

Personal Profile:

Name : V. SARAVANAN
Designation : ASSOCIATE PROFESSOR
Department : ZOOLOGY
Date of Appointment : 06.10.1999
Date of Retirement : 31.05.2023
Educational Qualification : M.Sc., M.Phil., B.Ed., Ph.D.,
Address : 222,V.O.C.First Street,
Shanthinagar,
Palayamkottai(P.O.),
Tirunelveli-627 002
Phone :0462-254 2074
Mobile :99442 61655
Mail :shabinash41@gmail.com

Awards Received:

Honored with **KKT YOUNG SCIENTIST AWARD 2012** for outstanding contribution in scientific innovation in International Conference on Environmental Security for Food and Health, 16-18, February, 2012 at Kanyakumari, Tamil Nadu.

Honored with **Distinguished Aluminous Award,2014** for the selfless and exemplary service in the field of education in the Annual Meeting of Alumni Association of **Sadakathullah Appa College**, Rahmath Nagar, Tirunelveli-627 011 on 02-02-2014.

Honored with **BHARAT SHIKSHA RATAN AWARD** for the individual contribution for National Economic and Social Development by Global Society for Health and Educational Growth on 20-02-2017 at Constitution Club, New Delhi.

Seminars Organized:

Organizing Committee Member for **Seminar cum Workshop** on use of Alternatives to animals in Life Science Education at The MDT Hindu College, Tirunelveli on 5.1.2011.

Organizing Secretary for **State Level Seminar** on Bio Prospecting of Natural Resource (**BPNR'11**) at The M.D.T.Hindu College, Tirunelveli on 28.1.2011.

Co-Organizing Secretary for **International Conference** on Environmental Security For Food & Health (**ICESFH, 2012**), Vivekanantha Kendra, Kanyakumari on 16.2.2012-18.2.2012.

Organizing Secretary for **National Seminar** on Marine Resources (**NSMR'16**) at The M.D.T.Hindu College, Tirunelveli on 03-04-03-2016.

Organizing Committee Member for **National Conference** on Modern Perspectives and Strategies in Teaching, Learning and Evaluation held at The M.D.T.Hindu College, Tirunelveli-627 010 on 30-09 & 01-10-2016.

Papers Presented in Conference/Seminar/Symposia:

Seasonal Distribution of Halo tolerant *Azospirillum* from Coastal Mangroves of South West of India and their Bio-fertilized Effects. **International Conference and Exhibition** On “Mangroves of Indian And Western Pacific Oceans” held at Legend Hotel, **Kuala Lumpur, Malaysia** on 21-24.8.2006.

Privatization of Higher Education – Boon or Curse? **State Level Conference** on “Higher Education and Students Participation In Quality Assurance” at The M.D.T. Hindu College, Tirunelveli, Tamil Nadu on 24-25.1.2008.

Effects of Aluminium in a partial-life-cycle test Zebra fish (*Brachydanio rerio*) with reference to growth and embryonic development. Antimicrobial activity of Sponge associated microorganism against Human and Fish Pathogens. Effect of extracts of chosen indigenous plants on the growth of pathogenic microorganisms. **National Seminar** on “Advances in Biological Sciences” held at Department of Zoology, Annamalai University, Chidambaram on 22-23.1.2010.

Genetic vs. Acquired Fitness: Cardiomyocyte adaptations. **National Seminar** on “Practical Approaches and Applications in Sports Medicine” held at The M.D.T. Hindu College, Tirunelveli on 29.1.2010.

UPPU- disease curing medicine? **National conference on Science Tamil** held at Vivekananda Kendra, Kanyakumari, organized by Manonmaniam Sundranar University and Tamilnadu Arasu Arival Mantram, Chennai on 7-8.10.2010.

“ICT-A new avenue in Teaching and Learning process” in **National Conference on Quality Enhancement In Teaching Learning Evaluation process Through ICT in HEIS** held at Sri Parasakthi College for Women, Courtalam on 28-29.7.2011.

Legislation for Environmental Protection in India in the **National Conference on Environmental Issues and Challenges-Vision 2020** held at Department of Zoology, Annamalai University, Chidambaam on 27-28-09-2013.

Biodiversity and Biofertilizer Effect of Halotolerant Microbes from Coastal Mangroves of South India in the **National Seminar on Coastal and Marine Ecosystems-Challenges and Opportunities** held at Department of Botany, Rani Anna Government College for Women, Tirunelveli-627 008 on 12-13-03-2015.

Impact of pesticides effect on the tissues of *Cardina weberi* (DE MAN) in UGC-SAP sponsored **National Seminar on Advances in Toxicology and Serinano Technology (ATS-2015)** held at Department of Zoology, Annamalai University, Annamalai Nagar, Chidambaram-608 002 on 23-24-07-2015.

Cadmium induced histological and biochemical alterations in liver of the cat fish *Heteropneustes fossilis* (Bloch.) in UGC-SAP sponsored **National Seminar on Advances in Toxicology and Serinano Technology (ATS-2015)** held at Department of Zoology, Annamalai University, Annamalai Nagar, Chidambaram-608 002 on 23-24-07-2015.

Effect of pesticide Cangor and Copper sulphate on the respiratory metabolism of the fish *Cyprinus carpio* in UGC-SAP sponsored **National Seminar on Advances in Toxicology and Serinano Technology (ATS-2015)** held at Department of Zoology, Annamalai University, Annamalai Nagar, Chidambaram-608 002 on 23-24-07-2015.

Herbo mineral salts from marine halophytes against human bacterial pathogens in **National Conference on Emerging Trends In Management Of Infectious Diseases And Public Health (ETMIDPH-2016)** organized by PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Science ,Sholinganallur,Chennai-600 119 on 04-05-02-2016.

Anti inflammatory activity of *Avicennia marina* in Deaxtan sulfate sodium induced ulceration colitis in Wistar Rat in **National Seminar on Marine Resources (NSMR'16)** held at Department of Zoology, The M.D.T.Hindu College, Tirunelveli-627 010 on 03-04-03-2016.

Non Renewable Energy Resources in **National Seminar on Marine Resources (NSMR'16)** held at Department of Zoology, The M.D.T.Hindu College, Tirunelveli-627 010 on 03-04-03-2016.

Fin Fish Resources in **National Seminar on Marine Resources (NSMR'16)** held at Department of Zoology, The M.D.T.Hindu College, Tirunelveli-627 010 on 03-04-03-2016.

ICT- An Inevitable Tool In Present Day Education in **National Conference on Modern Perspectives and Strategies in Teaching, Learning and Evalution** held at The M.D.T.Hindu College, Tirunelveli-627 010 on 30-09 & 01-10-2016.

Papers Published:

Termicidal activities of seaweed extracts against *Glyptotermes Sp.* (Isoptera: Termitidae) in International Journal of Current Research, Vol .3, Issue, 11, pp.304-307, October, 2011, **ISSN: 0975-833X.**

Horizontal distribution of nutrients in water and sediment samples along palk Strait coast in Proceedings of International Conference on Envionmental Security for Food and Health (ICESFH-2012) on 16-18, February, 2012 pp.104-105, **ISBN: 978-81-7966-301-1.**

Biochemical variations in the seagrass species distributed along palk strait in Proceedings of International Conference on Envionmental Security for Food and Health (ICESFH-2012) on 16-18, February, 2012 pp.140-141, **ISBN: 978-81-7966-301-1.**

Antibacterial activity of medicinal herbs plants against urinary tract infection pathogens in Asian Journal Of Experimental Biological Science, Vol. 4 (3), pp.388-392, July, 2013, **ISSN : 0975 – 5845.**

Anti inflammatory activity of *Avicennia marina* in Deaxtan sulfate sodium induced ulceration colitis in Wistar Rat in Proceedings of National Seminar on Marine Resources (NSMR'16) on 03-04-03-2016, pp.164-170, **ISBN: 978-81-931973-9-4.**

Non Renewable Energy Resources in Proceedings of National Seminar on Marine Resources (NSMR'16) on 03-04-03-2016 , pp.259, **ISBN: 978-81-931973-9-4.**

Fin Fish Resources in Proceedings of National Seminar on Marine Resources (NSMR'16) on 03-04-03-2016, pp.257,. **ISBN: 978-81-931973-9-4.**

ICT- An Inevitable Tool In Present Day Education in Proceedings of National Conference on Modern Perspectives and Strategies in Teaching, Learning and Evaluation on 30-09 & 01-10-2016, pp.88-90, ISBN:978-81-932645-2-2.

Orientation / Refresher Courses / Training Programmes Attended:

UGC Sponsored Orientation Programme college teachers held at Academic Staff College, Pondichery Central University, Pondichery from 01.06.2001 to 28.06.2001.

Orientation Course for N.S.S. Programme officer at T.O.C., M.Y.A.S., Govt. of India, Coimbatore - 641 043 from 23-01-2003 to 01-02-2003.

UGC Sponsored Refresher Course in Biology held at Academic Staff College, Madurai Kamaraj University, Madurai from 05.11.2003 to 25.11.2003.

Refresher Course for N.S.S. Programme officer at T.O.C., M.Y.A.S., Govt. of India, Coimbatore - 641 043 from 23-08-2004 to 27-08-2004.

Universities Talk AIDS- Phase-II Orientation and Peer Educators Training of N.S.S. Programme Officers at HRD Institute, Madurai from 01-09-2004 to 04-09-2004 as a representative for M.S. University.

Universities Talk AIDS- Phase-II Peer Educators Training of N.S.S. Programme Officers at N.S.S. Cell, M.S. University, Tirunelveli from 11-10-2004 to 12-10-2004.

UGC Sponsored Refresher course in Life Sciences held at Academic Staff College, Bharathiyar University, Coimbatore- 641046(20.8.2008 -9.9.2008).

UGC Sponsored Refresher Course in Life Sciences held at Academic Staff College, University of Kerala, Thiruvananthapuram – 695581(15.12.2008-5.1.2009).

TNSCST Sponsored Orientation Programme on Research Activities in Science for College Teachers held at Manonmaniam Sundaranar University, Tirunelveli-627 012(19-20.03.2012).

Participation in Conference/Seminar/Symposia:

National seminar on “Bioprospecting of Bioresources” at Department of Botany, St.Xavier’s College, Palayankottai, Tamilnadu on 08-10-12-2005.

International Conference on “Sea, Land, People – Marine and Terrestrial Ecology at St. Xavier’s College, Palayankottai, Tamilnadu on 17-19-01-2006.

State Level Seminar on “Recent Trends in Bio Technology” at Sri Paramakalyani College, Alwarkurichi, Tamilnadu on 28.1.2006.

International Conference and Exhibition On “Mangroves of Indian And Western Pacific Oceans” held at Legend Hotel, **Kuala Lumpur, Malaysia** on 21-24.8.2006.

National Conference on “Emerging Trends And Evolving Technologies In Applied Microbiology With Special Refrence To Microbial Nanotechnology” at Sri Sankara Arts And Science College, Kanchipuram, Tamilnadu on 11-12.1.2007.

National Conference on “Bioprospecting of Marine Resources with Special Reference to Marine Natural Product And Drug Discovery” at Department of Oceanography and Coastal Area Studies, Alagappa University, Thondi, Tamilnadu on 24-28.4.2007.

State Level Conference on “Higher Education and Students Participation In Quality Assurance” at The M.D.T. Hindu College, Tirunelveli, Tamil Nadu on 24-25.1.2008.

National Seminar on “Advances in Biological Sciences” held at Department of Zoology, Annamalai University, Chidambaram on 22-23.1.2010.

National Seminar on “Practical Approaches and Applications in Sports Medicine” held at The M.D.T. Hindu College, Tirunelveli on 29.1.2010.

International Conference on “Climate Change And Bioresource” (ICCCB) held at Department of Biotechnology, Bharathidasan University, Tiruchy on 9-12.2.2010.

National Conference on “Global Warming – Now and Then” (NCGW-2010) held at Alagappa University, Karaikudi on 18-19.3.2010.

International Conference on “Aquatic Microbiology (status, challenges and Opportunities)” (AMSCO-2010) held at the Center of Advanced study in Marine Biology, Annamalai University, Parangipettai-608 502 on 2-4.9.2010.

National Conference on “Marine Biodiversity-Present status and Prospects” (MABPSAP-2010) held at the Department of Marine Sciences, Bharathidasan University, Tiruchirapalli-620 024 on 16-18.9.2010.

National Conference on Science Tamil held on 7 and 8 October 2010 at Vivekananda Kendra, Kanyakumari, organized by Manonmaniam Sundaranar University and Tamilnadu Arasu Arivial Mantram, Chennai on 7-8.10.2010.

National Conference on “Recent Trends in Microbial Technology” held at the Department of Microbiology, Periyar University, Salem-636011 on 21-22.10.2010.

Second International Seminar and Workshop on Sustainable Utilization of Tropical Plant Biomass held at University of Kerala, Thiruvananthapuram on 14-15.12.2010.

National seminar on “Application of Nanotechnology in Current Agricultural Practices” held at Dr.Zakir Hussain College,Ilayangudi-630 702 on 9-10.2.2011.

National Conference on” Explorations of the Natural Bioactive Compounds from the Marine Resources”(Bioactiva’11) held at the Department of Marine Sciences, Bharathidasan University,Tiruchirapalli-620 024 on 10-11.2.2011.

State Level Seminnar on Perspectives of Environmental Biotechnology-Hitherto and Henceforth held at Sri Parasakthi College for Women, Courtalam-627 802 **on** 29.02.2012.

International Conference on Biotechnology held at Sri Kaliswari College,Sivakasi on 11-01-2013.

National Conference on Fungal Diversity and Biotechnology for Food and Chemicals held at Centre of Advanced Study in Marine Biology,Annamalai University,Parangipettai-608 502, Tamilnadu on 27-28-02-2014.

National Conference on Higher Education in India:Emerging Needs and Challenges held at V.O.Chidambaram College,Tuticorin=628 002 on 26-27-03-2015.

MUTA Third Academic Conference and Seminar on Contemporary Issues in Higher Education held at Sree Ayaoppa College for Women,Chunkankadai,Kanya Kumari on 26-09-2015.

Workshops Attended:

UGC sponsored workshop on “PCR Technique for DNA Amplification and Disease Diagnosis” held at the Centre of Advanced Study in Marine Biology, Annamalai University Parangipettai-608502 on 14-15.3.2008.

Seminar cum Workshop on The Use of Alternatives to Animals in Life Science Education held at S.T. Hindu College, Nagarcoil on 13.7.2010.

Second International Seminar and Workshop on Sustainable Utilization of Tropical Plant Biomass held at University of Kerala, Thiruvananthapuram on 14-15.12.2010.

National Workshop on Basic Statistics Using SPSS And EXCEL (BASSE-2016) organized by Department of Zoology, Sadakathullah Appa College, Tirunelveli-627 011 on 05-06-01-2016.

Books Published:

Proceedings of the State Level Seminar on Bio-Prospecting of Natural Resources (BPNR- 2011) at The M.D.T.Hindu College,Tirunelveli on 28.01.2011, 207pp.**ISBN : 978-81-7966-299-1.**

Proceedings of International Conference on Environmental Security for Food and Health (ICESFH-2012) organized by Department of Zoology,The M.D.T.Hindu College at Kanyakumari, on 16-18, February, 2012, 238pp. **ISBN: 978-81-7966-301-1.**

Proceedings of National Seminar on Marine Resources (NSMR'16) organized by Department of Zoology, The M.D.T.Hindu College at Tirunelveli on 3 - 4 March, 2016,266 pp.**ISBN: 978-81-931973-9-4.**

Proceedings of National Conference on Modern Perspectives and Strategies in Teaching, Learning and Evaluation organized by Internal Quality Assurance Cell ,The M.D.T.Hindu College at Tirunelveli on 30-09 & 01-10-2016, 393pp.**ISBN:978-81-932645-2-2.**

Extra Curricular/ Extension Activities within the College:

Coordinator for **Blood Donors Club** from July, 2000 to April, 2005

Coordinator for **Consumer Club** from August, 2002 to April, 2005

Coordinator for **Road Safety Patrol Programme** from August, 2004 to April, 2005

Coordinator for **Red Ribbon Club** from September, 2004 to April, 2005

Member of **Eco Club** from July, 2000 to April, 2005

Program Officer in **National Service Scheme** Unit No.36 from September, 2001 to April,2005.

Participated in **National Integration Camp** at A.M.Linganna Junior College, Hindupur, Andhra Pradesh from 12-01-2004 to 18-01-2004 as **Contingent Leader** of Manonmaniam Sundaranar University N.S.S. Volunteers Team.

Tsunami Relief Work by the N.S.S.Volunteers at **Pudur and Kottilpadu Villages of Kanyakumari District** from 22-02-2005 to 03-03-2005 was highly praised and appreciated by the then **District Collector** of Kanyakumari District.

Member in **LEAD FORUM** at The M.D.T.Hindu College from 2015.

Other Academic Activities:

U.G. Question paper setter for Vivekananda College (Autonomous), Madurai Kamaraj University, Thiruvudagam (2004-2006).

U.G. Question paper setter for Sarah Tucker College (Autonomous), Manonmaniam Sundaranar University, Tirunelveli (2003-2006).

Member, Board of Studies (Advanced Zoology and Biotechnology) in Sadakathullah Appa College (Autonomous), Manonmaniam Sundaranar University, Tirunelveli (2006-2009).

Member, Research Forum in The M.D.T. Hindu College from 2015.

Member, Editorial Board in **HINDCO Journal**.

Member, Board of Studies in Advanced Zoology and Biotechnology **Under Graduate** (2012-2015) at Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli-627 011

Member, Board of Studies in Zoology **Post Graduate** (2016-2019) at Sadakthullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli-627 011

Serving as Subject Experts/ Chair Persons/ Resource Persons:

Resource Person in UGC-SAP sponsored National Seminar on Advances In Toxicology And Serinano Technology (ATS-2015) organized by Department of Zoology, Annamalai University, Annamalai Nagar, Chidambaram-608 002 on 23rd and 24th July, 2015.

Chair Person in UGC-SAP sponsored National Seminar on Advances In Toxicology And Serinano Technology (ATS-2015) organized by Department of Zoology, Annamalai University, Annamalai Nagar, Chidambaram-608 002 on 23rd and 24th July, 2015.

Chair Person in National Conference on Emerging Trends in Management of Infectious Diseases and Public Health (ETMIDPH-2016) organized by PG and Research Department of Biotechnology, Mohamed Sathak College of Arts and Sciences, Sholinganallur, Chennai-600 119 on 4th and 5th, February, 2016.

Any Other Particulars:

Member, Editorial Board for the Proceedings of the International Conference on Environmental Security for Food and Health (**ICESFH-2012**) at Kanyakumari on 16-18, February, 2012, 238pp. **ISBN: 978-81-7966-301-1.**

Editor for Proceedings of the National Seminar on Marine Resources (**NSMR'16**) organized by Department of Zoology, The M.D.T.Hindu College, Tirunelveli on 3rd and 4th March, 2016, 266pp.**ISBN: 978-81-931973-9-4.**

Member ,Editorial Board for the Proceedings of National Conference on Modern Perspectives and Strategies in Teaching, Learning and Evaluation organized by Internal Quality Assurance Cell The M.D.T.Hindu College at Tirunelveli on 30-09 & 01-10-2016, 393pp.**ISBN:978-81-932645-2-2.**

Patents Registered:

Invention 1 : Antimicrobial salts from marine salt marsh herbs

Registration : **Intellectual Property India**, Patent Office, Government of India, Chennai-600 032

Application Number : **2115/CHE/2013**

Filing Date : 13-05-2013

Publication Date : 21-11-2014

Invention 2 : Antidiabetic drug obtained from herbal salt

Registration : **Intellectual Property India**, Patent Office, Government of India, Chennai-600 032

Application Number: **3390/CHE/2013**

Filing Date : 30-07-2013

Publication Date : 06-02-2015

Abroad Visit:

International Conference and Exhibition On “Mangroves of Indian And Western Pacific Oceans” held at Legend Hotel, **Kuala Lumpur, Malaysia** on 21-24.8.2006.