

## RESUME

1. Name : **Dr. A. Sangeetha, M. Sc., Ph. D.,**

2. Date of birth : 6.04.1979

3. Address:

**Residence:**

W/O P. Ramesh  
Plot No: 30, Chinthamani Nagar  
Near EB colony, Oliyur Road  
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**Office:**

PG Department of Nutrition and Dietetics  
Jamal Mohamed College(Autonomous)  
Trichy

4. Designation : Assistant Professor

5. Date of Entry in the Service:

Assistant Professor in Nutrition and Dietetics (SF) from 16.07.2012 at Jamal Mohamed College, Tiruchirappalli -620020, Tamilnadu

### ACADEMIC PROFILE

Degree	Year	University/organization	Course	Percentage
Ph. D	2003-2006	Tamil Nadu Agricultural University, Madurai	Food Science and Nutrition	95.80
M. Sc	1999-2001	Bharathidasan University (Cauvery college for women, Trichy)	Food service Management and Dietetics	82.66
B. Sc	1996-1999	Bharathidasan University (SRC, Trichy)	Nutrition and Dietetics	73.40

### Research Projects

#### Post graduation (1999-2001)

- Evaluation and acceptability of selected types of bread

#### Doctoral Programme (2003-2006)

- Identifying appropriate food combinations for improving iron bio-availability from selected green leafy vegetables
- Preparation of aloe based fruit squashes
- Hypoglycemic effect of protein and fiber enriched whole wheat bread

## **Awards and Medals**

- ❖ First class in B.Sc, M.Sc and Ph.D degree Programme
- ❖ First rank holder in Ph.D Programme (**Gold Medalist**)

## **Experience in food analysis**

- ∞ HPLC
- ∞ HPTLC
- ∞ GC
- ∞ GC-MS
- ∞ UV- Spectrophotometer
- ∞ Kjeldhal apparatus
- ∞ ICOPES
- ∞ Super Critical CO<sub>2</sub> Extraction

## **Teaching Experience**

One year – Bharath College of Science and Management (June 2006-June 2007)

## **Papers handled**

- ∞ Food microbiology and Sanitation - PG
- ∞ Food standards and Quality Control - UG
- ∞ Food Service Management and Dietetics – PG
- ∞ Food Preservation and Bakery – UG
- ∞ Bio-chemical changes during diseases
- ∞ Nutritional Bio-chemistry
- ∞ Nutrition and Food Science
- ∞ Processing and Preservation of fruits and vegetables
- ∞ Food technology
- ∞ Techniques in food analysis

## **Research Advisor**

Guiding M.Phil scholars (Food and Nutrition) studying in Mother Teresa University, Kodaikanal

## **Training Manual**

- ❖ Prepared training manual in “**Post Harvest processing of Fruits and Vegetables**” both in Tamil and English.
- ❖ Software developed in **Plan Your Diet** (CD and Manual prepared for distribution)

## **International Publication (Elseveir)**

Book Name : **Pulse Foods**

Book Chapter : Chapter7 Post Harvest Technology of Pulses ISBN : 978-0-12-382018-1

## International Conference

- ❖ Research Paper Presented in International Conference on Food Technology (INCOFTECH-2009) entitled on “ **Food based Approach to improve iron bio-availability from selected amaranth variety by *in vitro* study**” held on 28,29 and 30<sup>th</sup> August 2009 at Indian Institute of Crop Processing Technology, Thanjavur, Ministry of Food Processing Industries, GOI,
- ❖ Research Paper Presented in International Conference on Food Technology (INCOFTECH-2009) entitled on “ **Food based Approach to improve iron bio-availability from selected amaranth variety by *in vivo* study**” held on 28,29 and 30<sup>th</sup> August 2009 at Indian Institute of Crop Processing Technology, Thanjavur, Ministry of Food Processing Industries, GOI,

## International (Co-author)

- Published an abstract in “**Application of supercritical Co<sub>2</sub>Process in extraction of spices**” an International conference held on 4<sup>th</sup> and 5<sup>th</sup> January 2013 at Indian Institute of Crop Processing technology, Ministry of Food Processing, Government of India, Thanjavur, India.
- Published an abstract in “**Natural Colour Vs. Synthetic Colours**” an International conference held on 4<sup>th</sup> and 5<sup>th</sup> January 2013 at Indian Institute of Crop Processing technology, Ministry of Food Processing, Government of India, Thanjavur, India.

## National Conference (Co-author)

- Published an abstract in “**Spray dryer systems: In Modern Processing technology**” an International conference held on 4<sup>th</sup> and 5<sup>th</sup> January 2013 at Indian Institute of Crop Processing technology, Ministry of Food Processing, Government of India, Thanjavur, India.
- Published an abstract in “**Pros and Cons of Food Additives**” in National Conference on Futuristic Research In Nutrition and Dietetics(NCFRND) held on 12<sup>th</sup> October 2015, organized by PG and Research Department of Nutrition and Dietetics, sponsored by Jamal Mohamed College (Autonomous), Trichy.
- Published an abstract in “**Control your Whites** ” in National Conference on Futuristic Research In Nutrition and Dietetics(NCFRND) held on 12<sup>th</sup> October 2015, organized by PG and Research Department of Nutrition and Dietetics, sponsored by Jamal Mohamed College (Autonomous), Trichy.
- Published an abstract in “**Bioactive Constituents in Food**” in National Conference on Futuristic Research In Nutrition and Dietetics(NCFRND) held on 12<sup>th</sup> October 2015, organized by PG and Research Department of Nutrition and Dietetics, sponsored by Jamal Mohamed College (Autonomous), Trichy.

### Seminars and Workshops attended

S.No	Seminar/Workshop/Expo	Location	Date
1.	National seminar “ART IN EVERY DAY LIFE”	Seethalakhmi Ramaswami College, Trichy -2.	5 <sup>th</sup> December 2013
2.	“Emerging Vogue in Food habits and processing”	AIMAN College of Arts and Science for women, Trichy-21	21 <sup>st</sup> August 2015
3.	Futuristic Research In Nutrition and Dietetics	PG and Research Department of Nutrition and Dietetics, Jamal Mohamed College	12 <sup>th</sup> October 2015
4.	A one day inter-collegiate workshop on <b>E-Content Development for Teaching and Learning</b>	Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Trichy and JMC Alumni Association (Singapore Chapter)	22 <sup>nd</sup> December 2015.

### Publications

- Presented Oral review paper in the topic “**Nutritional Considerations in a Maize Value Chain**” in the national seminar on ““ART IN EVERY DAY LIFE” conducted by Seethalakhmi Ramaswami College, Trichy -2 on 5<sup>th</sup> December 2013

### Popular Article

- Two article published in Thinamani paper “Nalam tharum Naar sathukkal” “Sorrukatralayin Magathuvam”

### Resource Person

- ❖ Acted as Resource Person in Gender Sensitization Course organized by **Tamil Nadu Police** held from September 2001 to June 2002.
- ❖ Acted as resource person in **Young Students Scientist Programme** held on
- ❖ **Entrepreneurship Development Programme** organised by Bharath College of Science and Management , Thanjavur
- ❖ Acted as Resource person in Farmers Grievance Meeting held on 17<sup>th</sup> July 2010 at Thiruvannamalai District and delivered a lecture on **Banana and Coconut Processing**

- ❖ Acted as resource person in **State level workshop** on Entrepreneurial Botany organized by Department of Botany, Arulmigu palaniandavar arts college for women, PALANI, on 7<sup>th</sup> and 8<sup>th</sup> February 2011 and special lecture is given in topic “ **Value addition and Preservation of Fruits**”
- ❖ Acted as Resource Person in Orientation Program of Dept. of Fashion Technology at Jamal Mohamed College 28<sup>th</sup> July 2012 and delivered a lecture on **Adolescent Nutrition**.
- ❖ Acted as Resource Person in **Sengamala Thayaar Educational Trust Women’s College**, Mannargudi on 25<sup>th</sup> February 2013 and delivered lecture on “ **Fruit and Vegetable Processing**”.
- ❖ Acted as resource person in Seethalakshmi Ramaswamy College, Trichy and delivered a lecture regarding **Cereal and Millet Processing** held on 23<sup>rd</sup> December 2014.
- ❖ Acted as resource person in “**unavu padapaduthum thozhil patriya karutharagam**” organized by MSME, Nagapattinam, DIC, Nagapattinam and IICPT, Thanjavur held on 21<sup>st</sup> July 2010 and delivered lecture on “**Processing and Technology of Marine Foods**”

#### **External Audit**

- ❖ Acted in the External Audit of **NAAC-Mock peer group** in **Sengamala Thayaar Educational Trust Women’s College**, Mannargudi on 15<sup>th</sup> January 2015.

#### **Media Talk**

- ❖ Video talk and demonstration on “**Aloe vera Processing**” given in Makkal tholaikatchi on 3<sup>rd</sup> September 2010.
- ❖ Video talk given in Doordarshan regarding “**Medicinal properties of Aloe vera**” for pon Vilaiyum Bhoomi on 2<sup>nd</sup> February 2011.

#### **Content Writer**

Content writer for **ePGPathshala team** (Avinashilingam Deemed University for Women, Coimbatore)

**Subject** : Food and Nutrition

**Paper** : P-03. Food Preservation

#### **Membership (National)**

Life member –Nutrition Society of India, **NIN**, Hyderabad

Yearly member – **Association of food scientists and Technologists (AFST)**

#### **Membership (International )**

**AACC** – Association of Analytical and Cereal Chemistry