbiology for School Teachers	01.11.2006	Dr. N.G.P Arts & Science College, Coimbatore	Presented and Demonstrated Serial Dilution Technique, Pour Plate, Spread and Streak Plate Techniques
19	Motivation, Counseling and Commitment in Teaching Profession	10.06.2006	Dr. N.G.P College of Education, Coimbatore	Participated
20	National Workshop on Basic Techniques in Cell Culture and Virology, Sponsored by UGC, Government of India	03.10.2005 - 07.10.2005	PSG College of Arts & Science, Coimbatore	Participated
21	World AIDS Day Campaign (Rally)	01.12.2005	Bharathiar University Red Ribbon Club, Coimbatore and Tamil Nadu State AIDS Control Society, Chennai	Participated
22	Workshop on Red Ribbon Club Management	05.08.2005 - 06.08.2005	Tamil Nadu State AIDS Control Society, Chennai and Bharathiar University Red Ribbon Club, Coimbatore	Participated
23	Faculty Development Programme- Procedure for Assessment and Accreditation	17.01.2005	Dr. N.G.P Arts & Science College, Coimbatore	Participated
24	UGC Sponsored Refresher Course in Environmental Science (Interdisciplinary)	15.10.2004 - 04.11.2004	UGC-Academic Staff College, Bharathiar University, Coimbatore	Participated
25	Workshop on Research Methodology	06.02.2004 - 07.02.2004	PSG Institute of Medical Sciences and Research, Coimbatore	Participated
26	Special Training in Microbiology	16.06.1995 - 30.05.1995	King Institute of Preventive Medicine, Madras	Participated

NATIONAL SEMINAR

S. No	Name of the Event	Date(s)	Address of the Institution/Organization where held	Theme of the Seminar	Title of the Paper Presented / Participated
1	National conference	30-31 st March, 2015.	PG& Research Department of Botany, Thiagrajar College, Madurai	Recent Advances in industrial biotechnological skills development	Presented <i>Zea mays</i> husk mediated synthesis of silver nanoparticles and evaluation of their antimicrobial and antioxidant properties
2	National conference by Association of Microbiologist of India (AMI 2015)	13-15 th November 2014.	Tamil Nadu Agricultural University (TNAU), Coimbatore	Empowering Mankind with Microbial Technologies	Presented Biogenic synthesis and characterization of silver nanoparticles from <i>Cosmos sulphureus</i> leaf extract and its antimicrobial activity
3	11 th National Conference of Indian Association of Applied Microbiologist	29 & 30 th November 2013	PSG College of Arts and Science, Coimbatore	Recent Developments in Microbiology, Biochemistry and Biotechnology	Presented Synthesis And Characterization of Copper Nanoparticles using <i>Pseudomonas</i> sp. and its Antimicrobial Activity
4	National Seminar (National Academy of Biological Sciences)	20 th & 21 st July 2013	Bharathidasan University, Tiruchirapalli	National Seminar on Microbes and Human Welfare	Presented Efficacy of antibiotics and nanoparticles against biofilm and metallo- β -lactamase producing <i>Pseudomonas aeruginosa</i> -
5	National Conference	23 rd March 2013	Tamil Nadu Scientific Research Organization, Pudukkottai	Agricultural Biotechnologies for Sustainable Food Security	Presented Evaluation of Hygienic and morbidity status of Food handlers at eating establishment in Coimbatore District, South India – An empirical study
6	20 th National Children's Science Congress	1 & 2 nd December, 2012	Shree Sakthi Engineering College, Coimbatore	State Science Congress for Children	Participated

7	20 th National Children's Science Congress-District Level	3 rd November 2012	Sree Narayana Guru College, Coimbatore	Children Science Congress. Coimbatore District	Participated
8	STTC on Bioprocessing in Biotechnology	26 th April to 9 th May 2012	Kumaraguru College of Technology, Coimbatore	Bioprocessing in Biotechnology	Participated
9	National Conference Oxidative Stress and its Complications in Human Health	19 & 20 th January 2011	Karunya University, Karunya Nagar, Coimbatore	Oxidative Stress and its Complications in Human Health	Participated
10	National Seminar	11 & 12 th October, 2010	Karunya University, Karunya Nagar, Coimbatore	Role of Immunomodulators in Cancer Therapy	Participated
11	Symbios'10	5 & 6 th February 2010	SNMV College of Arts and Science, Coimbatore.	Modern Biological Sciences	Presented Cellulase Production by <i>Brevibacillus parabrevies</i> under SSF
12	National Seminar and Workshop Sponsored by ICMR, Government of India	19 & 20 th February 2010	K.S. R College of Technology, Tiruchengode, Tamil Nadu.	Smart Medical Diagnosis Systems Using Image Fusion Technology	Participated
13	National Seminar	22 nd January 2010	Hindusthan College of Arts & Science, Coimbatore	Recent Perspectives in Nanotechnology	Presentation Zinc oxide nanoparticles- Review
14	II Louis Pasteur Memorial National Symposium Sponsored by ICMR and CSIR, Government of India	9 & 10 th September 2009	Dr. N.G.P Arts & Science College, Coimbatore	Antimicrobial Resistance and Drug Discovery	Participated
15	National Seminar	5 & 6 th January	Karunya University, Karunya Nagar,	New Innovation in Cancer	Participated

	Sponsored by ICMR and CSIR, Government of India	2009	Coimbatore	Research & Experimental Therapeutics	
16	National Conference Sponsored by Society for Science and Technology, Jalgaon	28 & 29 th November 2008	Bharathidsan University, Tiruchirappalli.	Environmental Science and Technology	Presented Jack fruit (<i>Artocarpus Heterophyllus Lam</i>) waste as Substrate for Production of Amylase
17	National Seminar	18 & 19 th September 2008	Karunya University, Karunya Nagar, Coimbatore	National seminar on Medicinal and Aromatic Plants for Public Health	Participated
18	I Louis Pasteur Memorial Symposium Sponsored by ICMR, Government of India	8 & 9 th August 2008	Dr. N.G.P Arts & Science College, Coimbatore	Infectious Diseases	Presented Awareness about HIV/AIDS among Adolescent Boys in Tribal Village of Niligiris District, Tamil Nadu
19	National Seminar	15 & 16 th July 2005	Dr. G.R.D College of Science, Coimbatore	AIDS/HIV Control and Awareness Strategies and Initiatives for Teachers, Community Leaders/ Counselors and Researchers	Participated
20	State Level Seminar	23 rd February 2005	Dr. N.G.P Arts & Science College, Coimbatore	Current Trends in Biochemistry	Participated
21	National Seminar	3 & 4 th October 2003	SNMV College of Arts & Science, Coimbatore	Advancement in Biosciences	Presented Microbial Contamination of Various water Sources in Erode
22	MOTIF' 03- National Symposium	1 st October 2003	Bharathiar University	Bioinformatics	Participated
23	National Seminar	21 st & 22 nd February	Vivekananda College of Arts & Sciences	Biotechnology (Gene Fest'03)	Participated

		2003	For Women, Tiruchengode, Tamil Nadu		
24	MOTIF'02-State Level Seminar	3 rd October 2002	Bharathiar University, Coimbatore	Emerging Trends in Bioinformatics	Participated
25	Association of Microbiologist of India 42 nd Annual Conference	9 & 11 th November 2001	Gulbarga University, Gulbarga, Karnataka.	Microbial Biotechnology- Millennium's New Vision	Presented Degradation of lignin using bagasse filtrate based paper mill effluent by <i>Streptomyces species</i>
26	State Level Symposium	17 th August 2001	Kongu Arts & Science College, Erode	Recent Trends in Immunology and Biotechnology	Participated
27	National Seminar	21 st July 2001	Dr. G.R.D College of Science, Coimbatore	Basics in Bioinformatics	Participated
28	National seminar Sponsored by DBT, DST, Department of Family Welfare, Government of India	15 & 16 th May 2001	Dr. G.R.D College of Science, Coimbatore	Recombinant DNA Technology	Participated
29	MT2001- National seminar Sponsored by UGC, Government of India	1 st & 2 nd January 2001	Dr. G.R.D College of Science, Coimbatore	Microbial Technology	Presented Enzymatic Degradation of Agroresidues by <i>Aspergillus sp</i>
30	National Seminar Sponsored by UGC, Government of India	6 & 7 th June 2000	Dr. G.R.D College of Science, Coimbatore	Recent Trends in Biotechnology and its Impact on the Socio- Economic Improvement of the Schedule Castes and Tribes	Participated

INTERNATIONAL SEMINAR

S.No	Name of the Event	Date(s)	Address of the Institution /	Theme of the Seminar	Title of the paper presented / participated
------	-------------------	---------	------------------------------------	-------------------------	---

			Organization where held		
1	International Conference	7 & 8 th October 2010	Nirmala College for Women, Coimbatore	Bioresource Technology-ICBRT 2010	Presented Antimicrobial Activity of <i>Syzygium Jambos</i> against selected Human Pathogens
2	11 th Sir Dorabji Tata Symposium	10 & 11 th March 2010	Sir Dorabji Tata Center for Research in Tropical Diseases, Bangalore.	Diagnostics in Infections	Presented Extended Spectrum Beta-lactamases Producing <i>Escherichia coli</i> in Diabetic Foot Infection-Prevalence and their Antimicrobial Susceptibility Pattern in Tertiary Care Hospital
3	International Conference on Biotechnology	11 & 12 th December 2008	Karunya University, Karunya Nagar, Coimbatore.	Innovations and Challenges in Agri., Food, Biofuel and Healthcare-ICBIC'08	Participated
4	International Conference Sponsored by DST, CSIR, NCSTC, TNSCST-Government of India	22 & 23 rd February 2007	Vellalar College for Women, Erode, Tamil Nadu.	Opportunities & Challenges in Biotechnology and Environmental Sciences	Presented Methicillin Resistance <i>Staphylococcus aureus</i> : An increasing problem in diabetic foot ulcers
5	International Conference	14 & 15 th July 2006	P.S.G.R Krishnammal College For Women, Peelamedu, Coimbatore	Biotechnology Promises and Realities	Participated
6	International Symposium	11 & 12 th October 2001	K.S.R. College of Arts & Sciences	Recent Advances in Biological Sciences	Participated

SEMINARS / MEETING – PRESIDED OVER / ADDRESSED

S. No	Nature of Participation	Name of the Event	Date(s)	Address of the Institution / Organization	Title of the paper presented / participated
	Resource person	INSA Sponsored National Seminar on “Microbivores: Artificial Mechanical Phagocytes using Digest and Discharge Protocol”	25 th October 2016	PA College of Engineering and Technology, Pollachi	
	Resource person	Certificate Programme in Nano-Biotechnology Instrumentation	27-29 th September 2016	Department of Biosciences and Technology, Karunya University	
1	Resource person	Two day workshop on “Reproductive health issues and its impact on academic growth of adolescent girl students” in collaboration with Rajiv Gandhi Institute of youth development, Tamil Nadu	25 th February 2016	Sankara Institute of Management Studies	Role of Men in Protecting Women’s Reproductive Health
2	Resource person	Three days National level Hands on Training on Experimental Analysis of Biomolecules	4 th February 2016	Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore	Biomolecules – As promising Agent for Biofilm Control

	Resource person	Tuberculosis Awareness Programme at Poochiyur village in Coimbatore district sponsored by TNSCST	9 th October 2015	Department of Microbiology, Hindusthan College of Arts and Science, Coimbatore	Tuberculosis
3	Resource person	Evaluation Expert	9 th November 2015	SNMV College of Arts and Science, Coimbatore	23 rd National Children's Science Congress – 2015
4	Resource person	Invited Talk	10 th September 2015	Soft Skills Development and Placement Centre, Govt Arts College, Coimbatore	Awareness on adolescence - health and diseases
5	Resource person	Invited Talk	29 th July, 2015	Department of Microbiology, Bharathidasan College of Arts and Science, Erode	Microbial biofilms and their impact on health care industry and career opportunities in Microbiology
6	Resource person	Invited Talk	13 th January, 2015	Department of Microbiology, Dr. N.G.P Arts and Science College, Coimbatore	Extracellular Polymeric Substances: Gatekeeper of Microbial Biofilms
7	Resource person	Evaluation Expert	9 th November 2014	Rathinam Engineering College, Coimbatore	22 nd National Children's Science Congress – 2014
8	Resource person	Guest Lectured	26 th September, 2014.	Nandha Arts and Science College, Erode	Microbial Biofilms- Biotechnological Approaches
9	Chairperson	21st National Children's Science Congress- Coimbatore District Level	9 th November 2013	Dr. S.N.S Rajalakshmi College of Art and Science, Coimbatore	Senior Tamil projects section
10	Chief Guest	Department Association Inauguration	8 th October 2012	Maharaja College, Perundurai	Entrepreneurship Opportunities in Microbiology
11	Resource Person	Department Seminar	9 th April 2012	OSA College of Engineering and	Scientific writing in Social Science

				Technology	
12	Resource Person	Department Seminar	18 th February 2012	Sree Narayana Guru College, Coimbatore	Scientific writing in Science
13	Chairperson	National Seminar on Role of Immunomodulators in Cancer Therapy	10-11, Oct 2010	Karunya University, Coimbatore, India	-
14	Chairperson	Bioresources Technology-ICBRT-2010	07-08, Oct 2010	Nirmala College for Women, Coimbatore, India	-
15	Resource Person	Seminar	09, August, 2010	Dr.N.G.P Arts and Science College, Coimbatore, India	Basic Research in Nanobiotechnology
16	Chairperson / Judge	National Symposium on Antimicrobial Resistance and Drug Discovery	09-10 th September, 2009	Dr.N.G.P Arts and Science College, Coimbatore, India	Poster Presentation
17	Resource Person	Guest Lecture	August 2009	School of Mechanical Sciences, Karunya University, Coimbatore, India	Nanobiotechnology- An Overview
18	Resource Person	NSS Camp	March 2007	KMCH College of Pharmacy held at Kanuvavi- Thadagam	AIDS Awareness
19	Resource Person	Guide Teachers Programme, Tamil Nadu Science Forum	July, 2008	Vidhyasagar College, Udumalpet, India	Terrestrial Ecosystem- Planet Earth
20	Resource Person	Guest Lecture	August 2007	Department of Mathematics, Dr.N.G.P Arts and Science College, Coimbatore, India	Adolescent Education Programme
21	Resource Person	Guest Lecture	September 2006	Department of Computer Science, Dr.N.G.P Arts and Science College, Coimbatore, India	E-Waste and Health Hazards
22	Resource Person	Guest Lecture	August 2006	Department of Commerce, Dr.N.G.P	Adolescent Education

				Arts and Science College, Coimbatore, India	Programme
--	--	--	--	---	-----------

SEMINARS / EVENTS ORGANIZED

S.No	Name of the Event	Date(s)	Address of the Institution/Organization where held	College level/ Inter College level
	Vaccine Awareness Campaign (VAC 2016)	3 rd November 2016	Department of Biotechnology, Karunya University, Coimbatore, India	Intra Department
	National Tuberculosis- Unite to End	24 th March 2016	Coimbatore City	District
1	DBT-India, DST- SERB New Delhi Sponsored National Seminar on Potential Exploration on Bridging the gap between Biotech Industries and Institutes in India and Phyto-Pharmacognostical Evaluation	7- 9 th March 2016	Karunya University, Coimbatore, India	National
2	State Level Orientation Programme for Life Science Graduates (BIO FEST' 16)	17 th February 2016	Bharathidasan College of Arts and Science, Erode	State
3	Genetic Disease Awareness Campaign (GDAC-2016)	18 th March 2016	Department of Biotechnology, Karunya University, Coimbatore, India	Intra Department
4	International Popular Lecture Series on Genomics, Proteomics and Transcriptomics by Dr.Wilson Aruni, Research Assistant Professor, School of Medicine, Loma Linda University, US	9- 11 th December 2015	Karunya University, Coimbatore, India	Intra Department
5	National Level Technical Symposium on Biotechnology-EVOGEN 14	19 & 20 th , September, 2014	Karunya University, Coimbatore, India	Intercollegiate
6	National Workshop on Biostatistics in Biomedical Sciences, sponsored by ICMR, New Delhi.	6-8 th February, 2013	Karunya University, Coimbatore, India	National
7	National Level Technical Symposium on Biotechnology-EVOGEN 11	20 & 21 st , March, 2011	Karunya University, Coimbatore, India	Intercollegiate

8	National Level Technical Symposium on Biotechnology-EVOGEN 10	18 & 19 th , March, 2010	Karunya University, Coimbatore, India	Intercollegiate
9	PCR based HUMAN DNA Fingerprinting Techniques	22 nd February, 2010	Karunya University, Coimbatore, India	Department
10	BT Brinjal- Pros and Cons- Debate	12 th February, 2010	Karunya University, Coimbatore, India	Inter Department
11	Critical Perspectives on Research Methodology in Biomedical Sciences- Sponsored by ICMR, Government of India	7 th & 8 th , October 2009	Karunya University, Coimbatore, India	National
12	National Level Technical Symposium on Biotechnology-EVOGEN 09	30 & 31 March 2009	Karunya University, Coimbatore, India	Intercollegiate
13	15 th NCSC students' project presentation for school students- "Biodiversity-Nurture Nature for our Future" in association with Tamil Nadu Science Forum.	26 th October 2007	Dr.N.G.P Arts and Science College, Coimbatore, India	Coimbatore Educational District
14	15 th National Children's Science Congress (NCSC) workshop for school teacher guides- "Biodiversity-Nurture Nature for our Future" in association with Tamil Nadu Science Forum.	9 th August 2007	Dr.N.G.P Arts and Science College, Coimbatore, India	Coimbatore Educational District
15	Chikungunya Virus- An awareness to general public	October 2006	Gandhipuram and Sivanandha Colony, Coimbatore, India	General Public
16	Solid Waste Management Programme Sponsored by PEACE Trust, Dindigul and MoEF, New Delhi	December 2006 - April 2007	Kalapatti and Veeriyamplayam Villages, Coimbatore, India	Awareness Programme
17	Solid Waste Management Sponsored by PEACE Trust, Dindigul and MoEF, New Delhi	January April 2006	Kalapatti and Veeriyamplayam Villages, Coimbatore, India	Awareness Programme
18	Blood Group Identification Camp	March, 2004	CSI Boys Higher Secondary School, Erode and D.S. Saradha Vidyalaya Girls Higher Secondary School,	School students

			Gobichettipalayam, India	
19	Health Camp for the Faculties in association with Maruthi Medical Centre and Hospitals, Erode	February, 2003	Bharathidasan College of Arts and Science, Erode, India	Teaching Faculty

EXTENSION ACTIVITIES ORGANIZED/ PARTICIPATED

S.No	Name of the Event	Date(s)	Address of the Institution/Organization where held	College level/ Inter College level
1	Public Awareness programme on Tuberculosis to the villagers Hindusthan College of Arts and Science, Coimbatore sponsored by Tamil Nadu State Council for Science and Technology, Govt of Tamil Nadu	9 th October 2015	Poochiyur Village in Thondamuthur block, Coimbatore district	Village level
2	World Mental Health Day- Stress Management Awareness Campaign (SMAC- 2015)	10 th October 2015	Karunya University	General Public
3	World AIDS Day	1 st December 2015	Govt Higher Secondary School, Alandurai, Coimbatore	School

PROFESSIONAL SOCIETY ACTIVITIES

Life member in Association

1. South Asian Journal of Political Sciences
2. Association of Microbiologist of India

REFERENCES

Dr. K. R. MANI B.V.Sc.,M.V.P.H.,D.I.M.,P.G.D.E.E.,M.S.,C.A.W.,Ph.D
Deputy Director (Retd)
Pasteur Institute of India
Coonoor, Tamil Nadu, India
E-mail: drkrmani@yahoo.com

Dr. A. Michael M.Sc., Ph.D
Head

Department of Microbiology
P.S.G College of Arts and Science
Coimbatore- 641 014
Tamil Nadu, South India
E-mail: amichela2000@yahoo.com

S. MURUGAN