

Curriculum Vitae



Dr.JESSEN GEORGE, M.Sc., Ph.D.,

Permanent Address

Plavilayil-Ebenezer cottage,
Kummalloor P.O,
Kaithakuzhy, Kollam (DIST),
Kerala, India,
Pin: 691573.

Present Address

House No: E56, PWD Road,
Banjara Layout, Horamavu,
Bangalore-560043,
Karnataka, India.
Email: georgejessen@gmail.com
Mobile: +91-8123552370

Skype ID: [jessen.george2](https://www.researchgate.net/profile/Jessen_George)

https://www.researchgate.net/profile/Jessen_George

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Academic Qualifications:

- **Ph. D. in Life Sciences (Environmental Microbiology)** Department of Water and Health, Faculty of Life Sciences, J. S. S Academy of Higher Education and Research (Formerly Known as Jagadguru Sri Shivarathreeswara University), Mysore, Karnataka, India (2011-2016).
Topic: "*Microbial Risk Assessment and its Implications of Risk Management in Urban Water Systems of Mysore, Karnataka, (India)*".
- **M. Sc. in Microbiology** from Bangalore University, Bangalore, Karnataka, India (2003-2005).
- **B. Sc. in Microbiology** from Periyar University, Salem, Tamil Nadu, India (2000-2003).

Area of Specialization: Involved in various research works in microbiology including: Quantitative Microbial Risk Assessment (QMRA), Water-borne Diseases, Environmental Health, Environmental Microbiology, Applied Microbiology, Food Microbiology, Pharmaceutical Microbiology.

Teaching Areas: Applied & Medical Microbiology, Food Microbiology, Bacteriology and Virology, Immunology, Mycology, Environmental Microbiology, Environment & Public Health and Environmental Studies.

Research/Teaching and Professional experience:

Total Experience : 11 Years 3 Months

Experience in Teaching : 8 Years (3 years during the research period)
Experience in Research : 4 Years
Technical Experience : 1 Year
Administration : 1 Year 3 Months

1. Worked as **Principal**, Eben-Ezer Degree College, No.19, Hennur-Bagalur Main Road Kothannur Post, Bangalore, Karnataka, India from 1st June 2018 to 21st May 2019. (Duration: 1 Year).

Responsibilities/experience highlights:

- General administration and overall supervision of teaching programmes.
 - Supervision and guidance of teaching staff including the organization of in-service education of staff.
 - Responsibility for organizing the workload of staff including teaching assignments.
 - Participation in teaching programmes-Environment and Public Health, Environmental studies.
2. Worked as **Deputy Director-Academics**, Eben-Ezer Group of Institutions, No.19, Hennur-Bagalur Main Road Kothannur Post, Bangalore, Karnataka, India from 22nd February 2018 to 31st May 2018. (Duration: 3 Months).
 3. Worked as **Assistant Professor** in the Department of Microbiology, Centre for Research and PG Studies, Indian Academy Degree College - Autonomous, Hennur Cross, Bangalore, Karnataka, India, from 24th January 2017 to 17th February 2018. (Duration: 1 Year).

Responsibilities/experience highlights:

- Teaching experience in Bacteriology & Virology, Environmental Microbiology, Food Microbiology and Medical Microbiology.
 - Conducting regular classes for B. Sc. & M. Sc. Microbiology students.
 - Question paper setter for PG Microbiology examinations.
 - External Examiner for Environmental Science.
4. Worked as **Senior Research Fellow (SRF)-(ICMR)** in the Department of Water and Health, Faculty of Life Sciences, J. S. S University, Mysore, Karnataka, India, from 1st February 2013 to 24th September 2013 and re-joined on 20th March 2014 and continued till 31st January 2016 for the research project entitled "**Microbial Risk assessment with special reference to gastroenteritis and its implications of risk management in urban water systems of Mysore, Karnataka, (India)**". (Duration: 2 Years 6 Months).

Responsibilities/experience highlights:

- Developed and used Quantitative Microbial Risk Assessment (QMRA), tool in Mysore urban water systems for estimating the burden of disease and to evaluate the likely risk of infection.
- Taught subjects - Environmental Microbiology and Environmental Health.

5. Worked as **Postgraduate Fellow-TWAS-CAS** in State Key Lab of Environmental Aquatic Chemistry, Research Centre for Eco & Environmental Sciences (RCEES), Chinese Academy of Sciences, Beijing, China, from 26th September 2013 to 18th March 2014. (Duration: 6 Months).

Responsibilities/experience highlights:

- As part of my Ph. D. research, I had been worked on a novel method of Microbial Risk Assessment (MRA) to predict the incidents of gastroenteritis via drinking water in Mysore city, Karnataka, India.

6. Worked as **Junior Research Fellow (JRF)** in the Department of Water and Health, J. S. S University, Mysore, Karnataka, India, from 1st December 2011 to 30th November 2012. (Duration: 1 Year).

Responsibilities/experience highlights:

- Other than research conducted classes for B. Sc. Microbiology and M. Sc. Environmental Sciences students.

7. **Lecturer in Microbiology** at Azeezia College of Dental Sciences and Research, Meeyannoor, Kollam, Kerala, India, from 13th August 2007 to 8th June 2011.

(Duration: 3 Years 10 Months).

Responsibilities/ experience highlights:

- Teaching experience in Medical Bacteriology, Virology, Immunology, Medical Mycology and Medical Parasitology.
- Conducting regular classes for BDS, MBBS and B. Sc. Nursing students.
- Worked as an Invigilator and Skilled assistant in Kerala University theory and practical examinations.
- Performing common laboratory works like culturing and identification of bacteria's, antibiotic sensitivity testing.
- Staining technique like gram's staining, AFB staining, fungal staining, serological tests like ELISA, fungal culturing, Mycobacterium culturing in medical college laboratory and as part of the curriculum.

8. **Microbiologist-Trainee** - Department of Microbiology at Bhopal Memorial Hospital and Research Centre (BMHRC), Bhopal, Madhya Pradesh, India, from 7th April 2006 to 10th April 2007. (Duration: 1 Year).

Responsibilities/ experience highlights:

- Worked in the section of Mycobacteriology and handling MB/BacT Instrument, Concentration technique for culturing mycobacteria and sub-cultured different strains of Mycobacteria.
- Operation and handling of class-2 biological safety cabinet level A.
- Media preparation, Staining: Fluorescent, ZN, Gram's, Culturing and identification of microorganisms.

Research Students Guidance: M. Sc.: 5 Nos. (2017-2018)

- **Ms. Siri Karthiyayani Nagaraja:** Assessment of microbiological and physico-chemical and characteristics of water samples in households of Hennur area of Bangalore city, Karnataka, India.
- **Ms. Ajisha. A:** Assessment of microbial contamination in drinking water from end-user point in Hennur area, Bangalore city, Karnataka, India.

- **Ms. Swati Baliyan** and **Mr. Guru Prasad. V:** Assessment of heavy metal contamination in tubers sold in local markets of Bangalore, Karnataka, India.
- **Ms. Tejaswini. M** and **Mr. Guru Prasad. V:** Assessment of heavy metal contamination in vegetables and green leafy vegetables sold in local markets of Bangalore, Karnataka, India.

Awards/Fellowships:

- ❖ Recipient of **"Young Environmentalist-2014"** for best oral presentation in the 7th International Congress of Environmental Research (ICER), Bangalore, India.
- ❖ Recipient of **Senior Research Fellowship (SRF)-Indian Council of Medical Research** in the research project entitled "Microbial risk assessment with special reference to gastroenteritis and its implications of risk management in urban water systems of Mysore, Karnataka, (India)" on 1st February 2013.
- ❖ Recipient of **Post graduate Fellowship-TWAS-CAS-2012-2013** from The World Academy of Sciences (TWAS) and Chinese Academy of Sciences (CAS) for 6 months of research in China.
- ❖ Recipient of **J. S. S University Research Fellowship (JSS-URF)** in the research project entitled "Microbial risk assessment and its implications of risk management in urban water systems of Mysore" on 30th December 2011.

Online Courses Completed:

- 🚩 Certificate course on *"Hospital Incident Command Systems: How to Lead When a Crisis Occurs"* offered by *Society for Healthcare Epidemiology of America* on 9th January 2018.

Training Undergone:

- ❖ Attended 14 day's Refresher Course on Water: "It's Fascinating Science and Diverse Implications in the Natural World" Organized and sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Allahabad, in collaboration with Field Marshal Cariappa College, Madikeri, Kodagu District, Karnataka, India, on 16th Nov to 29th Nov 2015.
- ❖ Attended 21 day's training program on "Geospatial technology and application-2014" organized by Faculty of Life Sciences, J. S. S University and sponsored by Dep. Science and Technology, Ministry of Science and Technology, Govt. of India, on 4th Aug to 24th Aug 2014 at J. S. S University, Mysore, Karnataka, India.
- ❖ Attended 15 day's training programme on "Water and Sanitation-2013" organized by CEWE (Centre of Excellence for Water and Environment) and Research Centre for Eco-Environmental Sciences (RCEES), Chinese Academy of Sciences (CAS), Beijing, China, on 4th November to 15th November 2013.
- ❖ Attended and organized 21 day's Training program on "Geo-spatial technology and application" organized by J. S. S University and Dep. Science and Tech.,

Ministry of Science and Technology, Govt. of India, during August 2012 at Department of Water and Health, J. S. S University, Mysore, Karnataka, India.

- ❖ Attended 1 month academic project on "Production, extraction, purification and characterization of industrially important enzymes like protease, amylase, papain, and tannase from different microbial sources" during 2005 at Bio-nymph Research labs, Bangalore.
- ❖ Attended 1 month "Summer Academic Program in Microbiology" during 2002 at Santha clinical laboratories, Kollam, Kerala.
- ❖ Attended 1 month academic training program on "The proficiency course in English" organized by Central Institute of English and Foreign Languages (CIEFL), Hyderabad, during May 2001 at K. S. R College of Arts and Sciences, Thiruchengode, Namakkal (Dist), Tamil Nadu, India.

Membership in Academic and other Governing bodies:

- ❖ Advisory Board Member of World Journal of Pharmaceutical Research.
- ❖ Advisory Board Member of World Journal of Pharmacy and Pharmaceutical Sciences.
- ❖ Editorial Board Member-Food Biology.
- ❖ Editor-in-Chief for the International Journal of Applied Pharmaceutical Sciences and Research.
- ❖ International Association of Engineers (IAENG Member ID-175568).
- ❖ Member in Asia-Pacific Chemical, Biological & Environmental Engineering Society.
- ❖ Member in the International Water Resources Association (Member ID: 6030).

Reviewer of Journals:

- ✚ Chemosphere, Elsevier publishers.
- ✚ Exposure and Health, Springer-Netherland.
- ✚ Health Environments Research & Design Journal-Sage Publishers.
- ✚ International Journal of Applied Pharmaceutical Sciences and Research.
- ✚ Journal of Applied Pharmaceutical Science.
- ✚ Journal of Earth System Science-Springer.
- ✚ Journal of Water, Sanitation and Hygiene for Development-IWA Publishers.
- ✚ Pharmacognosy Magazine.
- ✚ Recent Research in Science and Technology-TathQeef Scientific Publishing.
- ✚ World Journal of Pharmaceutical Research.
- ✚ World Journal of Pharmacy and Pharmaceutical Sciences.

Research Publications - In Journals/Chapters in Book:

Book Chapter:

1. Severeni Ashili, Harikaranahalli Puttaiah Shivaraju and **George Jessen**. Assessment of Microbial Load Reduction Efficiency of Sewage Treatment Plants (STP's) in Mysore, Karnataka, India. Water and Wastewater Treatment, Murat Eyvaz, IntechOpen, IntechOpen, The Shard, 32 London Bridge Street, London SE1 9SG, United Kingdom. DOI: 10.5772/intechopen.82248 **(2019)**.

2. **Jessen George**, Divya Lakshminarayanan, Ashili Severeni and Suriyanarayanan Sarvajayakesavalu. Urban wastewater treatment systems: Assessment of removal efficiency based on microbial pathogens-A case study in Mysore, India. *Innovations in Agricultural and Biological Engineering, Sustainable Biological Systems for Agriculture, Emerging Issues in Nanotechnology, Biofertilizers, Wastewater, and Farm Machines*, 269-280, Apple Academic Press, USA **(2018)**.
3. Divya Lakshminarayanan, **Jessen George** and Suriyanarayanan Sarvajayakesavalu. Antibiotic resistance of *Staphylococcus aureus*-A Review. *Innovations in Agricultural and Biological Engineering, Sustainable Biological Systems for Agriculture, Emerging Issues in Nanotechnology, Biofertilizers, Wastewater, and Farm Machines*, 193-206, Apple Academic Press, USA **(2018)**.
4. Rajasree. P. H, **Jessen George** and Krishna Prasad. Phytochemical screening, formulation and evaluation of polyherbal ointment containing *Mimosa pudica* and *Samadera indica*. *Innovations in Agricultural and Biological Engineering, Sustainable Biological Systems for Agriculture, Emerging Issues in Nanotechnology, Biofertilizers, Wastewater, and Farm Machines*, 281-290, Apple Academic Press, USA **(2018)**.
5. Midhun G, Divya L, **George J**, Jayakumar P, Suriyanarayanan S. Wastewater treatment studies on free water surface constructed wetland system. In: Prashanthi M, Sundaram R. (eds) *Integrated Waste Management in India. Environmental Science and Engineering*, 97-109, Springer, Cham. Springer International Publishing-Switzerland **(2016)**.

In Journals:

6. Sruthy Sadanandan, Vincy M. V, Roshni Susan Elias, Chandhu. K. Prasad and **Jessen George**. Screening of plant growth hormone producing microorganisms. *International Research Journal of Biological Sciences*, 8(2), 1-5 **(2019)**.
7. Swati Baliyan, Guru Prasad. V, Tejaswini. M and **Jessen George**. Assessment of heavy metal contamination in tubers sold in local markets of Bangalore, Karnataka, India. *International Research Journal of Environmental Sciences*, 7 (8), 24-26 **(2018)**.
8. Suriyanarayanan Sarvajayakesavalu, Divya Lakshminarayanan, **Jessen George**, S. B. Magesh, K. M. Anilkumar, G. M. Brammanandhan, A. Chandrasekara, M. Ravikumar. Geographic information system mapping of gross alpha/beta activity concentrations in ground water samples from Karnataka, India: A preliminary study. *Groundwater for Sustainable Development*, 6, 164-168 **(2018)**. **IF: 1.076**
9. Ajisha. A, Siri Karthiyayani Nagaraja, Pethannan Rajarajan and **Jessen George** Assessment of Microbial Contamination in Drinking Water from Source to End User Point in Hennur Area Bangalore City, Karnataka, India. *International Journal of Environmental Health and Technology*, 1(1), 8-12 **(2017)**.
10. Rajasree P. H, Beenu B, Arunkumar N, **Jessen G**. The Effect of Different Polymers on the Drug Release Behavior from Fast Dissolving Amlodipine Besylate Oral Films for the Treatment of Hypertension. *Modern Applications of Bioequivalence & Bioavailability*, 1(4), 001-004: 555570. **(2017)**.
11. Divya. S, **Jessen George**, Divya. L, Midhun. G, Naz Roza Ali and Suriyanarayanan. S. Antibiotic resistance patterns of *E. coli* and *Staphylococcus aureus* isolated from hospital wastewater samples of Mysore, South India. *Bulletin of Environmental and Scientific Research*, 5 (3-4) 5-10 **(2016)**.

12. Naz. R. A, **Jessen George**, Thivakaran. G. A, Devi. V and Nidhul Lal and Suriyanarayanan. S. Comparative studies on the intertidal marine biodiversity of Macro benthos of Kachchh coastal region, Gujarat, India. *Bulletin of Environmental and Scientific Research*, 5 (3-4) 11-15 **(2016)**.
13. **Jessen George** and Suriyanarayanan. S. Seasonal patterns of drinking water consumption pattern in Mysore city, Karnataka, South India. *Journal of Water, Sanitation and Hygiene for Development*, 6 (4), 569-575 **(2016)**. **IF: 0.977**
14. **Jessen George**, Divya Lakshminarayanan, Sajith. K. S, Severeni Ashili and Suriyanarayanan. S. Evaluation of bacterial pathogens in surface water of Cauvery River, Near Mysore, Karnataka, South India. *Bulletin of Environmental and Scientific Research*, 5 (1), 14-18 **(2016)**.
15. Gritta Sebastain, Rajasree. P. H, **Jessen George** and Gowda. D. V. Self Micron Emulsifying Drug Delivery Systems (SMEDDS) as a potential drug delivery system-Novel applications and future prespectives-A review. *International Journal of Pharmacy*, 6 (3), 105-110 **(2016)**. **IF: 0.460**
16. **Jessen George**, Magesh. S. B, Divya. L, Suriyanarayanan. S. An assessment of removal efficiency for bacterial pathogens in Mysore urban water system, Karnataka, India - A case study. *Desalination and Water treatment*, 57 (23), 10886-10893, **(2016)**. SCI Indexed-Publisher Taylor & Francis. **IF: 1.234**
17. Rajasree. P. H, **Jessen George**, Gritta Sebastain and Gowda. D. V. Formulation, phytochemical screening and physico-chemical evaluation of an antiseptic ointment containing *Azadiracta indica* and *Chromolena odorata*. *International Journal of Pharmacy and Biological Sciences*, 5 (4), 114-118, **(2015)**.
18. Krishna Prasad, Rashmi Rajappa, **Jessen George** and Shastry. C. S, Magesh. S. Bojan. Comparative study of mast cell stabilizing effect of extracts of selected plants with proven H1 antagonist activity. *World Journal of Pharmaceutical Research*, 4 (11), 981-993, **(2015)**.
19. Suriyanarayanan. S, Anil. K. M, Divya. L, **Jessen George**, Magesh. S. B and Rashmi. R. Determination of gross alpha activity and physico-chemical parameters of bore well samples of Mysore district. *International Research Journal of Environmental Sciences*, 4 (4), 1-5, **(2015)**.
20. Divya. L, **Jessen George** and Midhun. G. Heavy metal contamination of some common tubers sold in local markets of Ernakulam district, Kerala, India. *International Research Journal of Biological Sciences*, 4 (3), 49-52, **(2015)**.
21. Divya. L, **Jessen George**, Midhun. G, Magesh. S. B, Suriyanarayanan. S. Impacts of treated sewage effluent on seed germination and vigour index of monocots and dicot seeds. *Russian Agricultural Sciences*, 41, (4), 252-257, **(2015)**. Publisher Allerton Press-Springer.
22. **Jessen George**, Divya. L, Karthikeyan. K, Suriyanarayanan. S. The status of urban water treatment systems in Mysore, Karnataka, India: Is feasible and safe from a sustainable point of view?. *International Journal of Applied Environmental Sciences*, 10, (2), 451-461, **(2015)**.
23. **Jessen George**, Wei An, Dev Joshi, Dongqing Zhang, Min Yang, Suriyanarayanan. S. Quantitative microbial risk assessment to estimate health risk in urban drinking water systems of Mysore, Karnataka, India. *Exposure and Health*, 7 (3), 331-338, **(2015)**. SCI Indexed-Publisher Springer-Netherlands. **IF-4.532**

24. Divya. L, **Jessen. G**, Karthikeyan. K and Suriyanarayanan. S. Studies on pathogenic bacterial strains from selected sewage treatment plants of Mysore city, Karnataka, India during different seasons: A comparative appraisal. *Journal of Environmental Research and Development*, 9 (01) 1-7, **(2014)**.
25. Sravani. M, Divya. L, **Jessen George** and Suriyanarayanan. S. Assessment of physico-chemical and microbiological characteristics of water samples in Suttur village, Nanjangud taluk, Mysore, Karnataka. *International Research Journal of Environmental Sciences*, 3 (7), 1-4, **(2014)**.
26. **Jessen George**, Divya. L and Suriyanarayanan. S. A review of quantitative microbial risk assessment in the management of *Escherichia coli* 0157:H7 via drinking water. *Journal of Environmental Research and Development*, 8 (1), 60-68, **(2013)**.
27. Suriyanarayanan. S, **Jessen. G**, Divya. L and Balasubramanian. S. Effect of waste paper based industry effluents on the growth of tree seedlings. *Journal of Environmental Research and Development*, 7 (2A), 1117-1126, **(2012)**.

Conference/Seminars: Presentations/Abstracts/Posters:

1. Pooja Gurudas Naik, Uma Devi H. M, Sheeba. E, Muhamed Rashid T. P, **Jessen George**, K. Vinod Kumar, and P. Rajarajan **(2018)**. "Microbiological quality assessment of selected street vended chaats in and around Hebbal, Bangalore". 10-11th January 2018, *National Conference on Recent Trends in Food Technology-Processing, Preservation and Byproduct Utilization* at SAFI Institute of Advanced Study (SIAS), Vazhayoor, Malappuram, Kerala, India.
2. **Jessen George**, Muhamed Rashid T. P, K. Vinod Kumar, Sheeba. E, Rajarajan. P, Suriyanarayanan. S **(2017)**. "Status of wastewater treatment technology in developing countries based on microbial load reduction-A review." 21-23rd November 2017, *International Conference on Technology in Redefining Health (ICONTRH-2017)* at Mount Carmel College-Autonomous, Bangalore.
3. Sheeba. E, Swati Baliyan, Guru Prasad. V, Tejaswini M, K. Vinod Kumar, **Jessen George**, Rajarajan. P **(2017)**. "Assessing the efficacy of aqueous extracts of endemic and non-endemic medicinal plants against uropathogens". 21-23rd November 2017, *International Conference on Technology in Redefining Health (ICONTRH-2017)* at Mount Carmel College-Autonomous, Bangalore.
4. **Jessen George**, Suriyanarayanan S **(2017)**. "Assessment of removal efficiency based on microbial pathogens in Vidyananyapuram Sewage Treatment Plant (VSTP) In Mysore, Karnataka, India-A Case Study." 21-23rd November 2017, *International Conference on Technology in Redefining Health (ICONTRH-2017)* at Mount Carmel College-Autonomous, Bangalore.
5. Swati Baliyan, Guru Prasad. V, **Jessen George**, Tejaswini. M, Rajarajan Pethannan **(2017)**. "Assessment of heavy metal contamination in tubers sold in local markets of Bangalore, Karnataka, India". 27-28rd July-2017, *International Conference on Environment, Health and Policy Nexus (ICEHPN-2017)* at J. S. S University, Mysuru, India.
6. Tejaswini. M, Guru Prasad. V, **Jessen George**, Swati Baliyan, K. Vinod Kumar **(2017)**. "Assessment of heavy metal contamination in vegetables and green leafy vegetables sold in local markets of Bangalore, Karnataka, India". 27-28rd July-

- 2017, *International Conference on Environment, Health and Policy Nexus (ICEHPN-2017)* at J. S. S University, Mysuru, India.
7. Preeti Rathee, K. Vinod Kumar, **Jessen George**, Sheeba. E, Rajarajan Pethannan **(2017)**. "Environmental control strategies: Potential role of ciliates and protozoans bacterivores in controlling the bacterial pathogens in fresh water environment". 27-28rd July-2017, *International Conference on Environment, Health and Policy Nexus (ICEHPN-2017)* at J. S. S University, Mysuru, India.
 8. Ajisha. A, Siri Karthiyayani Nagaraja, Pethannan Rajarajan and **Jessen George (2017)**. "Assessment of microbial contamination in drinking water from end user point in Hennur Area Bangalore city, Karnataka, India". 27-28rd July-2017, *International Conference on Environment, Health and Policy Nexus (ICEHPN-2017)* at J. S. S University, Mysuru, India.
 9. Siri Karthiyayani Nagaraja, Ajisha. A, Pethannan Rajarajan and **Jessen George (2017)**. "Assessment of microbiological and physico-chemical characteristics of water samples in households of Hennur area of Bangalore city, Karnataka, India". 27-28rd July-2017, *International Conference on Environment, Health and Policy Nexus (ICEHPN-2017)* at J. S. S University, Mysuru, India.
 10. **Jessen George (2015)**. "Microbial risk assessment and its impact on risk management in urban water systems of Mysore, Karnataka", 27th November 2015, *Refresher Course on Water* Organized and sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Allahabad, in collaboration with Field Marshal Cariappa College, Madikeri, Kodagu District, Karnataka, India.
 11. **Jessen George** and Suriyanarayanan. S **(2015)**. "Drinking water treatment technology- challenges in developing countries", 23rd March 2015, *National Seminar on Water Resources, Development and Sustainable Management (NSWRDSM-15)*, Coimbatore, Tamil Nadu, India.
 12. Divya. L, **Jessen George** and Suriyanarayanan. S **(2015)**. "Effect of treated sewage effluent on seed germination-A case study from Mysore urban sewage treatment plants", 12th February 2015, *National Seminar on Integrated Waste Management and Energy Recovery (IWMER-15)*, Tiruchirappalli, Tamil Nadu, India.
 13. Midhun. G, Divya. L, **Jessen George**, Jayakumar. P and Suriyanarayanan. S **(2015)**. "Wastewater treatment studies on free water surface constructed wetland system", 12th February 2015, *National Seminar on Integrated Waste Management and Energy Recovery (IWMER-15)*, Tiruchirappalli, Tamil Nadu, India.
 14. **Jessen George**, Divya. L and Suriyanarayanan. S **(2014)**. "Evaluation of bacterial pathogens and its seasonal fluctuations in surface water of River Cauvery, near Mysore, Karnataka, South India", 26-28rd December 2014, *7th International Congress of Environmental Research (ICER-14)*, Bangalore, Karnataka, India.
 15. Divya. L, **Jessen. G** and Suriyanarayanan. S **(2011)**. "Heavy metal contamination of some common tubers sold in local markets of Ernakulam", 14-16th June 2011, *13th International Conference of the International Academy of Physical Sciences (CONIAPS-XIII)*, Dehradun, Uttarakhand, India.

Participation in Seminar/Symposia/Workshop:

- 1) Organized and participated as Resource Person in the one day workshop on "Application of Citation Managers-in day today Research" Organized the by Department of Microbiology in association with Mendeley on 6th November 2017.
- 2) Participated State level workshop "Chemposium" organized by Department of Chemistry, Indian Academy Degree College-Autonomous, Bangalore on 8th September 2017.
- 3) Participated workshop on "Basic Application of SPSS in Research" organized Indian Academy Degree College-Autonomous, Bangalore, on 23rd August 2017.
- 4) Participated in "SRUJANA-2017" Annual Faculty Development Programme during July-August 2017, Organized by Indian Academy Degree College-Autonomous, Bangalore.
- 5) Participated as delegate in "Philips Digital Healthcare conclave-2017" Organized by Philips Healthcare at Bangalore on 28th July 2017.
- 6) Participated in "Faculty Development Program on GST" Organized by IADC and Tally at Indian Academy Degree College-Autonomous, Bangalore, on 28th January 2017.
- 7) Participated "The Millennium Alliance-An Innovation Partnership for Global Development" by FICCI & USAID on 19th May 2016 at Nazarbada, Mysore.
- 8) Participated and made an oral presentation in Refresher Course on Water: "It's Fascinating Science and Diverse Implications in the Natural World" Organized and sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, The National Academy of Sciences, India, Allahabad, in collaboration with Field Marshal Cariappa College, Madikeri, Kodagu District, Karnataka, India, during 16-29, November 2015.
- 9) Participated and made a poster presentation in the National Seminar on Water Resources, Development and Sustainable Management (NSWRDSM-15), jointly organized by Dep. of Water and Health, J. S. S University and Dep. of Environmental Sciences, Bharathiar University on 23rd March 2015, Coimbatore, Tamil Nadu, India.
- 10) Participated National Seminar on "Integrated Waste Management and Energy Recovery" (IWMER-15), organized by the Department of Environmental Management, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India, held on 12th February 2015.
- 11) Participated and made an oral presentation in the 7th International Congress of Environmental Research (ICER-14), organized by R. V college of Engineering, Bangalore, Karnataka, India, in collaboration with Journal of Environmental Research and Development, Bhopal, India, from 26-28 December 2014.
- 12) Organized and participated workshop on "Geospatial Technology and Application-2014" Sponsored by Department of Science and Technology and J. S. S University, Mysore, Karnataka, India, during 4-24 August 2014.
- 13) Participated "Water and Sanitation 2013" training programme organized by CEWE (Centre of Excellence for Water and Environment) and Research Centre for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing, China, on 4th November to 15th November 2013.

- 14) Participated as a delegate in National Seminar on "Application of Science and Technology to promote Agricultural Growth and Value Addition" held on 2-3 December 2012 at J. S. S College, Ooty Road, Mysore, Karnataka, India.
- 15) Participated in the Prakriti 2012-A Festival of Indian Documentary Films on "Environment, Development and Human Rights" at the University of Mysore, Karnataka, India, conducted by the Consortium for Educational Communication (CEC)-An Inter-University Centre of the UGC, New Delhi, held during 3-5 October 2012.
- 16) Organized and participated workshop on "Geospatial Technology and Application" sponsored by Department of Science and Technology and J. S. S University, Mysore, Karnataka, India, during 6-27 August 2012.
- 17) Participated and presented the paper in 13th International Conference of the International Academy of Physical Sciences organized by University of Petroleum and Energy Studies, Dehradun, Uttarakhand, India during 14-16 June 2011.
- 18) Participated and awarded appreciation of the efforts in enhancing the oral health awareness of the community at Azeezia College of Dental Sciences & Research as part of brush twice-A-Day Program 2010.
- 19) Participated and conducted "Dental Check-up Program" at Azeezia College of Dental Sciences & Research as part of the Oral Health Month during September-October, 2010.
- 20) Participated and conducted "Dental Check-Up Program" at Azeezia College of Dental Sciences & Research, Kollam, Kerala, India, as part of the Oral health month during September-October 2009.
- 21) Participated in the BIOUPHORIA-2005, a symposium on "Recent trends in Bio-niche" on 6th April 2005.
- 22) Participated in the Bioinformatics Symposium on 9th May 2004, Organized by Edu-biotech at Indian Institute of Science, Bangalore, Karnataka, India.
- 23) Participated in the Human Chain Programme on the theme "Environmental Awareness" organized at Namakkal, Tamil Nadu, India, in the year 2002.
- 24) Participated in International Symposium on "Recent Advances in Biological Sciences" organized by Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India and K. S. R Educational Trust, Thiruchengode, Tamil Nadu, India, in the year 2001.
- 25) Participated "Microbiology Association Invisible-2K" organized by K. S. Rangasamy College of Arts and Science, Thiruchengode, Tamil Nadu, India, in the year 2000.

Personal Details:

Fathers Name	: Rev. George Daniel
Mothers Name	: Annamma George (Late)
Date of Birth	: 24-05-1982
Sex	: Male
Nationality	: Indian
Marital Status	: Married
Passport Details	: N 5577063
Languages Known	: English, Malayalam, Tamil, Hindi and Kannada

References:

1. Dr. S. Suriyanarayanan, M. Sc., M. Phil., Ph. D.,
Deputy Director - Research
Vinayaka Mission's Research Foundation (Deemed to be University)
Salem – 636308, Tamil Nadu, India
Mobile: +91-8220220032
Phone: + 91-427- 3987000
Fax: +91-427-2477903
Email: sunsjk@gmail.com
2. Dr. K. Karthikeyan, M.Sc., Ph.D.,
Senior Scientist & Laboratory Head
Environmental Laboratory Division
Gujarat Institute of Desert Ecology
P.B. No. 83, Opp. Changleshwar temple, Mundra Road
Bhuj, Dist: Kachchh, Gujarat - 370001, India.
Mob: +91-8141276926
Off: 02832-235025.
Email: karthikmicrobio@gmail.com
3. Prof. Dr. Min Yang, Ph. D
Director, State Key Lab of Environmental Aquatic Chemistry,
Research Centre for Eco-Environmental Sciences,
Chinese Academy of Sciences,
P. O. Box. 2871, Beijing-100085, China.
Phone: +86-13701319123
E mail: yangmin@rcees.ac.cn

DECLARATION:

I hereby declare that the information furnished above in this resume is true to the best of my knowledge and belief.

(JESSEN GEORGE)