



R. PRASANTH
Assistant Professor
Department of Agricultural Chemistry and Soil Sciences

Contact

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Academic Qualification : Ph.D.

Teaching Experience : 1 Years

Research Experience : 5 Years

Area of Specialization / Interest:

Phytochemical
Insecticidal
Pesticidal
Antimicrobial
Antibacterial
Biofouling
Antifouling
Water analysis
Air Analysis
Soil analysis
Pollution

Publications:

International		National		Others	
Journals	Conference	Journals	Conference	Book Chapters	Books
<<4>>	<<0>>	<<4>>	<<2>>	<<0>>	<<0>>

Patent Files / Published:<<0>>

Achievements & Awards:<<3>>

- <<M.Sc Environmental Sciences – Gold medalist>>
- <<DST – Inspire Fellow>>
- <<IISc Summer Fellowship>>

Events Organized (Workshop / Seminar / Conference):<<0>>

Sl. No	Type	Events Title	Date	Venue

Events Participated (Workshop / Seminar / Conference): <<>>

Sl. No	Type	Events Title	Date	Venue
1	Conference	National Conference on Advances in Biological and Environmental Sciences	2016	Gandhigram – 624 302, Dindugal, Tamilnadu, India.
2	Conference	National Conference on Climate Change Driven Challenges on Indian biodiversity: Innovative Solutions for Sustainable Development – 11 th NABS	2019	Pondicherry University, Pondicherry – 605 014
3	Seminar	Prospects and Challenges in Stem Cell Research,	2015	St. Joseph College, Tiruchirappalli - 620002
4	Webinar	Webinar on Biofilms, Biofouling and Microbial Corrosion , Indian Institute of Metals Kalpakkam Chapter, Corrosion Science and Technology Division	2020	Indira Gandhi Centre for Atomic Research, Kalpakkam
5	Webinar	National Webinar on the role of transgenic fishes in drug discovery and the scope for entrepreneurship	2020	Guru Nanak College, Affiliated to University of Madras, Velachery, Chennai – 600 042
6	Webinar	Amazing Marine Bioresources and their Bioprospecting	2020	Padmavadi Arts and Science College for Women, Affiliated to Periyar University, Salem - 636 001
7	Webinar	Role of genetics in medicine	2020	Padmavadi Arts and

				Science College for Women, Affiliated to Periyar University, Salem - 636 001
8	Webinar	Webinar on Hands on Training on Statistics using R-Programming,	2021	KPR Institute of Engineering and Technology, Arasur, Coimbatore
9	Webinar	Webinar on Butterflies of Kerala: A Review,	2021	Sree Narayana College, Kollam, Affiliated to the University of Kerala
10	Webinar	Webinar on Environmental and Health issues related to Present pandemic conditions,	2021	CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai – 608 502
11	Webinar	Webinar on conservation of Mangrove Ecosystem,	2021	CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai
12	Webinar	Solid Waste Management, Analysis – ASTRA 2017,	2021	Annamalai University, Chidambaram – 608 002
13	Webinar	Webinar on International Conference on Impacts of Disease in Shrimp Aquaculture and Its Diagnostic Methods,	2022	Muqyyath SHA Sirguro Wakf Board College, K.K. Nagar, Madurai – 625020
14	Workshop	Photovoltaic System Designing and Installation	2015	Bishop Heber College, Trichy – 17.
15	Workshop	Ecopreneurship: Scope and opportunities in Green Energy Technologies (EGET)	2016	Bharathidasan University, Trichy -24.
16	Workshop	National workshop on Application of Statistical Tools (SPSS) in Research Analysis – ASTRA	2017	Annamalai University, Chidambaram – 608 002
17	Workshop	Workshop on Everything you need to know about writing a publication ready manuscript	2019	Annamalai University, Chidambaram – 608 002
18	Workshop	National Workshop on Art of Research Writing and Plagiarism Check	2019	Annamalai University, Chidambaram – 608 002
19	Workshop	New Trends On Stochastic Processes SQC and Reliability Using R Programming - NTSPQCR	2019	Annamalai University, Chidambaram – 608 002
20	Workshop	National Workshop on Meta-genomics	2020	AMET deemed to be University, Chennai – 603 112
21	Workshop	PCR and its Application in Aquaculture genetics research	2020	Rajiv Gandhi Centre for Aquaculture, Sirkali – 609 109.
22	Workshop	PCR and its Application in Aquaculture Pathology	2020,	Rajiv Gandhi Centre for Aquaculture, Sirkali – 609 109.

FDP / Training Programs: <<0>>

Sl. No	FDP Name	Date	Conducted by

Resource Person / Invited Talks / Other Representations: <<0>>

Sl. No	Topic	Date	Role	Venue / Organized by

Memberships:

- <<**Editorial Board member** of Journal of Drug Design and Medicinal Chemistry, Science Publishing Group 1 Rockefeller Plaza, 10th and 11th Floors, New York, NY 10020 U.S.A. Tel: (001)347-983-5186>>

List of Publication

SL. NO	NAME OF THE AUTHORS	TITLE OF THE ARTICLE	JOURNAL NAME AND PAGE NUMBER
1	Arumugam, Sathishkumar, Chelvi Ramesh, Gobala Krishnana Kaliappan, Rajiv Govindhan, Sebastein Belciya Prakasam, Silambarasan Murugan, Sureshkumar Pandian, Ebadollahi Asgar, and Prasanth Ravi	Lycopersene: A review on extraction, identification and purification and applications.	Chemical Biology & Drug Design, (2022) 00, 1–16.
2	Prasanth, Ravi Murugeswari, and Pandiyan Sureshkumar.	Species composition and distribution of marine foulers along the southeast coast of Tamil Nadu, India."	<i>Proceedings of the International Academy of Ecology and Environmental Sciences</i> 10, no. 1 (2020): 1-7.
3	Prasanth, R. M. , and P. Suresh Kumar.	"Molecular Docking and Statistical Assessment of Macroalgae Halimeda Species against Marine Macro Fouler <i>Mytilus galvoprovincis</i> (4CN8).	International Journal of Pharmaceutical Sciences Review and Research. 60 (2020): 40-47.
4	R M, Prasanth., P,	First Report on in-silico Analysis	International Journal of

	Sureshkumar. 2019.	of <i>Halimeda spp.</i> against Breast Cancer (BRCA1) and its Evolutionary Relation.	Pharmaceutical Sciences Review and Research, (2020): 60(1), pp.48 – 54.
5	Prasanth RM., Suresh Kumar P, Siva Kumar K. 2019.	Diversity of macro flora in Parangipettai coastal environment, southeast coast of India..	International Journal of Botany Studies, (2020) 4 (6), pp.106 – 118
6	Ravi Murugeswari Prasanth., Pandian Sureshkumar. 2019.	Distribution of macro-flora in CAS marine biology campus, southeast coast of Cuddalore, Tamil Nadu, India.	International Journal of Botany Studies, (2020) 4 (6), pp.93 – 101.
7	Mahesh, S., S. Kavi Priya, R. M. Prasanth, and P. Anantharaman. "	In silico analysis on macroalgae metabolites against skin cancer protein, phylogenetic and statistical analysis."	<i>Indian Journal of Biochemistry and Biophysics (IJBB)</i> 58, no. 3 (2021): 219-228.
8	Vengadesh K, Prasanth R M, Udhayadevi M and Sureshkumar P	Diversity and Distribution of hard fouling phylum arthropoda and mollusks in various substratums at the South-East coast of Cuddalore, Tamilnadu, India	Journal of Bioresearch (2022) 1(1); 14 - 27

Additional / Special Qualification if any: