

Dr. S. CHRISTOBHER M.Sc., B.Ed., Ph.D.

Permanent Address

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Research Experience

Worked as a Project Fellow in the Major Research Project titled “**Synergistic Effects and Health Risk Assessment of Radiation Dose Among Tobacco Users**” Sponsored by University Grants Commission (UGC), New Delhi, Government of India, from July -2012 to December -2015, at Environmental Research Laboratory, P.G and Research Department of Zoology, Jamal Mohamed College (Autonomous), Trichy.

Research Specialization

- Environmental Radioactivity
- Human Genetics

Research Publications

1. **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhari, A., Alagamuthu Karthickkumar, Vellingiri Balachandar, 2016. Cytogenetical analysis in blood lymphocytes of cigarette smokers in Tiruchirappalli district, Tamil Nadu, India. The Egyptian Journal of Medical Human Genetics, pp.1-6.
2. **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhari, A., 2016. Cytogenetic Biomonitoring, Micronucleus Test in Buccal Epithelial cells of Tobacco Smokers in Tiruchirappalli District (Tamil Nadu). International Journal of Pharmacological Review and Research, vol.38 (1) pp.201-205.
3. **Christobher, S.**, Periyasamy, M., Suganthi, P., Saravanan, T.S., 2015. Effect of Phosphamidon on Haematological and Biochemical parameters in freshwater fish *Labeo rohita*, International journal of Fauna and biological studies, vol.3 pp114-116.
4. Periyasamy, M., **Christobher, S.**, Syed Mohamed, H.E., Sadiq Bukhari, A., Shahul Hameed, P., and Sankaran Pillai, G., 2016. Assessment of Ambient gamma Radiation Level in The Tobacco Cultivated Areas of Dindigul and Erode Districts of Tamil Nadu. International Journal of Current Research, vol.8, 02, pp.26532-56536.
5. Periyasamy, M., **Christobher, S.**, Syed Mohamed, H.E., Sadiq Bukhari, A., Mohamed Shamsudin, 2016. Gross Alpha and Gross Beta Radioactivity Studies in Dindigul and Erode Districts, Tamil Nadu, International Journal of Advanced Science and Research. Vol.1 pp.22-26.

6. Periyasamy, M., **Christobher, S.**, Suganthi, P., and Sheik Umar Sahith, S.N., 2016. Analysis of Vermi composting Properties of *Lampito mauritii* Collected from selected areas of Tiruchirappalli District, Tamil Nadu, vol.3 pp.190-196.
7. Sheik Umar Sahith. S.N., Shaheed Vattakkandathil, Periyasamy, M., and **Christobher, S.**, 2016. Analysis of the stability of egg proteins of *Gallus domesticus* (Leghorn) under storing condition, Journal of science and technology investigation -ISSN: 2456-8082, Vol-1-1-November-2016: 1- 9.
8. **Christobher, S.**, Periyasamy, M., Syed Mohamed H.E. Sadiq Bukhari, A., Shahul Hameed, P Activity Concentrations of Polonium-210 and Lead-210 in Tobacco products and Dose Transfer to Tobacco Users in Tiruchirappalli Districts of Tamil Nadu. (**Under Review**)

List of Papers and Abstracts in Conferences/ Seminars attended/ participated

- **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhar, Mukthinath.(2019) abstract Cytogenetic risk among coke oven workers exposed to polycyclic aromatic hydrocarbons in Tiruchirappalli The Internatioanal conference on Environmental And Health (ICEH -2019) organized by PG and Research Department of Zoology Jamal Mohamed college Trichy-20 held on 25th January 2019.
- **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhar, A., Shahul Hameed, P., (2019) Activity concentration of ²¹⁰Po and ²¹⁰Pb in Tobacco product and dose transfer to tobacco users in Tiruchirappalli District, Tamil Nadu, India abstract in the 14th Binennial DAE – BRNS Symposium on Nuclear and Radiochemistry (NUCAR-2019) organized by BARC , Mumbai during Jan- 15-19, 2019.
- **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhar, A., Shahul Hameed, P., (2016). Abstract Assessment of radiation dose from ²¹⁰Po and ²¹⁰Pb due to tobacco product (Bidi) in Tiruchirappalli district, Tamil Nadu, India, In the National Seminar on Advances in Animal Science for Sustainable Development (AASSD) held on 15th Feb-2018 organized by the Post graduate Department of Zoology , Jamal ohamed College Tiruchirappalli-620 020, Tamil Nadu , India.
- **Christobher, S.**, Periyasamy, M., Syed Mohamed, H.E., Sadiq Bukhar, A., Shahul Hameed, P., (2016). Abstract Primordial Radionuclides Concentration in Tobacco Cultivated Areas of Erode District of Tamil Nadu, held at Tamil Nadu Scientific Research Organization, Pudukkottai, Tamil Nadu, India, on 27th and 28th July-2016.
- Periyasamy, M., **Christobher, S.**, Syed Mohamed, H.E., Sadiq Bukhar, A., Shahul Hameed, P., (2015). Assessment of Ambient Gamma Radiation Level in the Tobacco Cultivated Areas of Dindigul and Erode Districts, Abstract in International Conference of Chemical and Environmental Research (ICCER 2015) held at P.G and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, on 17th December -2015.
- Periyasamy, M., **Christobher, S.**, Syed Mohamed, H.E., Sadiq Bukhar, A., (2017). Abstract Activity Concentration of ²¹⁰Po and ²¹⁰Pb in Tobacco Cultivated Soil Samples of Dindigul and Erode Districts of Tamil Nadu, held at P.G and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, on 07th January -2017,
- National Seminar on Current Scenario in Environmental Biotechnology (ENVIBIO-2011). “Current Scenario in Environmental Biotechnology” held at P.G and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli on 23rd and 24th , February -2011.

- 35th Annual Conference of “Ethological Society of India (ACESI-2011) and Symposium on Chemical Signals in Animal Welfare” (CSAW-2011), held at Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli, on 15th and 16th December, 2001.
- National Seminar on “Environmental Changes and Bio wealth” (NECB-2012), held at P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, on 31st January, 2012.
- National Conference on “Current Challenges in Environment” (NC³ E-2013), held at P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, on 7th and 8th March, 2013.
- Seventh BRNS-AEACI School on “Analytical Chemistry (SAC-7, 2013), held at Association of Environmental Analytical Chemistry of India” (AEACI), C/O Analytical Chemistry Division. Bhabha Atomic Research Centre, Trombay, Mumbai, India, on 18th and 25th November, 2013.
- International Conference on “Radiation Biology and Clinical Application, A Molecular Approach Towards Innovations in Radiation Research”, held at K.S. Hegde Medical Academy (Constituent College of Nitte University), Mangalore, on 25th and 27th October, 2013.
- Seminar on “Environment and Resource Management”, held at P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, on 19th September, 2014.
- TEQIP II Sponsored Two Day Seminar on “Challenges and Opportunities in Chemical and Environmental Research” (chimera 2016), held at Department of Chemistry, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, on 11th and 12th August, 2016.
- UGC Sponsored National Seminar on “Environmental Challenges to Climate Change” (EC³), held at P.G. and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli, on 14th October, 2016.

Workshops Attended/ Participated

- ❖ Seventh School on Analytical Chemistry (SAC-7) -2013 during 18th -25th November Conducted by BRNS-AEACI BHABHA ATOMIC Research centre , Trombay ,Mumbai, India
- ❖ Gene Cloning and Gene Expression Techniques-2014 during 28th July to 13th August 2014. Conducted by Karpagam University, Coimbatore, Tamil Nadu, India.
- ❖ Workshop on Application of SPSS in Humanities, Science and Social Science 2015 during 24th & 25th November conducted by Madurai Kamaraj University, Madurai
- ❖ Award Presentation National Conference on Achievements, Challenges and Opportunities in Environmental Biotechnology for Sustainable Livelihood Security 2016 during 27th & 28th February Tamil Nadu Scientific Research Organization Pudukkottai, TamilNadu India
- ❖ National Seminar on Frontiers in Biosciences on 5th March 2016 organized by P.G. and Research Departments of Microbiology & Biotechnology, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India.
- ❖ Advances in Microalgal Research & Its Relevance to Climate Change organized by Centre for Climate change studies at Sathyabama University, Chennai 21st -22nd July 2016.

- ❖ National Workshop on Advances In Phyto-Insecticide Research UGC –XII Plan general Development Assistance in Annamalai University Annamalainagar, Tamil Nadu from 6th & 7th October, 2016

Academic/ Scientific Achievements / Activities

- ✓ Membership in Bose Science Society (MBSS), Pudukkottai, Tamil Nadu, India.
- ✓ Fellow of Bose Science Society (FBSS) Pudukkottai, Tamil Nadu, India.
- ✓ Member of the International Society of Zoological Sciences (ISZS).
- ✓ 24th National Children's Science Congress -2016 Evaluator at M.A.M College of Tiruchirappalli

Technical Qualification

- Type Writing in English
- MS-Office
- Computer –Cum- Internet Literacy Programme (CLP)

Aspiration

To achieve uncompromising innovations in life through sincerity and Hard work

Personal Information

D.O.B : 30th May1988
Father's Name : T. Samuel
Citizenship : Indian
Religion : Christian
Community : BC
Languages Known : Tamil and English