



**FOOD SAFETY & QUALITY SOLUTIONS INC**

.....*Leave your food safety risk in our safe hands*



## **Venugopal K.J. M.Sc., Ph.D**

*Food Safety Expert & Supply Quality Consultant*

Owner & Managing Director, Food Safety & Quality Solutions Incorporated (**FSQS Inc.**) Ernakulam, Kerala, India-682036- [www.fsqs.in](http://www.fsqs.in), [www.foodsafe.in](http://www.foodsafe.in), [venu@foodsafe.in](mailto:venu@foodsafe.in), [+91-9847084531](tel:+91-9847084531)

Current	2013- Till date	Food Safety and Quality Solutions Incorporated.(FSQS Inc.) Owner & MD
Previous	1996-2013	AVT McCormick Ingredients Private Limited, Kerala, India <i>Head- Quality, R&amp;D and Agro-projects (2003-2013)</i> AVT Natural Products Limited, Kerala, India <i>Manager- Agro-projects, R&amp;D (2000-2003)</i> Indian Institute of Science, Bangalore, India <i>Research Associate (1999-2000)</i> Entomology Research Institute, Chennai, India <i>Scientist (1996-1999)</i>
Education		Banaras Hindu University, Varanasi, India <i>PhD- Zoology/Insect biochemistry &amp; Physiology (1991-1996)</i> National Council for Education, Research and Training, Bhubaneswar, India

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*M.Sc. Ed. - Life Sciences (1988-1991)*  
University of Kerala, India  
*B.Sc. - Zoology, Botany, Chemistry (1983-1986)*

## Summary

- An experienced Food Safety expert and Supply Chain Quality professional engaged in providing end-to-end consultancy services to food and agricultural sector
- Owner/ Partner & MD of the consulting firm, Food Safety & Quality Solutions Incorporated (FSQS Inc.) - [www.foodsafe.in](http://www.foodsafe.in), [www.fsqs.in](http://www.fsqs.in).
- Worked/working with more than 50 multinational and Indian food companies for improving/upgrading their supply chain quality management system.
- Has successfully completed more than 100 projects in the food and agriculture sector in Asia, Africa, Europe and USA.
- Presented papers as invited as speaker / chair sessions in international conferences in agricultural and food sector
  - -SLAEA@ Kandy Sri Lanka, IFT @ Chicago USA, DIFSC @ Dubai, ICFST @ Rome Italy, ISC@ Goa and Kovalam India, NRCSS @ Ajmer Inida.
- Worked/working with NGOs as a consultant in the area of Quality, Food safety, Sustainable agriculture, Integrated Pest Management Projects, Agricultural extension and regulatory compliance.
- Worked/working as Quality and Technical assessor for agricultural and food processing projects for World Bank, Asian Development Bank and Other MNCs to guide them in taking decisions on funding and acquisitions.
- Working as expert/ associate consultant for global consulting firms such as Earnest and Young, Grant Thornton, Alpha Sights in food and agricultural projects.
- Working as consultant for sustainable agriculture with the IDH, Holland.
- Working as advisor for World Spice Organization (WSO) and All India Spices Export Forum (AISEF) to assist them in their supply quality improvement projects
- More than 25 years of professional experience working in food industry, coupled with Life Science research and academia.
- Involved in teaching, cross functional training, technical and QA team building, education, research and quality management. Successful career as technical head leading high performance teams of Food Quality, Food Safety, Research & Development, Regulatory, and Agricultural/Backward Integration/Contract Farming.
- Has an advanced research and teaching background in Life sciences research and academia, and has published more than 12 technical/research papers in international journals and presented research papers in international science conferences.
- Authored technical papers and reviews related to nutraceutical products and supply chain quality management in reputed international food and nutrition journals.
- Worked with AVT McCormick, a JV of the world food major McCormick as Head of Quality and R&D for more than 10 years. Visited many customer plants and labs in the world and worked successfully on various supply chain quality and efficiency projects.

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- Had been involved in the McCormick Quality Assurance Managers Conference as a technical resource person and faculty from 2008-2012.
- Well-versed with Indian and global food regulatory standards and requirements such as FDA, FSSAI and EU, third party standards (AIBI, FSSC, GFSI, SQF, BRC, HACCP etc.) and customer standards such as M&S, TESCO, COSTCO, HEINZ, KRAFT, GENERAL MILLS and other food quality/ safety standards, certifications and audits. Well versed in IS standards -ISO 9000, ISO 22000, ISO 17025 etc.

### Experience

- Managing Director- Food Safety and Quality Solutions Incorporated (FSQS Inc.), Kerala, India-682036 July 2013 – Present
  - Worked/working as consultant for food and agriculture companies in India, South Asia, Middle East, Africa and Europe in areas of food safety, GMP, Hygiene, Sanitation, Laboratory design and management, pest control, QMS, Agricultural and backward integration projects, sustainable agriculture, training and operational quality management systems and improvement.
  - FSQS Inc. provides long-term process, quality, regulatory and food safety solutions to the global food supply chain by working closely with clients in the areas of food and agriculture sector through a model of contract-based and long term association. The company is a provider of end-to-end supply chain solutions and services to the ever changing quality and food safety demands of the clients. Our mission is to support and improve food and agriculture supply chain quality globally by sharing and transfer of technology, knowledge and expertise so that we eat better and safer food every day. Customized solutions for your process, quality, documentation, training, and supply and business development are provided after a systematic study and gap analysis.
- Head- Quality, Agro-projects, R&D- AVT McCormick Ingredients Private Limited August 2003 – July 2013 (10 years) Cochin Area, India
  - Headed the Quality and R&D department. Responsible for quality assurance, quality control, new product development and agricultural projects of the company.
  - Exemplary performance award-For leading all 3 labs to win McCormick labs of the year in consecutive years-2005&2006
- Manager- R&D and Agro-projects- AVT Natural Products Limited June 2000 – August 2003 (3 years 3 months)
  - Worked on backward integration projects of herbs and spices, vendor management, food safety and legality, agricultural/horticultural R&D projects, contract farming
- Research Associate- Indian Institute of Science, Bangalore, India May 1999 – June 2000 (1 year 2 months)
  - Worked as post-doctoral research associate on behavioural physiology and biochemistry in eusocial wasp, *Ropalidia marginata*
  - Awarded CSIR Post-Doctoral Research Associate ship
- Scientist- Entomology Research Institute, Chennai, India October 1996 – May 1999 (2 years 8 months)
  - Worked on chemical ecology, biochemical and molecular basis of resistance in the storage pest beetle, *Callasobruchus maculatus* towards active principles like amylase inhibitor, lectin in wild varieties of legumes. Also involved in teaching for graduate students in Basic Biotechnology

### Honours & Awards

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- Marquis Who's who in the world Listee 2000-In recognition of achievements in the field of scientific research and publication of original scientific research findings and reviews in reputed international journals.
- UGC Junior Research Fellowship-University Grants commission, 1990
- UGC Senior Research Fellowship-University Grants Commission, 1993
- CSIR Post-Doctoral Research Associateship
- Exemplary performance award-AVT McCormick, 2006-For leading all 3 labs to win McCormick labs of the year in consecutive years-2005&2006
- NCERT Master's Student Scholarship-National Council for Educational Research and Training, 1988

#### Languages

- English
- Hindi
- Malayalam
- Tamil

#### Skills & Expertise

- HACCP, Food Safety, R&D, ISO 22000, Quality System, Quality Assurance, Food quality, quality assurance, quality control, GMP, Food Quality control
- Agriculture, Food Processing, Biotechnology, Food Technology, Science, Molecular Biology, Research & Development, Biochemistry, Entomology, Chemical Ecology, Insect-plant interaction
- Quality Management, Quality Systems, Backward integration, Contract Farming, Laboratory system management
- Life Sciences, ISO 9000, Trend Analysis, GLP, Food Manufacturing, Product Development, Laboratory Quality Auditing, ISO, TQM, Regulatory Affairs,
- Agribusiness, Validation, ISO 17025, Quality Control, FMCG, Root Cause Analysis, Gel Electrophoresis, SDS-PAGE, Microscopy, Procurement, Supplier Quality, ELISA

#### Publications

- Controlling Pesticide and Other Residues in Herbs and Spices-Handbook on spices and herbs, Volume III, Wood head publishers, Cambridge, UK, 2006
- New herbal health ingredients and their functional applications: A review-Nutracos, Italy, 2006
- Vitellins and vitellogenins of *Dysdercus koenigii* (Heteroptera: Pyrrhocoridae)- Identification, purification and characterization. *Comp. Biochem. Physiol.Part B.* 124 (2):215-223, 1999
- Purification and characterisation of  $\alpha$ -amylase inhibitor from seeds of a wild pulse variety, *Lablab purpureus* that show resistance to *Callosobruchus maculatus* (Insecta: Bruchidae). *Indian J. Exp. Biol.* 37, 778-781, 1999
- Electrophoretic studies on developmental profiles of proteins in haemolymph, fat body and ovary of the red cotton bug, *Dysdercus koenigii* (Pyrrhocoridae-Heteroptera). *Entomon* 22(3&4): 167-173, 1998
- Hormonal regulation of vitellogenin synthesis and incorporation in *Dysdercus koenigii*. *Advances in Comparative Endocrinology*: 221-224, 1997
- Studies on fat body with respect to vitellogenesis of the red cotton stainer, *Dysdercus koenigii*. *Journal of Scientific Research.* 46(1): 15-22, 1996
- Studies on the salivary glands of an aquatic bug, *Lethocerus indicus* (Belostomatidae): Morphological, histological and preliminary electron microscopic investigations. *Insect Science and Applications.* 16(1): 51-61, 1995
- Developmental studies on proteins from haemolymph, fat body and ovary of a phytophagous bug, *Dysdercus koenigii* (Heteroptera: Pyrrhocoridae). *Biochemical Archives.* 10(4): 297-303, 1994
- Seed lectin from a wild variety of *Canavalia virosa* Wight & Arn.: Purification, characterisation and immunological identity with seed lectins of other legume species. *Indian J. Biochem. Biophys.* 1998
- Association of microbial flora with human body and their importance in diet. *Nutracos, Italy*, 2013

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- Assessment of detoxifying enzymes in *Callasobruchus maculatus*: Resistance against legumes. Malays. Appl. Biol. (1999) 28(1&2): 99-104, 1999
- Resistance of legume seeds to the bruchid, *Callosobruchus maculatus*: metabolites relationship. Indian J Exp Biol. 2000 May; 38(5):471-6., 2000
- Role of juvenile hormone in the synthesis and sequestration of vitellogenins in the red cotton stainer, *Dysdercus koenigii* (Heteroptera: Pyrrhocoridae). Comp Biochem Physiol C Toxicol Pharmacol. 2000 Sep; 127(2):153-63., September 2000

Birthday

May 31, 1966

Marital Status

Married

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