

Name : K.Subramonian

Designation : Assistant Professor

Date of Birth : 26th April 1971

Date of Appointment : 01st June 2007

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Awards and Achievements

- University Level **Best NSS Programme Officer Award** for the Year 2015-2016 Sponsored by Manonmaniam Sundaranar University,Tirunelveli.
- **Best Community Service Award 2016** Sponsored by Max Jones Charitable Trust.
- **National Young Leaders Programme Award** for the Year 2015-16. Sponsored by Ministry of Youth Affairs & Sports, Government Of India.
- University Level **Best Unit Award** for the Year 2016-17 Sponsored by Manonmaniam Sundaranar University,Tirunelveli.

Projects Received

Minor Research Project titled “Studies on Selected species of *Orthosiphon* Benth”received from UGC (F.MRP- 5372/14 SERO-UGC).UGC, Southern Regional Office Sanctioned Hyderabad Sanctioned an amount of Rs.2,60,000/-

Seminars/Conferences Organized

- Organized One day State Level Seminar on Bioprospecting of Natural resources (BPNR-2011) at the M D T Hindu College, Tirunelveli 2011 jointly with the Department of Zoology..
- Organizing Committee member in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organized by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.

Paper Presented in the International/National Seminars/Conferences - 64

- **Presented** a Paper on “Biochemical Properties Of Different Parts Of Basidiomata of *Lentinus squrosulus*” in the three day National Conference on Bioprospecting of Bioresources held at the department of Plant Biology & Plant Biotechnology, St.Xavier’s College, Palayamkottai sponsored by DBT & organized by Department of Plant Biology & Plant Biotechnology, St.Xavier’s College, Palayamkottai.
- Paper entitled “ Role of Womens participation in Higher education” **presented** in Naac Sponsored National conference on Higher education and students participation in Quality assurance” organized by Internal Quality Assurance Cell, The MDT Hindu College, Tirunelveli 24th & 25th January 2008 at the MDT Hindu College, Tirunelveli-627010, Tamilnadu, India.
- Paper entitled “Production of compost from Vegetable Wastes By Vermibiotechnology” **presented** in National Seminar on Emerging trends in Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College, Tirunelveli-11, Tamilnadu, India.
- Paper entitled “Compost Production of from Teak leaf Wastes in different ratios By Vermibiotechnology” **presented** in National Seminar on Emerging trends in Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College, Tirunelveli-11, Tamilnadu, India.
- Paper entitled “Production of compost from Jack fruit Wastes By Vermibiotechnology” **presented** in National Seminar on Emerging trends in Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College, Tirunelveli-11, Tamilnadu, India.
- Paper entitled “Compost Production of from Ficus leaf Wastes in different ratios By Vermibiotechnology” **presented** in National Seminar on Emerging trends in Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College, Tirunelveli-11, Tamilnadu, India.
- Paper entitled “Compost Production of from Thespesia leaf Wastes in different ratios By Vermibiotechnology” **presented** in National Seminar on Emerging trends in

Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College,Tirunleveli-11,Tamilnadu,India.

- Paper entitled "Selection of suitable media for the mycelia growth of *Lentinus squarrosulus* mont." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Changes in physical parameters during vermicomposting of Vegetable Wastes." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Changes in Soil nutrients during vermicomposting of Vegetable Wastes." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Changes in Soil nutrients during vermicomposting of Teak Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Analyses of various physical parameters during vermicomposting of Teak Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Analyses of various physical parameters during vermicomposting of Jack fruit Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Changes in Soil nutrients during vermicomposting of Jack Fruit Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Analyses of various physical parameters during vermicomposting of Thespesia Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.
- Paper entitled "Changes in Soil nutrients during vermicomposting of Thespesia Leaves." **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunleveli-627008,Tamilnadu,India.

- Paper entitled “Changes in physical parameters during vermicomposting of Ficus Leaves.” **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Paper entitled “Changes in Soil nutrients during vermicomposting of Ficus Leaves.” **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Poster entitled “Role of Antioxidant in Geriatric Diseases.” **presented** in State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Paper entitled “Antioxidant-The New Anti aging Agent” **presented** in TANSCHESponsored National conference on Changing Food Habits and its Effects”organized by PG Department of HRD and Botany on 18th Aug 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Paper entitled “Mushrooms the protein rich food” **presented** in TANSCHESponsored National conference on Changing Food Habits and its Effects”organized by PG Department of HRD and Botany on 18th Aug 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Paper entitled “Junk food and Obesity” **presented** in TANSCHESponsored National conference on Changing Food Habits and its Effects”organized by PG Department of HRD and Botany on 18th Aug 2009 at Rani Anna Govt. College for Women, Tirunelveli-627008, Tamilnadu, India.
- Paper entitled “Studies on *Anisomeles malabarica* R.Br leaf extracts on chosen pathogenic bacteria.” **presented** in National conference on Frontiers in Bioscience NCFB-2009 4-5th Sep 2009 at Women’s Christian College, Nagercoil-629001, Tamilnadu, India.
- Paper entitled “Comparative Pharmacognostic studies on Genuine and Commercial samples of *Centella asiatica*(L.)URBAN.” **presented** in National symposium on Standardisation of Crude Drugs (SCD-2009)on 23rd Dec 2009 at Manonmaniam Sundaranar University, Tirunelveli-627012.
- Paper entitled “Herbs for sports injury.” **presented** in National seminar on Practical Approaches and Application on Sports Medicine(PAAS 2010)on 29th Jan 2010 at The MDT Hindu College, Tirunelveli-627010.
- Paper entitled “Biochemical Analysis of Different Parts of *Lentinus squarrosulus* Mont.” **presented** in All India National conference of Scott Research Forum(SRF)on 13th March 2010 at Scott Christian College(Autonomous) Nagercoil-629003.

- Paper entitled "***Lentinus squarrosulus*** Mont.- A Biomass Converting Protein rich Mushroom"**presented** in 10th Seminar of Tamilnadu Science Council"Organised by Manonmaniam Sundaranar University, Tirunelveli-627 012 on 21st-23rd May 2010 at Manonmaniam Sundaranar University,Tirunelveli-627 012.
- Paper entitled "Effect of Different Wave Length on Mycelial growth&Protein content of ***Lentinus squarrosulus*** Mont." **presented** in National Seminar on Environmental Awareness and Research for Sustainable Development (EARSD-2010)at Annamalai university on August20&21st 2010.
- Paper entitled "Biochemical Properties of ***Lentinus squarrosulus*** Mont." **presented** at MDT Hindu College,Tirunelveli-10 in Aiyuvu sinthanaigal organized by Ayinthamil ayuvaalar mantram Madurai on 11th December 2010.
- Paper entitled "The Roadside Tree Diversity And Its Importance In Tirunelveli Corporation Area,Tamilnadu" **presented** in National Seminar On First Biodiversity Congress 2010, Thiruvananthapuram, Kerala Organised by CISSA,KSBB,University of Kerala and Navdanya New Delhi.on 28th to 30th December 2010.
- Paper entitled "Sacred groves of Tirunelveli Corporation – ideal centres for biodiversity conservation" **Presented** in the State Level Seminar on Bio-Prospecting Of Natural Resources(BPNR-2011) Organized by Dept. Of Advanced Zoology & Biotechnology and Dept. of Plant Biology &Plant Biotechnology, MDT Hindu College,Tirunelveli-10.
- Paper entitled "Pollination Efficiency of Apies dorsata in Brinjal, Solanum melongena L." **Presented** in the State Level Seminar on Bio-Prospecting Of Natural Resources(BPNR-2011) Organized by Dept.Of Advanced Zoology&Biotechnology and Dept. of Plant Biology &Plant Biotechnology, MDT Hindu College,Tirunelveli-10.
- Paper entitled "Community Structure and Seasonal Dynamics of Pierid Butterflies of Anaikutty hills,Western Ghats" **Presented** in the State Level Seminar on Bio-Prospecting Of Natural Resources(BPNR-2011) Organized by Dept.Of Advanced Zoology&Biotechnology and Dept. of Plant Biology &Plant Biotechnology, MDT Hindu College,Tirunelveli-10.
- Paper entitled "Studies on the Ornamental plants Of Palayamkottai municipal area, tamil nadu" **presented** in National Seminar On Biodiversity and Conservation at Sadakathullah appa College,Tirunleveli-11,Tamilnadu Organized by Dept.Of Plant Biology&Plant Biotechnology and Advanced Zoology&Biotechnology at Sadakathullah appa College,Tirunleveli-11,Tamilnadu.
- Paper entitled "Antioxidants For Sports and its Fitness" **presented** in the National Seminar on Prospective Approaches And Applications in Sports Science on 4th February 2011.Organized by Dept. of Physical education,Health education and Sports,The MDT Hindu College,Tirunelveli-627 010.

- Paper entitled “Wetlands And Water Birds in Tirunelveli And Tuticorin Districts ” **presented** in the National Seminar on “Shrinking Wetlands!Raising Global”on July 21,22nd 2011.Organized by Dept. of Botany,Rani Anna Government College for Women,Tirunelveli 627 008,Tamilnadu.
- Paper entitled “Wetland Losses – A Threat to Ecological Balance” **presented** in the National Seminar on “Shrinking Wetlands!Raising Global”on July 21,22nd 2011.Organized by Dept. of Botany,Rani Anna Government College for Women,Tirunelveli 627 008,Tamilnadu.
- Paper entitled “Constructed Wetlands – An Artificial Wastewater Treatment System” **presented** in the National Seminar on “Shrinking Wetlands!Raising Global”on July 21,22nd 2011.Organized by Dept. of Botany,Rani Anna Government College for Women,Tirunelveli 627 008,Tamilnadu.
- Poster entitled “An Ecological Studies on Karungulam and Sengulam Tanks” **presented** in the National Seminar on “Shrinking Wetlands!Raising Global”on July 21,22nd 2011.Organized by Dept. of Botany,Rani Anna Government College for Women,Tirunelveli 627 008,Tamilnadu.
- Paper entitled “Effect of Different substrates on Basidiomata Production of *Lentinus squarrosulus* Mont,” **presented** in the National Seminar on Biotechnological Interventions in Green Technology for Sustainable Agriculture (BIGTSA’11) Organized by Microbial Biotechnology Laboratory,Dept. of Biotechnology,Manonmaniam Sundaranar University,Alwarkurichi-627 412,Tirunelveli District,Tamilnadu.
- Paper entitled “Diversity of aquatic and semi aquatic vegetation in AmbasamudramTaluk, Tirunelveli district, Tamil Nadu” **presented** in the State Level Intercollegiate Seminar on Water & Aquatic Pollution Organized by Department of Botany,Thiyagarajar College,Madurai.
- Paper entitled “A Report on Migratory Birds of Vaagaikulam, Tirunelveli District,Tamil Nadu” **presented** in the State Level Intercollegiate Seminar on Water & Aquatic Pollution Organized by Department of Botany,Thiyagarajar College,Madurai.
- Paper entitled “Invasion of water hyacinth in Tamirabarani River, TirunelveliDistrict, Tamil Nadu” **presented** in the State Level Intercollegiate Seminar on Water & Aquatic Pollution Organized by Department of Botany,Thiyagarajar College,Madurai.
- Paper entitled “Water & Aquatic Pollution in Tamirabarani River-A field study” **presented** in the State Level Intercollegiate Seminar on Water & Aquatic Pollution Organized by Department of Botany, Thiyagarajar College,Madurai.
- Paper entitled “Traditional knowledge of the Wild Edible Plants Used by the Tribal People of Point Calimere, Nagapattinam District,tamilnadu” **Presented** in the **International Conference** of Environmental Security For Food Health (ICESFH-2012).

- Paper entitled “Effect of Azotobacter on Seedling Growth of *Sesbania Grandiflora* (L.) POIR For Energy Plantation” **Presented** in the National Seminar on Sustainable Energy For Developments Opportunities and Challenges Ahead at St.Xaviers College December 2012.
- Paper entitled “Wetland Flora Of Tirunelveli Municipal Corporation, Tirunelveli District, Tamilnadu.” **Presented** in the National Seminar on Biodiversity and Bioresources A Fragile Balance Sponsored by UGC & DST at St.Xaviers College Palayamkottai on 25-26th February 2013.
- Paper entitled “Studies on the Chemical constituents of *Cadaba indica* Lam.(Capparaceae).” **Presented** in the National Seminar on Recent Trends in Bioactive Substances – 2013 (RTBASS-2013) Sponsored by UGC Organized by PG Research department of Botany, Govt. Arts College, Karur at Govt. Arts College, Karur on 5-6th March 2013.
- Paper entitled “Opportunities for Sustainable Forest Development through Native Tree Species in Point Calimere Birds Sanctuary, Tamilnadu” **Presented** in the National Workshop on Tree Seed Science and Silviculture Sponsored by Indian Council of Forestry Research and Education, organized by Institute of Forest Genetics and Tree Breeding, Coimbatore on 28-29th November 2013.
- Paper entitled “The Effect of Garden Fertilizers on Ground Water Quality” **Presented** in the National Seminar on Ground Water: Recent Developments and Environmental Issues Sponsored by UGC XIIth Plan, organized by Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu on 25-26th September 2014.
- Paper entitled “Antibacterial Activity of *Hyptis suaveolens* Leaf extracts against Conjunctivitis causing Bacterial isolate *Staphylococcus aureus*” **Presented** in the National Seminar on Plant Genetic resources: Utilization and Conservation Sponsored by UGC, organized by PG and Research Department of Botany, V.O.Chidambaram College, Thoothukudi, Tamilnadu on 12-13th February 2015. Page No.142.
- Paper entitled “Synthesis and Antibacterial Activity of Nanosized Zinc Aluminate Spinel by Co precipitation Method” **Presented** in the National Conference on Recent trends and Advances in Physics Sponsored by UGC, organized by PG Department of Physics, The MDT Hindu College, Tirunelveli, Tamilnadu on 19-20th February 2015. Page No.87-92.
- Paper entitled “Phytochemical and Antibacterial analysis of *Indigofera aspalathoides* Vahl ex DC” **Presented** in the National level Seminar on Coastal and Marine Ecosystems- Challenges and Opportunities Sponsored by Ministry of Earth Sciences, Govt. Of India, organized by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli, Tamilnadu on 12 – 13th March 2015. Page No.49.

- Paper entitled “Effect of Salt stress (NaCl) on certain Morphological and Physiological Characteristics of *Vigna unguiculata* (L.)Walp.” **Presented** in the National level Seminar on Coastal and Marine Ecosystems-Challenges and Opportunities Sponsored by Ministry of Earth Sciences ,Govt. Of India, organized by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli, Tamilnadu on 12 – 13th March 2015. Page No.63.
- Paper entitled “A Study on the Effects of Salt Stress on *Arachis hypogea* L.” **Presented** in the National level Seminar on Coastal and Marine Ecosystems-Challenges and Opportunities Sponsored by Ministry of Earth Sciences, Govt. Of India, organized by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli, Tamilnadu on 12 – 13th March 2015. Page No.64.
- Paper titled “Pharmacological Study of *Combretum ovalifolium* Roxb.(Combretaceae) **presented** in the DBT sponsored International conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden” organised by Microbial Biotechnology Laboratory, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli – 621 012, Tamilnadu on 28th and 29th September 2015. PP.98.
- Presented Paper titled In Vitro Antioxidant and Anti- inflammatory effect of *Combretum ovalifolium* Roxb.(Combretaceae) in the UGC and New Delhi Autonomy Grant Sponsored National Seminar on Recent Innovations and Developments in Biological Science (BIO-RID-2015) on 20th October 2015 organised by Department of Zoology, Sadakathullah Appa College Autonomous, Tirunelveli. Pp.45.
- Paper titled “Comparative L-Dopa content in seed materials of Market samples of *Atmagupta* (*Mucuna pruriens* (L.) DC.) **presented** in the DBT Sponsored International Conference “Biodiversity and Bioactive Natural Products for Human Welfare – 2016”(BIONAT 2016) organized by PG & research department of Botany, Government Arts College (Autonomous) Karur held between 10th to 12th February 2016, PP .32.
- Paper titled “Coastal Vegetation of Point Calimere Wildlife and Birds Sanctuary, Tamilnadu” Presented in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Poster titled “Marine Phytoplankton – A Supplementary Food for Health & Disease Prevention” Presented in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Poster titled “Sea Weeds- A Potent Source of Antioxidant” Presented in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research

and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.

- Poster titled “Health Benefits of Sea Vegetables” Presented in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Paper titled “Uses of Marine Resources in Siddha Medicine” Presented in the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016. Paper titled “Uses of Multimedia” Presented in the NAAC Sponsored National Conference on Modern Perspectives and Strategies Teaching, Learning and Evaluation on 30th September & 1st October 2016, Organised by internal Quality Assurance Cell, The M D T Hindu College, Tirunelveli.
- Presented paper titled “Biodiversity Conservation – Need of the Hour” in the National Level Seminar on “Climate Change – Challenges for Biodiversity” Sponsored by Ministry of Earth Sciences, Govt. Of India, New Delhi on 4th & 5th January 2017 organised by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli.
- Presented paper titled ‘*In vitro* Anti-diabetic activity of *Orthosiphon comosus* Wight ex Benth.(Lamiaceae)’ at National workshop on Conservation and Cultivation of Medicinal Plants on 16th and 17th December 2017 at Mettur, Organised by Siddha Medicinal Plants Garden, Central Council for Research in Siddha, Ministry of AYUSH, Government of India. pp.no.67.

Paper Published in Journals (With ISSN/ISBN) - 26

- Paper entitled “Quantitative Biochemical analysis of *Lentinus squrosulus* Mont” **Published** in “**INDIAN JOURNAL OF BOTANICAL RESEARCH**” (ISSN-0973-2233 Quaterly International Journal of Plant Science research) Volume:5, Number 1&2 March & June 2009. Page No.33-36.
- Paper entitled “Herbs For Sports Injury” **Published** in “**FACTS OF SPORTS MEDICINE**” (ISBN-978-81-907252-3-1) Issue1, January 2010. Page No.156-160.
- Paper entitled “Rules of Disease Prevention” Published in “**FACTS OF SPORTS MEDICINE**” (ISBN-978-81-907252-3-1) Issue1, January 2010. Page No.160-163.
- Paper entitled “Effect of different media on the mycelia growth of *Lentinus squrosulus* Mont” **Published** in “**INTERNATIONAL JOURNAL OF PLANT SCIENCES**” (ISSN-0973-1547 Quaterly International Journal of Plant Science research) Volume:5 Issue1, January to June 2010. Page No.78-80.

- Paper entitled "*Lentinus squarrosulus* Mont.- A Biomass Converting Protein rich Mushroom" **Published** in the proceedings of 10th Seminar of Tamilnadu Science Council"Organised by Manonmaniam Sundaranar University, Tirunelveli-627 012.(ISBN 938062717-3), Page 165-166.
- Paper entitled "Sacred groves of Tirunelveli Corporation – ideal centre's for biodiversity conservation" **Published** in the Proceedings Of State Level Seminar on Bio-Prospecting Of Natural Resources(ISBN 978-81-7966-299-1) Issue 1 January 2011.
- Paper entitled "Pollination Efficiency of *Apis dorsata* in Brinjal, *Solanum melongena* L." **Published** in the Proceedings Of State Level Seminar on Bio-Prospecting Of Natural Resources (ISBN-978-81-7966-299-1) Issue 1 January 2011.
- Paper entitled "Community Structure and Seasonal Dynamics of Pierid Butterflies of Anaikutty hills,Western Ghats" **Published** in the Proceedings Of State Level Seminar on Bio-Prospecting Of Natural Resources(ISBN 978-81-7966-299-1) Issue 1 January 2011.
- Paper entitled "Antioxidants For Sports and Fitness" **Published** in " FACTS OF SPORTS SCIENCE" (ISBN-978-81-907252-4-8) Issue1,January 2011.Page No.315-319.
- Paper entitled "Wound Healing Activities Of *Eugenia jambolana* .Lam Bark extracts in Albino Rats" **Published** in **International Journal Of Applied Biology and Pharmaceutical Technology** (ISSN 0976-4550)Vol.2.Issue 1 Jan-Mar.2011.
- Paper entitled 'Traditional knowledge of the Wild Edible Plants Used by the Tribal People of Point Calimere, Nagapattinam District, Tamilnadu" **Published** in the Proceedings (ISBN: 978-81-7966-301-1.) of **International Conference** of Environmental Security For Food Health (ICESFH-2012). Page No.66-69.
- Paper entitled "Antibacterial Effect of *Tephrosia spinosa* (L.F) Pers" **Published** in **RAC Journal of research** (ISSN 2230-7362)Vol.2. No.5, August 2012. Page No.114-118.
- Paper entitled "Effect of Azotobacter on Seedling Growth of *Sesbania grandiflora* (L.)POIR For Energy Plantation" **Published** in **Scientia Acta Xaveriana** (ISSN 0976-1152)Special IssueDecember2012. Page No.S216-S218.
- Paper entitled "Effect of *Calotropis gigantea* L. leaf Extracts On Chosen pathogenic Bacteria" **Published** in **RAC Journal of research** (ISSN :2230 – 7362) Vol.I No.6,February 2013.
- Paper entitled "Studies on the Chemical constituents of *Cadaba indica* Lam.(Capparaceae)." **Published** in the Proceedings of the National Seminar on Recent Trends in Bioactive Substances – 2013 (RTBASS-2013) (ISBN-978-93-90-5126-701-0) Sponsored by UGC Organized by PG Research department of Botany,Govt. Arts College, Karur. Page No.201-208.
- Paper entitled "Study of **Euphorbiaceae** in the Municipal Limits of Palayamkottai, Tirunelveli District." **Published** in **RAC Journal of research** (ISSN :2230 – 7362) Vol.II. No.9,February 2014.Pp.43-47.

- Paper titled “Comparative Leaf Anatomy of *Tephrosia spinosa* and *Teprosia villosa*” Published in the RAC Journal of Research (journal of Multidisciplinary Research) Volume:2 No.11, 2015. ISSN.2230 – 7362.Pp.24 – 30.
- Paper titled “Antibacterial activities of *Hyptis suaveolens* Leaf extracts against *Staphylococcus aureus*” Published in the RAC Journal of Research (Journal of Multidisciplinary Research) Volume:2 No.11, 2015. ISSN.2230 – 7362.Pp.56 – 61.
- Paper titled “Comparative L-Dopa content in seed materials of Market samples of Atmagupta (*Mucuna pruriens* (L.) DC.) **Published** in the DBT Sponsored International Conference Proceedings (ISBN 978-9-384008-07-9)on “Biodiversity and Bioactive Natural Products for Human Welfare – 2016”(BIONAT 2016) organized by PG & research department of Botany, Government Arts College (Autonomous) Karur held between 10th to 12th February 2016,PP .32.
- Paper titled “Coastal Vegetation of Point Calimere Wildlife and Birds Sanctuary, Tamilnadu” Published in the Proceedings (**ISBN** : 978-81-931973-9 -4) of TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Paper titled “Use of Marine Resources in Siddha Medicinal System” Published in the Proceedings (**ISBN** : 978-81-931973-9 -4) of TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Paper titled “Marine Phytoplankton – A Supplementary Food for Health & Disease Prevention” Published in the Proceedings (**ISBN** : 978-81-931973-9 -4) of TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Paper titled “Sea Weeds – A potential Source of Antioxidant” Published in the Proceedings (**ISBN** : 978-81-931973-9 -4) of TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Paper titled “Health Benefits of Sea Vegetables” Published in the Proceedings (**ISBN** : 978-81-931973-9 -4) of TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in

collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.

- Published Paper titled “Use of Multimedia in Class rooms” In the IQAC Sponsored National Seminar on “Modern Perspectives and Strategies in Teaching Learning and Evaluation” organized by IQAC, The MDT Hindu College, Tirunelveli. on 30th September&1st October 2016.Pp.70-73.
- Published paper titled “Quantitative phytochemical analysis of *Orthosiphon comosus* Wight ex Benth. (Lamiaceae)”in RAC journal of Research 2(1)(1–6)2016.Multidisipline Research Journal with ISSN No.2230-7362. Pp1-6.

Paper Published in journals (Without ISSN/ISBN) - 5

- Paper entitled “Biochemical Properties Of Different Parts Of Basidiomata of *Lentinus squarrosulus*” **published** in the Proceedings of National Conference on Bioprospecting of Bioresources held at St.Xavier’s College, Palayamkottai sponsored by DBT & organized by PG &Research Department of Plant Biology & Plant Biotechnology, St.Xavier’s College, Palayamkottai.Page No.60-64.
- Paper entitled “ Role of Womens participation in Higher education” **published** in the Proceedings of NAAC Sponsored National conference on Higher education and students participation in Quality assurance”organized by Internal Quality Assurance Cell,The MDT Hindu College,Tirunelveli. 627010.Page No.141-142.
- Paper entitled “Biochemical Properties of *Lentinus squarrosulus* Mont-A Research” **Published** in the proceedings of Aiyuvu sinthanaigal organized by Ayinthamil ayuvaalar mantram Madurai.
- Paper entitled “Biochemical Analysis of Different parts of *Lentinus squarrosulus* Mont” Published in the proceedings of the VII All India Conference of Scott Research Forum. Volume- II 2010.Page No. 209-211.
- Paper entitled “Synthesis and Antibacterial Activity of Nanosized Zinc Aluminate Spinel by Co precipitation Method” **Published** in the Proceedings of National Conference on Recent trends and Advances in Physics Sponsored by UGC, organized by PG Department of Physics, The MDT Hindu College, Tirunelveli, Tamilnadu on 19-20th February 2015.Page No.87-92.

Orientation/Refresher Course attended

- Completed the **Orientation Course** at UGC-Academic Staff College, Madurai Kamaraj University from 18.05.2009 to 14.06.2009 organized by UGC-Academic Staff College,, Madurai Kamaraj University, Madurai.
- Completed the **Refresher Course** at UGC-Academic Staff College, Madurai Kamaraj University from 18.11.2010 to 08.12.2010 organized by Department of Plant Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai.
- **Completed** the Orientation Course at Empanelled Training Institute-National Service Scheme Under the Auspices of the Ministry of Youth Affairs and Sports, Avinashalingam Institute for Home Science and Higher Education for Women, Coimbatore from 12.02.2015 to 18.02.2015.
- Completed the **Refresher Course** in Life Sciences (Inter Disciplinary) from 8th November 2016 to 28th November 2016 organised by UGC – Human resource Development Centre, Bharathidasan University, Tiruchirapalli – 620 023, Tamilnadu, India.
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International/National Seminar /Conference attended

- **Attended** two day Seminar on **Recent Developments in Botany** sponsored by UGC-COSIP organized by Department of Botany, Vivekananda College, Agasteeswaram, Kanyakumari district.
- **Attended** one day Regional Seminar on **Recent advances in Agricultural Microbiology** organized by Post Graduate Department of Zoology, Vivekananda College, and Thiruvadakam west, Madurai district.
- **Attended** one day Seminar on **Taxon-2004** at Parasakthi College for Women, Courtallam organized by Department of Botany, Parasakthi College for Women, Courtallam.
- **Attended** One day Seminar on **Practical Agricultural Practices** at Puliangudi organized by Tamilnadu vivasaya Sangam, Puliangudi.
- **Attended** the three day National Conference on Bioprospecting of Bioresources held at the department of Plant Biology & Plant Biotechnology, St.Xavier's College, Palayamkottai sponsored by DBT & organized by Department of Plant Biology & Plant Biotechnology, St.Xavier's College, Palayamkottai.
- **Attended** one day Seminar on **Facets of Biotechnology** at Parasakthi College for Women, Courtallam organized by Department of Botany, Parasakthi College for Women, Courtallam.
- **Attended** Three day **International Conference on Sea, Land, People** Marine and Terrene Ecology (ICMTE) Bioprospecting of Bioresources held at St.Xavier's College,

Palayamkottai organized by Jesuit Tsunami Services in Collaboration with St.Xaviers College, Palayamkottai.

- **Attended** 1st State level Seminar on **Recent Trends in Biotechnology** organized by Department of Biotechnology, Sri Parama Kalyani College, and Alwarkurichi held at Sri Parama Kalyani College, Alwarkurichi
- **Attended** Three day National Conference on Bioprospecting of **Marine Resources with Special Reference to Marine Natural Products And Drug Discovery** Sponsored by DST, DBT, DOD-New Delhi TNSC & ST-Chennai, Organized by Department of Oceanography and Coastal Area Studies, Alagappa University,Thondi,Karaikudi.
- **Attended** the Naac Sponsored National conference on Higher education and students participation in Quality assurance”organized by Internal Quality Assurance Cell,The MDT Hindu College,Tirunelveli 24th &25th January 2008 at the MDT Hindu College,Tirunelveli-627010,Tamilnadu,India.
- **Attended** the National Seminar on Emerging trends in Biotechnology Bioxpress 2009 on 21st March 2009 at Sadakathullah appa College,Tirunelveli-11,Tamilnadu,India.
- **Attended** the State Level Seminar on Bioprospecting and ethnopharmacy of Bioresources on 30-31st March 2009 at Rani anna Govt. College for Women,Tirunelveli-627008,Tamilnadu,India.
- **Attended** the National conference on Changing Food Habits and its Effects”organized by PG Department of HRD and Botany on 18th Aug 2009 at Rani anna Govt. College for Women,Tirunelveli-627008,Tamilnadu,India.
- **Attended** the National conference on Frontiers in Bioscience NCFB-2009 4-5th Sep 2009 at Women’s Christian College,Nagercoil-629001,Tamilnadu,India.
- **Attended** the National symposium on Standardisation of Crude Drugs (SCD-2009)on 23rd Dec 2009 at Manonmaniam Sundaranar University,Tirunelveli-627012.
- **Attended** the National seminar on Practical Approaches and Application on Sports Medicine(PAAS 2010)on 29th Jan 2010 at The MDT Hindu College, Tirunelveli-627010.
- **Attended** One day Seminar on “Recent trends in Biotechnology Organized by Department of Biotechnology & centre for Marine Sciences and Technology,Manonmaniam Sundaranar university, Tirunelveli. Standardization of Crude Drugs” on 25th February 2010.
- **Attended** the All india national conference of Scott Research Forum(SRF)on 13th March 2010 at Scott Christian College(Autonomous) Nagercoil-629003.
- **Attended** the 10th Seminar of Tamilnadu Science Council”Organised by Manonmaniam Sundaranar University,Tirunelveli-627 012 on 21st-23rd May 2010 at Manonmaniam Sundaranar University,Tirunelveli-627 012.Page 165-166.
- **Attended** the National Seminar on Environmental Awareness and Research for Sustainable Development (EARSD-2010)at Annamalai university on August20&21st 2010.

- **Attended** the National conference Aiyuvu sinthanaigal organized by Ayinthamil ayuvaalar mantram Madurai on 11th December 2010.
- **Attended** the National Seminar On First Biodiversity Congress 2010, Thiruvananthapuram, Kerala Organised by CISSA, KSBB, University of Kerala and Navdanya New Delhi on 28th to 30th December 2010.
- **Attended** the State Level Seminar on Bio-Prospecting Of Natural Resources (BPNR-2011) Organized by Dept. Of Advanced Zoology & Biotechnology and Dept. of Plant Biology & Plant Biotechnology, MDT Hindu College, Tirunelveli-10.
- **Attended** the National Seminar On Biodiversity and Conservation at Sadakathullah appa College, Tirunelveli-11, Tamilnadu Organized by Dept. Of Plant Biology & Plant Biotechnology and Advanced Zoology & Biotechnology at Sadakathullah appa College, Tirunelveli-11, Tamilnadu.
- **Attended** the National Seminar on Prospective Approaches And Applications in Sports Science on 4th February 2011. Organized by Dept. of Physical education, Health education and Sports, The MDT Hindu College, Tirunelveli-627 010.
- **Attended** the National Seminar on “Shrinking Wetlands! Raising Global” on 21, 22nd July 2011. Organized by Dept. of Botany, Rani Anna Government College for Women, Tirunelveli 627 008, Tamilnadu.
- **Attended** the National Seminar on Biotechnological Interventions in Green Technology for Sustainable Agriculture (BIGTSA’11) Organized by Microbial Biotechnology Laboratory, Dept. of Biotechnology, Manonmaniam Sundaranar University, Alwarkurichi-627 412, Tirunelveli District, Tamilnadu.
- **Attended** the State Level Intercollegiate Seminar on Water & Aquatic Pollution Organized by Department of Botany, Thiagarajar College, Madurai.
- **Attended** the **International Conference** of Environmental Security For Food Health (ICESFH-2012) Sponsored by UGC, DBT & MoEs organized by Dept. of Zoology, The MDT Hindu College, Tirunelveli.
- **Attended** the National Seminar on Sustainable Energy For Developments Opportunities and Challenges Ahead at St. Xaviers College December 2012.
- **Attended** National Seminar On Environmental Education : Challenges And Practices Sponsored by UGC & UPCHEA organized by Enviro Club, St. Xaviers College, Palayamkottai on 10-11 January 2013.
- **Attended** the National Seminar on Biodiversity and Bioresources A Fragile Balance Sponsored by UGC & DST at St. Xaviers College Palayamkottai on 25-26th February 2013.
- **Attended** the National Seminar on Recent Trends in Bioactive Substances – 2013 (RTBASS-2013) Sponsored by UGC Organized by PG Research department of Botany, Govt. Arts College, Karur at Govt. Arts College, Karur on 5-6th March 2013.

- **Attended** State level KRP training on Content enrichment Programme for the PG teachers Organized by State Council of Educational Research And Training, Chennai.at DPI Campus on 05.08.2013.
- **Attended** One day International Conference on Bioprospecting of Natural Resources for Human Health at Dr.Zakir Husain College, Ilayankudi-630702, Sivaganga District. on September 10,2014,Organised by PG &Research Department of Zoology, Dr.Zakir Husain College,Ilayankudi-630702,Sivaganga District.
- **Attended** Two Day National Seminar on Ground Water:Recent Developments and Environmental Issues Sponsored byUGC XIIth Plan, organized by Centre for Geotechnology,Manonmaniam Sundaranar University,Tirunelveli,Tamilnadu on 25-26th September 2014.
- **Attended** the National Conference on Recent trends and Advances in Physics Sponsored by UGC, organized by PG Department of Physics,The MDT Hindu College,Tirunelveli,Tamilnadu on 19-20th February 2015.
- **Attended** in the National level Seminar on Coastal and Marine Ecosystems-Challenges and Opportunities Sponsored by Ministry of Earth Sciences, Govt. Of India, organized by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli, Tamilnadu on 12 – 13th March 2015.
- **Attended** the 2nd National Post Graduate Criminology Conference on Human Rights, Victimization and Contemporary Indian Societies funded by UGC, New Delhi on January 9th and 10th 2017. Organized by Criminal Justice Forum, Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Tirunelveli – 627 012, Tamilnadu.

Workshops attended - 4

- **Attended** One Day National Level Workshop On “Environmental Challenges in Diffusing the Pollution Sponsored by Ministry of Environment and Forest Organised by Dept. Of Science & Humanities, National Engineering College, Kovilpatti on 15th February 2013.
- **Attended** the National Workshop on “Tree Seed Science and Silviculture” Sponsored by Indian Council of Forestry Research and Education, organized by Institute of Forest Genetics and Tree Breeding, Coimbatore on 28-29th November 2013.
- **Attended** UGC Sponsored National Workshop on “Application of Biotechnology in Rural Development” on 10th February 2017,organized by Department of Botany, T.D.M.N.S College, Tirunelveli, T.Kallikulam, Tirunelveli.
- **Attended** National level workshop on Conservation and Cultivation of Medicinal Plants on 16th and 17th December 2018 at Mettur, Organised by Siddha Medicinal Plants

Garden, Central Council for Research in Siddha, Ministry of AYUSH, Government of India. pp.no.67.

- **Ph.D Guidance (Furnish Details)**

Extra Curricular Activities

- NSS Programme Officer of NSS unit No.36 of Manonmaniam Sundaranar University from 2014 to till date.
- Coordinator, Ecoclub of The M.D.T Hindu College, Tirunelveli-10 from 2007 to till date.
- Coordinator, Social Service League of The M.D.T Hindu College, Tirunelveli-10 from 2007 to till date.
- Coordinator, National Integration Samithi of The M.D.T Hindu College, Tirunelveli-10 from 2007 to till date.

Other Activities

- Deputed as **evaluator** for the Tirunelveli District Inspire Award organised by Tirunelveli District School Education, and government of Tamil Nadu on 08.07.2015.
- **Chair Person** for the Invited lecture session for the DBT Sponsored International Conference BIONAT2016 "Biodiversity and Bioactive Natural Products for Human Welfare – 2016" organised by PG & research department of Botany, Government Arts College (Autonomous) Karur held between 10th to 12th February 2016.
- Invited as **Resource person** for the BT Assistants Enrichment Programme on 8th and 9th August 2015 organised by Tamil Nadu Government School Education at PSN College of Engineering, Melathidiyoor, Tirunelveli.
- **Organising committee member** for the TNSCST Sponsored National Seminar on Marine Resources (NSMR -16) organised by Department of Zoology, The MDT Hindu College, Tirunelveli in collaboration with Seaweed Research and Utilization Association, CAS in Marine Biology, Annamalai University, Parangipettai, on 3rd and 4th March 2016.
- Appointed as **Observer** for the B.Ed./M.Ed Degree Examinations, Tamil Nadu Teachers Education University, Chennai.
- Nominated as **Selection committee member** for the Project Staff of the IMR Project entitled "Medico Ethno Botanical Study" Siddha Medicinal Plants Garden, Central Council for Research in Siddha, Ministry of AYUSH, Govt. Of India, Chennai. On 15 & 16th July 2016.
- Deputed as **evaluator** for the INSPIRE Science Exhibition Award, Organised by the Department of School Education, Tirunelveli, Government of Tamil Nadu at St.Xavier's School, Palayamkottai on 18.07.2016.

- Delivered the **Special address** on Importance of Biodiversity and Biotechnology to the Human Life to the Students, Department of Physical Education, Manonmaniam Sundaranar University, Tirunelveli on 22nd September 2016.
- Deputed as **External expert** of the Green Audit committee for Rani Anna Govt. College for Women, Tirunelveli. on 28th September 2016.
- Deputed as **Chair person** in the National Level Seminar on “Climate Change – Challenges for Biodiversity” Sponsored by Ministry of Earth Sciences, Govt. Of India, New Delhi on 4th & 5th January 2017 organised by Department of Botany, Rani Anna Govt. College for Women, Tirunelveli.