

Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University

Thrissur, Kerala, India

| Research

Current Kerala Agricultural University

Previous Kerala Agricultural University,
CIAE Bhopal

Education Katholieke Universiteit Leuven

Contact Info

Summary

Specialties: Food Engineering, Food Safety, Food Quality and Food Processing

Kerala Agricultural University

Experience

Professor

Kerala Agricultural University

February 2014 – Present (2 years 9 months)KCAET Tavanur

Project Coordinator of Centre of excellence in Post harvest Technology.

(Open)1 honor or award

Associate Professor

Kerala Agricultural University

November 2007 – February 2014 (6 years 4 months)

Teaching , Research and Extension

(Open)8 projects

Assistant Professor

Kerala Agricultural University

July 1999 – November 2007 (8 years 5 months)

Department of Post Harvest Technology & Agricultural Processing, KCAET, Kerala Agricultural University, Tavanur, INDIA- 679 573

Scientist

CIAE Bhopal

November 1998 – June 1999 (8 months)Nabi Bagh, Berasia Road, Bhopal – 462 038

Research

Honors & Awards

Norman E. Borlaug International Agricultural Science and Technology

United States Department of Agriculture

October 2006

For the research on “Food safety and Quality”

ERASMUS- MUNDUS

European Union- Lund University
August 2010

for the Postdoc programme in Food Technology at K.U. Leuven University, Belgium

VLIR-UDC Belgium Fellowship

Belgium Govt.
September 2009

for the programme on Food Safety, Quality Assurance and Risk Analysis at Ghent University, Belgium

Netherlands Fellowship Programme

The Netherlands
September 2007

For the training programme on “Food Industry and Agri business”, WICC, Wageningen University, The Netherlands

Krishi Vigyan Award

Government of Kerala
August 2016

Best Agricultural Scientist of the State

Publications

Post harvest Technology of Horticultural Crops

New India Publishing house, New Delhi

December 31, 2007

2 authors



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Indira Vayalakkara

professor at Kau

Isomerisation of carrot β -carotene in presence of oil during thermal and combined thermal/high pressure processing

Food Chemistry

June 1, 2013

3 authors



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



- **Griet Knockaert**
Chemical analyst at LOVAP



- **Marc Hendrickx**
Prof. at KULeuven

Carrot β -Carotene Degradation and Isomerization Kinetics during Thermal Processing in the Presence of Oil

J. Agriculture and food Chemistry

September 1, 2012

3 authors



- **Sudheer K.P**
Professor (Food Engineering) at Kerala Agricultural University



- **Griet Knockaert**
Chemical analyst at LOVAP



- **Marc Hendrickx**
Prof. at KULeuven

Lycopene degradation, isomerisation and in vitro bio-accessibility in high pressure homogenized tomato puree containing oil: Effect of additional thermal and high pressure processing

Food Chemistry

April 10, 2012

3 authors



- **Sudheer K.P**
Professor (Food Engineering) at Kerala Agricultural University



- **Griet Knockaert**
Chemical analyst at LOVAP







- **Marc Hendrickx**
Prof. at KULeuven

Development of GMP and HACCP Protocol for Pepper Industry

International Journal of Agriculture and Food Science Technology

October 2012

4 authors




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Sudheer K.P
Professor (Food Engineering) at Kerala Agricultural University
- 
Pritty S Babu
- 
Sarathjith MC
- 
Tina A

Optimization of blanching process for tender jackfruit (*Artocarpus heterophyllus* L.)

Indian Journal of Dairy & Biosciences

September 2012

3 authors

- 
Sudheer K.P
Professor (Food Engineering) at Kerala Agricultural University
- 
Pritty S Babu
- 
bindu j
Senior Scientist at Central Institute of Fisheries Technology



Projects

Centre of Excellence in Post harvest Technology

April 2013

Project Coordinator, Funded by State Planning Board, Kerala State.

4 team members

- 
Sudheer K.P
Professor (Food Engineering) at Kerala Agricultural University
- 
Prince MV, Sheela KB, Saji Gomez, Meera Manjusha



Sreeja.R



rajesh gk

assistant professor at kealal agricultural university

All India Coordinated Research project on Post Harvest Technology(Link)

August 2011

Funded by Indian Council of Agricultural Research

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Santhi Mary Mathew

Assessment of Post Harvest Losses of Major Agricultural Commodities

October 2012

Funded by Ministry of Food Processing Industries, Govt. of India.

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Santhi Mary Mathew

ICAR-FCI Study on determining storage losses in food grains in FCI and CWC warehouses

August 2013

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Santhi Mary Mathew

Development of Rotary Banana Slicer

April 2011

Project Coordinator, Kerala State Council for Science, Technology and Environment.

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Joy Augustine

Effect of High Pressure Processing Technology on Safety and Quality of Fruits and Vegetables

August 2010

Post Doctoral Research Project

4 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Griet Knockaert

Chemical analyst at LOVAP



Marc Hendrickx

Prof. at KULeuven



Ann V L

Hariyali Watershed Project

April 2007

Funded by Ministry of Rural Development, Government of India

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Sathian KK

Development of Modified Atmosphere Storage Technique for Fruits Using Controlled Ventilation System (Silicone Membrane Technology)

September 1996

PhD. Dissertation

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Pitam Chandra

Development of alternate material (Poly urethane rolls) for rubber rolls, used in modern rice milling industries

July 1994

M.Tech Dissertation

2 team members



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Viswanathan R

Agri Business Incubator

April 2013

Principal Investigator, Funded by State Planning Board, Kerala State

(Open) 6 team members, including:



Sudheer K.P

Professor (Food Engineering) at Kerala Agricultural University



Rajesh.G.K.



Sreeja.R



Prince MV

Vacuum frying of tropical fruits and vegetables

April 2015

Vacuum frying of Nendran banana and Jack fruit

2 team members



- **Sudheer K.P**
Professor (Food Engineering) at Kerala Agricultural University



- **rana salva**
Research Associate at Kerala Agricultural University

Languages

1. **English**
2. **Hindi**
3. **Malayalam**
4. **Tamil**