

RESUME



Dr. V. Murugiah

Designation: Assistant Professor

Name of the college: Rani Anna Govt. College for women

Tirunelveli -627 008

TAMILNADU

PERSONAL DETAILS

Date of Birth : 14. Apr, 1969
Qualification : M.Sc., M.Phil., PGDCA., DMBT., Ph.D.,
Designation : Assistant Professor
Department : Botany
Religion : Hindu
Nationality : Indian
Email ID : murugiahve23@gmail.com

TEACHING EXPERIENCE

Date of Appointment	09.07.2009
Date of Retirement	2029
Teaching Experience	14
Research	

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
UG,PG	AAGA College,Namakkal, H.H.The Rajah's college and Rani Anna Govt.College,Tirunelveli	09.7.2009	Till Date	14

MEMBERSHIP/Participation in the Academic bodies of College/University		
S.No	Designation	Particulars
1	Member Board of Studies	UG,PG,M.Phil and Allied Botany, HH The Rajah's College, Pdk.2011-2015.
2	<i>Chair Person</i> , for Paper Presentation session	UGC-Sponsored National Seminar on 'Environmental Protection and Sustainability' Dept. of Botany and Dept.of Zoology, Sadakathullah Appa College,Tirunelveli.19th Aug,2019.
3	<i>Chair Person</i> , for Paper Presentation session	UGC-Sponsored National Conference on 'Current Trend's in Biological Sciences' 14,Mar,2019. PG and Research Dept. of Botany,St. Xavier's College, Palayamkottai.TN.
4	<i>Chair Person</i> for the theme "Integrated Education"	Enhancing Indian Education Towards Modernity, National seminar, Govt. College of Education, Pudukkottai.(25 Jan,2013).
5	Medicinal Plants Exhibition	18-20 Feb,2020, PG Dept. of Botany, Rani Anna Govt. College for Women, Tirunelveli
6	Eco-Club	Organized, Special Lecture on Recent Trends in Environmental Awareness, Eco-Club Meeting, on 01.04.2015, PG &Research Dept.of Botany & Dept. of Zoology, H.H. The Rajah's College, (Auton) Pudukkottai.

ORIENTATION/REFRESHER COURSES/FACULTY DEVELOPMENT PROGRAMME UNDERGONE(12)			
S.No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Orientation Course (Intensive Training Programme)	UGC-Academic Staff College, University of Madras	09/07/09 to 05/08/09
2	Refresher course in Life Sciences.	UGC Sponsored Refresher course, Academic Staff College, M.K..University, Madurai.	07/11/2013 to 27/11/2013
3	Refresher course in Life Sciences,	UGC-Human Resource Development Centre, M.K.University, Madurai.	09/03/2018 to 29/03/2018
4	Refresher Course in Life Sciences	TLC,Ramanujan College, University of Delhi	01 .09.2021- 15 .09.2021
5.	FDP on Ethics in Academic Research Writing"	HRDC, AMET University.	30-01-2023 to 04-02-2023
6	Exploring New Frontiers in Chemical and Biological Science FDP	Dept. of Chemistry, St.Mary's College (Aut), Thoothukudi	31 Jan- 5th Feb 2022.
7	Intellectual Property Rights FDP	Dept. of Botany, St. Mary's College, Thoothukudi,	21 to 25th Feb 2022

8	Virtual Practices and Security International FDP	Tamil Nadu Teachers Education University and Dr.M.G.R. Educational and Research Institute Chennai.	7-13June, 2021
9	Computational Biology FTP	Dept. of Zoology, St. Mary's College, Thoothukudi,	6-11May 2021,
10	Research Methodology and Journal Publishing,FDP	IQAC , Rani Anna Govt. College for Women, Tirunelveli	13-17, July 2020
11	Impact of Covid-19 on Higher Education and Research FDP	RUSA 2.0, Entrepreneurship & Career Hub, University of Madras	29 to 31st July 2020
12	Research Methodology National FDP	IQAC, Rani Anna Govt. College for Women, Tirunelveli	Oct,25-26,2018

DETAILS OF RESEARCH WORK

Research Stages	Title of theThesis	University where the work was carried out
Ph.D	The Transgene Pyramiding <i>Oryza sativa</i> (ssp. <i>Indica</i>) with Heterologous Glyoxalase I (Gly I) and Δ 1- Pyrroline-5-Carboxylate Synthetase (P5CS) is more tolerant to Abiotic Stresses than the rice lines with P5CS alone.	M.K.University

AREAS OF RESEARCH

Plant Physiology, Medicinal Botany, Plant Biotechnology

PUBLICATIONS

OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	M.Sc. Projects completed
7	2	21	40	34

PUBLICATIONS:OTHER INDEXED JOURNALS (0)International:0			
S.No	Title of the Paper	Name of the Journal	ISSNNo., Volume, Issue, Impact factor & Pg.No
1	Exogenous proline application improves heavy metal stress tolerance in <i>Abelmoschus esculentus</i> L,	<i>RAC Jr. of Research,</i>	2230-7362 2(15);6-10).2017.
2	Response of Cluster Bean to Seaweed Liquid Extract with heavy metal stress	<i>RAC Jr. of Research</i>	2230-7362 2(15);33-38).2017
3	Pyramiding of $\Delta 1$ Pyrroline -5-carboxylase synthetase, Glyoxalase I in <i>indica</i> rice showed increased proline accumulation and salinity stress tolerance	<i>The Jr. of the Swamy Botanical Club</i>	0256-9493 , 30:(1).2013.
4	Efficient <i>in vitro</i> Plant regeneration via leaf base segments of <i>indica rice (Oryza sativa L.)</i>	<i>Indian Jr. of Exp. Biol</i>	47; 68-74. (2009).
5	<i>In vitro</i> Multiplication of the Multipurpose tree <i>Casuarina equisetifolia</i> . Linn,	<i>Asian Jr.of Microbiol. Biotech.Env.Sc.</i>	0972-3005 11(4)743-749. (2009).
6	Isolation of good quality RNA from the woody species <i>Casuarina equisetifolia</i> ,	<i>Asian Jr.of Microbiol. Biotech.Env.Sc.,</i>	0972-3005 10(4)789-792. (2008).
7	Transgenic <i>indica</i> rice expressing codon-modified <i>cry IAC</i> gene confer resistance against yellow stem borer larvae,	<i>Asian Jr.of Microbiol. Biotech .Env. Sc.,</i>	0972-3005 9(3),753-758. (2007).

PUBLICATIONS:Proceedings National (2)International:(2)			
S.No	Title of the Paper	Name of the Proceedings	ISBN No., Place Volume, Issue & Pg.No
1	Phytochemical Analysis and Antibacterial Activity of leaf extracts of <i>Euphorbia hirta</i>	Proc. Of International Conference on Entrepreneurship in Microbiology	PG & Research Dept. of Microbiology, Sadakathullah Appa College, Tirunelveli. 21st Aug,2019. Pp.No.07-11.
2	Heavy metal stress tolerance of Sorghum by Exogenous application of proline	Proc. of UGC Sponsored National Seminar on Environmental Protection and Sustainability,	Dept. of Botany and Dept.of Zoology, Sadakathullah Appa College, Tirunelveli. 19 th Aug,2019.Pp.No.44-49.
3	Heavy metal stress tolerance in Cowpea (<i>Vigna unguiculata</i> L.) by Seaweed liquid extract Application.	Proc. of International Conference on Bio-Commerce 2019	Dept.of Zoology Aditanar College of Arts & Science, Tiruchendur, 14-15, Mar, 2019. Vol (1), No.(1). Pp.482-491.
4	Antibacterial Activity of Selected Medicinal Plants,	Proc. of the UGC-Sponsored National Conference on Climate change and Sustainable Environment,	Research Dept. of Botany, St. Xavier's College, Palayamkottai. 15-16 Mar, 2018, Pp 241-244.

AS A RESOURCE PERSON (2)			
S.No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Inservice Training Programme for Secondary Grade Science Teachers	Tamilnadu State Council for Science and Technology	Rani Anna Govt. college for women, Tirunelveli. Aug,28-Sept 01,2017.
2	Inservice Training Programme in Botany for PG Teachers /DIET /TTC/ STAFF	Centrally Sponsored scheme for Teacher Education	Govt. College of Education, Pudukkottai.27.11.2012.

WEBMINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP PAPER PRESENTED:National(19)International(2)				
S. No	Name of the Event	Title of the paper	Name of the Sponsoring Agency/ organized	Place and Date
1	International Conference on "Recent Innovations in Biological Research"	Phytochemical analysis and antibacterial activity of <i>Citrullus colocynthis</i>	Dept. of Botany,PSGR Krishnammal college for women,Coimbatore	17-18, Mar,2022.
2	Two Days National Conference on " Global Marine Diversity- Status, Threats and Conservation "	Studies on the effect of Seaweed Liquid Extract with Salinity Stress On <i>Vigna unguiculata</i> "	Dept. of Zoology, V.V.Vanniaperumal College for Women, Virudhunagar.	09- 10 Mar.2022,
3	National Symposium on Recent Trends and Advances in Biology	Antibacterial activity of <i>Calotropis gigantea</i>	Dept.of Zoology, Sri Paramakalyani College, Alwarkurichi	3 Mar,22.
4	National Seminar on 'Bioresources-for a Better Tomorrow	Antibacterial Activity of leaf extracts of <i>Coleus amboinicus</i>	Dept. of Zoology, Rani Anna Govt. college (W), Tirunelveli	21st Feb,2020.
5	National Conference on 'Current Trend's in Biological Sciences	Inducing salt stress tolerance in <i>Abelmoschus esculentus</i> L. by exogenous application of proline	UGC-Sponsored/ PG and Research Dept. of Botany, St. Xavier's College, Palayamkottai.	13-14,Mar, 2019
6	National seminar on Bioprospecting of Bioresources from sea	Influence of Seaweed liquid fertilizer with abiotic stress on germination and growth of <i>Arachis hypogea</i> L.	Ministry of Earth Sciences, Govt.of India Sponsored / PG Dept. of Botany, Rani Anna Govt. college (W),Tirunelveli	Mar.07-08,2019.
7	International Conference on Innovative Research in Biological Sciences.	Effect of Seaweed liquid extract with Heavy Metal Stress on Germination and growth of Red gram	UGC-Sponsored/ Research Dept. of Zoology, PMT College, Melaneelithanallur, Tirunelveli	09,Jan,2019.
8	National seminar on Climate Change-Challenges for Biodiversity	Comparative Studies on Antibacterial Activity of <i>Coriandrum sativum</i> L. and <i>Murraya koenigii</i> (L.) Sprengel. Leaf extracts.	Ministry of Earth Sciences, Govt.of India Sponsored/ PG Department of Botany, Rani Anna Govt. college (W), Tirunelveli	Jan,04-05,2017.

9	National seminar on Climate Change-Challenges for Biodiversity	Exogenous application of proline increases salt stress tolerance in <i>sorghum</i>	PG Department of Botany, Rani Anna Govt. college (W), Tirunelveli	(Jan,04-05,2017
10	National seminar on Climate Change-Challenges for Biodiversity	Combined Effect of Seaweed liquid Fertilizer and Abiotic Stress on Germination and growth of <i>Vigna radiata</i> .L.	PG Department of Botany, Rani Anna Govt. college (W), Tirunelveli	Jan,04-05,2017
11	National seminar on Climate Change-Challenges for Biodiversity	Effect of Salinity and Heavy Metal Stresses in combination with Seaweed Liquid Fertilizer on Germination and Growth Performance of Black Gram (<i>Vigna mungo</i> L.),	PG Department of Botany, Rani Anna Govt. college (W), Tirunelveli	Jan,04-05,2017.
12	National conference on Emerging Trends in Multidisciplinary Research,	Exogenous Proline application improves heavy metal stress tolerance in <i>Abelmoschus esculentus</i> .L.,	Centre for Multidisciplinary Research, Rani Anna Govt. college(w), Tirunelveli.	Jan,10,2017
13	National conference on Emerging Trends in Multidisciplinary Research,	Role of Seaweed Extract on Germination and Growth of <i>Cluster Bean</i> Under Salinity Stress,	Centre for Multidisciplinary Research, Rani Anna Govt. college for women, Tirunelveli.	Jan,10,2017
14	National seminar on Recent advances in life sciences	Exogenous application of proline for salinity stress tolerance in <i>Zea mays</i> .L.,	UGC-Sponsored /Dept. of Zoology, H.H. The Rajah's College, Pudukkottai.	28-29,Dec,2011
15	National conference on perspectives on Biodiversity conservation,	Effect of seaweed extracts on the growth performance of <i>Zea mays</i> .L under salinity stress condition.	PG & Research Dept. of Botany, H.H. The Rajah's College, Pudukkottai	10.Dec,2011.
16	National seminar on Recent advances in life sciences,	Role of Seaweed liquid fertilizer on germination and seedlings growth and abiotic stress tolerance in rice	UGC-Sponsored /Dept. of Zoology, H.H. The Rajah's College(Aut), Pudukkottai	28-29,Dec.2011
17	" Biotechnology : Fusion of advanced research and teaching -Conference,	Co-expression of P5CS and GLY I confer more tolerance to high salinity as compared to P5CS alone in transgenic indica rice,	School of Biotechnology, M.K.University, Madurai.	2-4 ,Jan,2010.
18	National Level Seminar on Emerging Trends in Plant Biotechnology,	Biolistics Gene Delivery Approach to produce Transgenic Plants	UGC-Sponsored/ Dept. of Plant Biology & Plant Biotechnology, Govt. Arts College, Coimbatore.	4-5 Feb,2010.
19	National Symposium on New opportunities and challenges for improving crop productivity through Biotechnology	Transgenic indica rice over expressing P5CS gene shows Tolerance to soil salinity,	Society for Plant Biochemistry and Biotechnology, Agricultural University ,CCS Haryana.	13-15 Feb2002 .
20	National Symposium on "Relevance of Plant Biochemistry and Biotechnology-Modern Trends.	Genetic Engineering of <i>Oryza sativa v indica</i> cv. IR- 50 for resistance and osmotic stress tolerance,	Indian Society for Plant Biochem and Biotechnology IARI, New Delhi & The American College, Madurai.	1-3 Mar2001
21	National Symposium on Biotechnology for sustainability in Agriculture	Developing indica rice tolerant to Salinity and Drought.	Dept. of Mol.Biol and Genetic Engineering & Bio chem. G.B Pant University of Agri & Tech, U.P	27-29 Apr 2000

WEBMINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP				
ATTENDED:40				
S. No	Name of the Event/Title	National / International	Place and Date	Name of the Sponsoring Agency
1	Curriculum Design and Development	Short Term Course	14-18Feb, 2022	Faculty of Education, Dr.M.G.R. Educational and Research Institute, Chennai.
2	Importance of IP in Scientific Research - An Overview	International Webinar	01st Mar 2022	Marian Research Forum, St.Mary's College, Thoothukudi.
3	Exploring New Frontiers in Chemical and Biological Science	FDP	31 Jan- 5 th Feb 2022.	Dept. of Chemistry, St.Mary's College (Aut), Thoothukudi.
4	Intellectual Property Rights	FDP	21 to 25th Feb 2022	Dept. of Botany, St. Mary's College, Thoothukudi,
5	International Webinar on Climate Change and Future Challenges	International Webinar	3- 4 Mar 2022.	Department of Botany, St. Mary's College (Aut), Thoothukudi
6	Virtual Practices and Security	International FDP	7-13June, 2021	Tamil Nadu Teachers Education University and Dr.M.G.R. Educational and Research Institute Chennai.
7	Computational Biology	FTP	6-11May 2021,	Dept. of Zoology, St. Mary's College, Thoothukudi, Dept. of Zoology, RAGC Tirunelveli.
8	Industrial Spirulina Production Technology	National Webinar	2.06.2021	Dept. of Microbiology, Ayya Nadar Janaki Ammal College,Sivakasi.
9	Research Methodology	National Workshop	19-24 Apr.2021	Queens College of Arts & Science for Women, Pudukkottai.
10	Current Trends in Biostatistics	International Workshop	29 june 2021.	Dept. of Zoology, Nesamony memorial Christian college, Marthandam.
11	Intellectual Property Rights – Concepts and Creation under UGC Scheme STRIDE Component-1	Webinar	18.02.2021	V.O.C College, Thoothukudi
12	Treatment of Covid-19-An Ethnobotanical Perspective	International Webinar	14.10.2020	Dept. of Zoology, Vivekananda College Tiruvedakam, Madurai
13	Gender Sensitization Program	International	11.8.20 - 20.8.2020	M.S. University, Tirunelveli
14	Recent Trends inBioscience and Biotechnology- IWRITBB 2020'	International Webinar	18 th 19 th july 2020	Arunai International Research Foundation with Dept.of Botany,Queen Mary's College, Chennai.
15	'Current Issues Emerging Over Environment and Education'	National Webinar	28 th july 2020	Dept. of Botany, St. Joseph's College, (Auton), Tiruchirappalli
16	Medicinal Plants Research and Drug Discovery	International Webinar	03 rd - 06 th Aug,2020	Dept. of Botany, St. Joseph's College, (Auton), Tiruchirappalli
17	Research Methodology	FDP	13-17, July 2020	IQAC , Rani Anna Govt. College for Women, Tirunelveli

18	Impact of Covid-19 on Higher Education and Research	FDP	29 to 31st July 2020	RUSA 2.0, Entrepreneurship & Career Hub, University of Madras
19	Tools for Enhancing Research Visibility	National Webinar	July 21 2020.	IQAC, Rani Anna Govt. College for Women, Tirunelveli
20	Webinar titled “Zoonotic Diseases – Ecological Dimensions’	Webinar	09/07/2020	Dept. of Environmental Science and Management, Bharathidasan University, Trichy
21	Workshop on DIGI-TECH : 3E(Engage, Enhance & Enrich)’	National Workshop	22-24th July, 2020.	Department of Education (SDE), Bharathiar University, Coimbatore
22	Augmented Reality in Education: Learning Beyond Imagination	International Conference	7 - 8 July, 2020.	Dept. of Educational Technology, Bharathiar University, Coimbatore.
23	“CO ₂ and Green Technologies”	International Virtual conference	1 – 2 July 2020	Vellore Institute of Technology CO ₂ Research and Green Technologies Centre with Florida Agricultural & Mechanical University, USA
24	‘Bioexplore’ on Human Waste Management: Boon or Bane. Cancer Therapeutics. Applications of Plant Tissue Culture Technique on Production of Pharmaceutical compounds	National webinar	24-26/06/2020	Department of Botany, L.R.G. Govt. Arts College for Women, Tirupur..
25	COVID-19 vs Siddha Medicine	Webinar	22/06/2020	Dept. of Botany, Dr.MGR Govt. Arts & Science College, Palacode
26	Bioprospecting of Medicinal Plants: Challenges and Opportunities	National Level Webinar	03.06.2020	Dept. of Botany, V.O.Chidambaram College, Thoothukudi
27	DNA Fingerprinting and its Applications in Genetic Testing	International webinar	08.06.2020	Dept. of Zoology, V.O.Chidambaram College, Thoothukudi
28	Biodiversity Conservation with Special Reference to Agrobiodiversity	National level Webinar	04.06.2020	Dept. of Botany, V.O.Chidambaram College, Thoothukudi,
29	Generation of Genomic Resources and usage of Bioinformatics Tool,	National Level Webinar	09.06.2020	Dept. of Zoology, V.O.Chidambaram College, Thoothukudi
30	E-Content: An Effective Tool for Teaching and Learning	National Webinar	17 June 2020	Aditanar College of Arts & Science, Tiruchendur in Association with Dept. of History, RAGC, Tirunelveli.
31	Techniques in Mushroom Cultivation	National Workshop	22 Aug, 2019	Dept. of Botany, Women’s Christian College, Nagarcoil.
32	Research Methodology	National FDP	Oct, 25-26, 2018	IQAC, Rani Anna Govt. College for Women, Tirunelveli
33	Current Scenario in Biological Sciences, Science Academies Education Programmes.	Lecture workshop	09-10, Feb, 2018	Dept. of Botany St. John’s College, Palayamkottai
34	Recent Advances in Biological Sciences (RABS-17) Science Academies’	Lecture workshop	Sept 26-27, 2017	Dept. of Plant Biology and Plant Biotechnology, GVN College, Kovilpatti

35	Applications of Biotechnology in Rural Development	UGC-Sponsored National workshop	10 Feb.2017	Dept.of Botany,TDMNS College,Tirunelveli.
36	Global Peace &Harmony	International Conference	28 th Jan 2017	Rotaract club of Rani Anna Govt. College for Women, Tirunelveli
37	Recent Trends in Indian Medicine A Technological overview	International Workshop	23 and 24 Sept 2016	Govt. Siddha Medical College, Palayamkottai and SCAD College of Engg and Tech, Tirunelveli.
38	Health and Hygiene	International Conference	8 th Aug 2016.	Rotaract club of Rani Anna Govt. College for Women, Tirunelveli.
39	sustainable utilization , Management and conservation of Bioresources, (ICSMCB)	International conference	10-11Jan,2013	Dept. of Botany St.Joseph's college (Auton),Trichy.
40	IPR & Patents in Plant Science UGC Sponsored	National conference	12 th Jan,2013	Dept. of Botany, H.H. The Rajah's College, Pudukkottai.
41	Enhancing Indian Education Towards Modernity(EIETM-13)	National seminar	25 Jan,2013.	Govt. College of Education, Pudukkottai.
42	Recent Trends in Information Technology	UGC Sponsored National Seminar	25 Feb,2012.	Dept. of Computer Science, H.H The Rajah's College, (Auton), Pudukkottai.
43	Mushroom Cultivation Technology	Seminar cum workshop	1 st Feb,2010	Dept. of Botany, NKR Govt. Arts College, Namakkal.
44	Biotechnology : Fusion of advanced research and teaching	Conference	2-4 Jan,2010	organized by the School of Biotechnology, M.K.University, Madurai.
45	Biosafety for Health	National conference	2010	PG & Research Dept. of Botany, H.H. The Rajah's College, Pudukkottai.
46	Recent Trends in Plant Biotechnology	National conference	27-28 Feb 2013.	Bharathidasan University, Trichy
47	Impact of Research on Medicinal Plants	National Level seminar	12 th Sept 2009.	PG &Research Dept. of Botany, Arignar Anna Govt. Arts College, Namakkal.

Date : 01/04/2023

NAME : Dr.V.Murugiah