

## Department of Food Science and Nutrition

### Events organised

The Department of Food Science and Nutrition celebrates World Breast Feeding Week Celebration every year. World Breast Feeding Week 2019 was celebrated on the theme “Empower Parents Enable Breastfeeding” during 1- 7<sup>th</sup> August 2019. Dr. V. Booma, Head, Department of Pediatrics delivered a special lecture on ‘Breastfeeding – Need of the Hour’. Dr. B.R. Sasikumar, Nodal Officer, delivered a lecture on the topic ‘Newborn Care on Human Milk-Elixir of Life’. Dr. P. Senthil Kumar, Department of Neonatology delivered a lecture on ‘Feeding in Modern India’. Posters by students on the theme were exhibited to create awareness among students on 7<sup>th</sup> August 2019.



## National Nutrition Month (POSHAN MAA)

The Department of Food Science and Nutrition celebrates National Nutrition Month (POSHAN MAA) on the theme of every year. In the year 2020, National Nutrition month was celebrated on the theme “Identification and Tracking of SAM Children” and “Plantation Drive for Promotion of Kitchen Garden” through various activities organised joined with Nutrition Society of India, Coimbatore Chapter and Dr. Rajammal P. Devadas Chair during the month of September 2020. National Level eQuiz on Severe Acute Malnutrition with 392 participants across the nation, e-Poster Competition on Preventive measures on Severe Acute Malnutrition and e-Cookery Competition on Immune boosting beverages with extra departmental students of institute were conducted. Six webinars were also conducted and eminent nutritionist Dr. Prema Ramachandran, Director, Nutrition Foundation of India enlightened on Evolution of Food Security in National and Global Context.

**DEPARTMENT OF FOOD SCIENCE AND NUTRITION**

**National Nutrition Month Celebration**  
1<sup>st</sup> – 30<sup>th</sup> September 2020

**WEBINAR ON EVOLUTION OF FOOD SECURITY IN NATIONAL AND GLOBAL CONTEXT**

**SHORT PROFILE OF SPEAKER**

Fellow of the National Academy of Medical Sciences in 1985

Clinical and operational research in Nutrition and Health

Various membership under GOI

**Speaker**  
Dr. Prema Ramachandran  
Director  
Nutrition Foundation of India

**INFO TO PARTICIPANTS**

- e- Certificate will be provided to the participants for their participation after the submission of feedback form
- Webinar link will be given through registered mail

**Date & Time**  
22.09.2020, 4 to 5 P.M

**Link for Registration for webinar**  
<https://forms.gle/iPdyvN1HBJwTZ4A2A>

**PLATFORM**  
You tube  
Google Meet

## 18<sup>th</sup> Dr. Rajammal P. Devadas Oration

The Department of Food Science and Nutrition organized the 18<sup>th</sup> oration awarding ceremony of Dr. Rajammal P. Devadas presided by Dr. T.S.K. Meenakshisundaram, Managing Trustee, Sri Avinashilingam Education Trust Institutions on 28<sup>th</sup> January 2021. The award was instituted in the year 1999 on the 80<sup>th</sup> birthday of Dr. Rajammal P. Devadas. Since then, the award is given annually in the recognition of service to women welfare and empowerment. **Dr. Bhushan Patwardhan, Hon'ble Vice Chairman, University Grant Commission (UGC), New Delhi** was awarded for the year 2020 in the recognition of his service in women education and women health by Dr. T.S.K. Meenakshisundaram Managing Trustee Sri Avinashilingam Education Trust Institutions.



## National Conference



The Department of Food Science and Nutrition organized a two-day National Conference on **‘Challenges and Sustainable Approaches towards Food and Nutrition Security- a Global Perspective’**, on 7<sup>th</sup> and 8<sup>th</sup> December, 2018 in collaboration with Nutrition Society of India under the auspices of the NSI, Hyderabad and DST CURIE Phase I. A total of 555 student participants and 66 staff delegates summing up to the total number to 621 delegates participated in the conference. The conference enlightened the participants on the emerging trends and challenges in food and nutrition security, sustainable approaches to create awareness among the younger generation on food availability and accessibility and to exchange experiences and ideas so as to bridge knowledge and application and to tackle the nation-wide food and nutrition situation.

### **One day workshop**

DST-CURIE sponsored one day workshop on “Atomic Absorption Spectrophotometer in Elemental Analysis” was organized on 13<sup>th</sup> September 2019 by the Department of Food Science and Nutrition. Dr. Premavathy Vijayan, Vice chancellor and Dr. S. Kowsalya, Registrar inaugurated the workshop. Mr. Kannan, ECIL, Bharath Instruments Ltd., was the key speaker and totally 40 research scholars benefited from the workshop. Instrumentation of Atomic Absorption spectrophotometer, sample procedure, analytical and interpretation protocol for elemental analysis using Atomic Absorption Spectrophotometer were provided to the scholars.



**Department of Food Science and Nutrition**  
**Event organized by the Department**

<b>S. No</b>	<b>Event Organized</b>	<b>Title Of The Event</b>	<b>No. Of Inside &amp; Outside Participants</b>	<b>Source Of Funding Received</b>	<b>Start date/ Period of the Event</b>	<b>Name Of Chief Guest</b>
1.	Faculty Development Programme	5 Day National Level Online FDP	315	Online FDP-Remuneration provided to resource persons by the Institute as per UGC norms	July 6-10, 2020	Dr. Saraswathy Easwaran Ms. Ramya Sivaselvi Ms. Meenakshi Mr. Joseph Lawrence
2.	Workshop	Demonstration on Different Types of Icing and Cake Decorations	49	Non plan account of UGC	20.02.2017.	Mrs.R.Latha, Trainer/Entrepreneur Coimbatore
3.	workshop	Demonstration on Pastries, Puff and Bread varieties	65	- Non plan account of UGC	27.02.2017	Mr. K Shanmughan, Baker , King's Bakes in Dindugal
4.	Workshop	Health and Fitness for Adolescent Girls	65	Non plan account of UGC	7 -01-2020.	M.Anitha, Branch Manager, Pink Ladies Fitness Centre, M.Pathra ,Senior Physiotherapist, MS.Pooja prabhu , Physiotherapist , MS Soundarya , Dietitian, Pink fitness,Thudiyalur and

						MS.Bindhya , HPT Manager,Coimbatore zone Pink fitness.
5.	<b>Student Workshop</b>	<b>Biotechnology in Food &amp; Nutrition</b>	65 Inside students	<b>Department Workshop/Seminar Budget</b>	<b>11.04. 2017</b>	<b>Dr. S. Kowsalya, Registrar and Professor in FSN, DR. G. P. Jeyanthi, Director, Research and Consultancy Dr. Padma, Professor, Biochemistry, Biotechnology and Bioinformatics</b>
6.	<b>Workshop</b>	<b>Recent Trends in Fruit Processing Techniques</b>	<b>47 Inside Students</b>	<b>Department Workshop/Seminar Budget</b>	<b>17<sup>th</sup> &amp; 18<sup>th</sup> 2018</b>	Dr. Saraswathy Eswaran, Retired Professor, TNAU, Coimbatore
7.	<b>Workshop</b>	<b>Applications of Multimedia Presentation in Food Science and Nutrition</b>	65 Inside Students	<b>Department Workshop/Seminar Budget</b>	<b>12.03.2018</b>	Ms. Kavitha, Alumne, Avinashilingam Institute, Coimbatore
8.	<b>Student Contest</b>	<b>Maggi Creative Kitchen Contest</b>	125 Inside Students	<b>Sponsor from Nestle Company</b>	<b>19.03.2018</b>	Nil
9.	<b>National Conference</b>	<b>National Conference on Challenges and Sustainable</b>	350 participants	DST CURIE I and Nutrition Society of India	<b>7<sup>th</sup> &amp; 8<sup>th</sup> December 2018</b>	Chief guest Dr. Sasikeran, Former Director, Nutrition Society of India,

		<b>Approaches towards Food and Nutrition Security – A Global Perspective on</b>				Hyderabad,
<b>10.</b>	Departmental Guest Lecture	<i>Physiochemical Characterization of Foods</i>	150 Inside students	Department Workshop/Seminar budget	<b>23.08.2019</b>	Dr. S. Haripriya, Associate Professor, Department of Food Science and Technology, Pondicherry
<b>11.</b>	<b>Workshop on</b>	<b>Atomic Absorption Spectrophotometer on</b>	40students 7 Staff	DST CURIE Phase II	<b>13.09.2019</b>	Mr. Kannan ECIL – AAS Trainer Bharat Instruments Trichy
<b>12.</b>	World Breast Feeding Week 2019	<b>Theme</b> “Empower Parents, Enable Breastfeeding	250 Inside students	Department workshop /seminar budget	1 <sup>st</sup> – 7 <sup>th</sup> August 2019	Dr. V.Booma, Head, Department of Paediatrics, Dr.B.R.Sasikumar, Nodal Officer, Government Hospital, Coimbatore
<b>13.</b>	Departmental Guest lecture	Nutrigenetics and Beyond : Informing The Future	150 Inside students	Department workshop /seminar budget	04.01.2020	Dr. Vimar Karani, Associate Professor in Nutrigenetics & Nutrigenomics, University of Reading, Reading, UK
<b>14.</b>	International guest lecture	Measurement of Aflatoxin – Experiences in the fields’ of Malawi & Tanzania	125 Inside student	Department workshop /seminar budget	24 <sup>th</sup> January 2020	Dr. S. Anitha, Meritorious Alumnae of our institute as well as Senior Scientist of



						International Crops Research Institute for the Semi – And Tropics (ICRISAT), Malawi.
15.	Workshop	Digital Smart Apps in Food Science and Nutrition	58 Inside students	Department workshop /seminar budget	28th February 2020	Mr. Sabarinathan, Executive Manager and Mr. Veeramani, Senior Graphics Designer, Gateway Software Solutions, Gandhipuram
	Nutrition Month Celebration 2020 in collaboration with NSI, Coimbatore Chapter 1-30 <sup>th</sup> September 2020	E-Quiz on Severe Acute Malnutrition	150 outside students 225 Inside Students	-	1 <sup>st</sup> – 7 <sup>th</sup> September 2020	Nil
16.	Nutrition Month Celebration 2020 in collaboration with NSI, Coimbatore Chapter 1-30 <sup>th</sup> September 2020	Webinar Series Evolution of Food Security in National and Global Context	Out side 45 participants Inside – 220 participants	-	22.09.2020	Dr. Prema Ramachandran, Director, Nutrition Foundation of India, New Delhi
17.		<b>Nutritional Assessment for Identifying SAM Children</b>	Out side 45 participants Inside – 220 participants	-	<b>21.09.2020</b>	Ms. Sangna Raybardhan Direct Consultant, CSAM Programme,

						National Centre for Excellence for Management of SAM, New Delhi
18.		<b>Micro and Macro Greens: Key Nutriboosters</b>	Out side 45 participants Inside – 220 participants	-	<b>21.09.2020</b>	Mrs. Lakshmi Jithendran, Assistant Professor, Department of Home Science, Mourn Carmel College, Bangalore.
19.	International webinar	Nutrigenetics in Functional Foods and Personalised Nutrition	177 Inside	Google meet	31.05.2021	Prof. Vimal Karani S, Professor of Nutrigenetics and Nutrigenomics, Deputy Director of Institute of Food, Nutrition and Health (IFNH), University of Reading, United Kingdom
20.	Virtual tour	Evolutions Fitness Club	58 inside	Google meet	19.02.2021	Evolutions Fitness Centre, NSR Road, Coimbatore
21.	Workshop	Parametric Vs Non Parametric Test	58 Inside	NIL	30.01.2021	Mrs. Kalpana Economics, AIHSHEW
22.	Webinar	Food Biotechnology – Steps to Enhance Nutritional Quality of Foods	106 inside	Google meet	30.12.2020	<i>Single Cell Protein – Importance and Applications</i> Dr.S.Kowsalya Registrar Avinashilingam Institute for Home Science and Higher Education for

					<p>Women, Coimbatore <i>Genetic Engineering in Food and Agriculture</i> Dr.K.Ashok Kumar Associate Professor, Department of Biotechnology School of Life Sciences Vel's Institute of Science, Technology &amp; Advanced Studies, Chennai <i>Transgenic Plants – A Scientific Perspective</i> Dr.S.Suja (Alumni) Professor and Head, Department of Biochemistry Bharathiar University, Coimbatore <i>Plant Tissue Culture – Techniques and Food Applications</i> Dr.K.S.Tamil Selvi Assistant Professor, Department of Botany PSGR</p>
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						Krishnammal College for Women, Coimbatore
23.	World Breastfeeding Week Celebration 2020	<u>Theme:</u> Support Breastfeeding for a Healthier Planet	155 inside 35 outside	Google meet	07.08.2020	<u>Chief Guest –</u> Mrs. Deepti Anoop District Chairman IWD 320 <u>Speakers</u> <i>Breastfeeding – Awareness and Benefits</i> Dr.N.Usha, MBBS, DGO Chief Civil Surgeon Dept of Obstetrics & Gynaecology CMC Hospital, Coimbatore <i>Psychosocial Aspects of Breastfeeding</i> Dr.T. Sadagopan, MD Medical Superintendent CMC Hospital, Coimbatore
24.	International Webinar	Covid-19 & Food And Nutrition Security: Scenario In South And South East Asia	535 both inside and outside	Zoom meet	27 <sup>th</sup> June 2020 11 am	The COVID-19 Food and Nutritional Crisis: What Impacts are Expected and How to Protect? Dr Kumari M Rathnayake, Head/Senior Lecturer Department of Applied Nutrition,

						Wayamba University of Sri Lanka, Sri Lanka Household Food Security and its Impact on Nutritional Status of Children: An Experience in Indonesia during COVID-19 Pandemic Prof. Dr. SriSumarmi, Professor in Nutrition, Faculty of Public Health, Universitas Airlangga, Surabaya, Indonesia B12 and Cardiometabolic Diseases: A focus on COVID-19 and Nutrition Security Dr Vimal Karani, Assoc Professor in Nutrigenetics & Nutrigenomics, University of Reading, UK
<b>25.</b>	Quiz	Food Safety Day	58 inside	Google quiz	7 <sup>th</sup> June 2020	Food Safety, Everyone's Business
<b>26.</b>	Field visit	Salim Ali Centre for Ornithology and Natural History, Anaikatti	48 inside	NIL	5 <sup>th</sup> March 2020	Environmental Studies Paper

27.	Workshop	Yummy chocolate making	58 inside	NIL	1 <sup>st</sup> October 2019	Ms.C.Meenakshi Manager DnD Foods, Ramnagar, CBE
28.	Workshop	Statistics – A scientific approach	58 inside	NIL	17 <sup>th</sup> and 18 <sup>th</sup> September 2019	Dr.K.Kanjana, Retd Prof., Dept of CND Dr.G.P.Jeyanthi Dr.K.T.Geetha Dr.S.Gandhimat hi
29.	National Nutrition Month Celebration	National Nutrition Month Celebration	FSN	NIL	19 <sup>th</sup> September 2019	Mrs.D.Meenakshi District Programme Officer, ICDS, Collectorate, CBE
30.	World Breast Feeding Week Celebration – 2019	World Breast Feeding Week Celebration – 2019	1000 inside	NIL	6 <sup>th</sup> August 2019	Dr.V.Bhooma, HOD, Paediatrics Dr.BR.Sasikumar, Nodal Officer Dr.P.Senthilkumar, Neonatology CMC, Cbe
31.	Workshop	Stat is Tricks	75 inside	NIL	25 <sup>th</sup> & 26 <sup>th</sup> October 2018	Dr.Anil C Mathew, PSGIMS Dr.KT. Geetha Dr.S.Gandhimat hi Dr.GP.Jeyanthi
32.	Workshop	Sustainable strategies to strengthen to mental health	100 inside	NIL	4 <sup>th</sup> September 2018	Dr.NS.Rohini Dr.B.Selvaraj, GAC Ms.Malarmangai Dr.Gayathri Devi
33.	Special Lecture	Current trends and awareness on food adulteration	250 inside	NIL	14 <sup>th</sup> February 2018	Mr.R.Govindarajan Mr.A.Ramakrishnan Mr.M.Vengadesh Food Safety

						Officer
34.	Workshop	Delicious cakes for every occasion	65 inside	NIL	19 <sup>th</sup> January 2018	Mr.Mani Sri Karthika Rusks and Bakes Karur
35.	Special lecture	Genetic engineering in prokaryotes, molecular cloning and genetically modified food	70 inside	NIL	1 <sup>st</sup> November 2017	Dr.Vinayagamoorthi Asst. Prof. Dept of Human Genetics and Molecular Biology School of Life Sciences Bharathiar University Coimbatore
36.	World Breast Feeding Week Celebration 2016	Breast feeding – the best feeding for a baby Demystifying the myths about breast feeding Nutrition during pregnancy and lactation	96 inside	NIL	1 <sup>st</sup> August 2017	Dr.Karthick Annamalai, Neonatologist, GKNMH and Indian Academy of Pediatrics, Coimbatore Branch
37.	Workshop	Digital Marketing Strategy in Food Science and Nutrition and Fireless Pickle Demonstration	72 inside	-	3 <sup>rd</sup> March 2017 and 10 <sup>th</sup> March 2017	Ms. Mahalakshmi, & Maruthi Foods, Coimbatore
38.	XXXV National Nutrition Week	Life Cycle Approach for Better Nutrition	<b>225 Inside students</b>	-	30 <sup>th</sup> August to 6 <sup>th</sup> September 2016	Dr. Kannan Pugazhendi, Sports Nutritionist, Chennai
39.	International Webinar	Food Safety and Naturally	500	-	21 <sup>st</sup> July 2020	Dr.S.Anitha, senior Scientist-

		Occuring Toxicants				Nutrition,Strategic Management and Communication, International Crop research Institute for the Semi -Arid Tropics,Malawai -Southeast Africa
40.	Webinar	“Food Biotechnology – steps to enhance nutritional quality of foods”	90	-	30.12.2020	1.Dr.S.Kowsalya Registrar and Professor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore 2.Dr.K.Ashok Kumar, Associate Professor, Department of Biotechnology, School of Life Sciences, Vels Institute of Science, Technology and Advanced Studies, Chennai 3.Dr.S. Suja, Professor and Head, Dept. of Biochemistry, Bharathiar University, Coimbatore 4.Dr.K.S.TamilSelvi, Assistant Professor, Dept. of Botany, PSGR Krishnammal



						College for Women, Coimbatore
41.	International Conference	Advances in Nutrition and Health Communication (ANHC2017)	Inside- 144 Outside- 122	ICMR and NSI	03-04 August 2017	<ol style="list-style-type: none"> <li>1. Dr.Vasanthamuthuswamy, ICMR</li> <li>2. Dr.Susanna Lehtinen Jacks, University of Tampere, Finland</li> <li>3. Dr.GM Subbarao, NIN, Hyderabad</li> <li>4. Dr.Vimal Karani, University of Reading, UK</li> <li>5. Dr.Dinesh Sharma, New Delhi</li> <li>6. Dr.Kiran Prasad, SPMVV, Tirupati</li> <li>7. Dr.P.E.Thomas, Bharathiar University</li> </ol>

						y, Coimbatore 8. Dr.Shobana Bai MKU, Madurai
42.	Special Lecture	Food – Drug interactions and their management with enteral or parenteral feeding	Inside- 75	Nil	15.4.2015	Dr.RadhaManian , Clinical Pharmacist, Phoenix, Arizona, USA
43.	Special Lecture	a) Malnutrition Updates b) Challenges in Weight Management	Inside- 108	Nil	13.7.2015	Ms. RaginiRaghuveer, Regional Clinical Operational Manager, South –East , Sodexo, USA
44.	Special Lecture	Preventing Obesity and Diabetes-Global Epidemic	Inside- 165	Nil	25.1.2016	Dr.MuthuPeriasamy, Professor, Cardiovascular Metabolism Program, Centre for Metabolic Origin of Disease, Sanford Burnham Prebys Medical Discovery Institute, Florida, USA
45.	Special Lecture	Medical Nutrition Therapy in Cardio Vascular	Inside- 93	Nil	24.10.2016	Dr.Shanthi, Assistant Professor International Medical

		Diseases				University, KL, Malaysia
46.	Special Lecture	<p>a) Introduction to Nutrigenetics and insights to Nutrigenetics Research in Developing Countries</p> <p>b) Interactive Session on Translating Nutrigenetic Research into Dietary Practice</p>	Inside- 75	Nil	<p>12.01.2017</p> <p>12.01.2017</p>	<p>Dr.Vimal S Karani Assistant Professor University of Reading ,UK</p> <p>Mrs.JananiTamilv aanan Founder &amp;CEO, Geneobe Wellness, Coimbatore</p>
47.	Special Lecture	Video talk – Obesity and Vitamin D deficiency- From a Genetic Perspective	Inside- 310	Nil	25.3.2017	Dr.Vimal S Karani Assistant Professor in Nutrigenetics and Nutrigenomics University of Reading ,UK
48.	Guest lecture	Mendelian Randomization in Nutritional Epidemiology	Inside- 163	Nil	03.04.2018	Dr.Vimal S Karani Assistant Professor in Nutrigenetics and

		– A Focus on Milk Intake and Vitamin D’				Nutrigenomics University of Reading ,UK
49.	Special Lecture	Foods for Stress Management	Inside- 77	Nil	20.07.2018	Dr.Pushpa Bharti Professor Department of Food Science and Nutrition College of Rural Home Science University of Agricultural Science Dharwad – 580005 Karnataka
50.	International workshop	“Critical Appraisal Skills for Nutrition Research”	Inside- 56	Nil	21.01.2019	DrVimal Karani, Associate Professor in Nutrigenetics and Nutrigenomics University of Reading ,UK
51.	Special Lecture	Nutrigenetics and Beyond: Informing the Future	Inside- 102	Nil	04.1.2020	DrVimal Karani, Associate Professor in Nutrigenetics and Nutrigenomics University of Reading ,UK
52.	Two day Workshop	Assessment and Management of Undernutrition in Under five Children	Inside- 25	Nil	17-18 February 2020	Ms. Sangna Raybardhan Consultant - CSAM National Centre of Excellence for SAM

						Management Kalawati Saran Children's Hospital - UNICEF New Delhi
<b>53</b>	International Web Conference	International Web Conference on Food Technology and Nutrition Prospects for Health	221 participants	Nutrition Society of India and National Agricultural Bank for Rural Development (NABARD)	28 <sup>th</sup> and 29 <sup>th</sup> January 2021	Chief guest Dr. Bhushan Patwardhan Vice Chairman University Grants Commission New Delhi