

**Name: Dr. J. GRACIA**

**Designation:** UG Head & Assistant Professor

**Department:** Food Science & Nutrition

**Email:** gracia@americancollege.edu.in

**Contact no.:** 9488764164



**Educational Qualification:**

Degree	Subject	College / University & Place	Year
Ph. D.	Food Science and Nutrition (Regular)	Periyar University, Salem	11.12.2015
B.Ed	Home Science	Muslim College of Education Thiruvithancode Kanyakumari District TNTEU, Chennai	2018
M.Phil	Food Science and Nutrition (Regular)	Periyar University, Salem	2010
M.Sc	Nutrition and Dietetics (Regular)	Muslim Arts College, Thiruvithancode Kanyakumari District. Manonmaniam Sundaranar University, Tirunelveli	2009
B.Sc.	Nutrition and Dietetics (Regular)	Muslim Arts College, Thiruvithancode Kanyakumari District. Manonmaniam Sundaranar University, Tirunelveli	2007

**Administrative /Academic Experience:**

Job Title	Placement	Duration
Lecturer (Full Time)	Sardar Rajas College of Nursing, Kavalkinaru, Thirunelveli.	07.02.2011 to 30.09.2011
Lecturer (External)	Sardar Rajas College of Nursing, Kavalkinaru, Thirunelveli.	01.10. 11 to 30.04.2012
Assistant Professor (Full Time)	Department of Nutrition and Dietetics, Muslim Arts College, Thiruvithancode.	07.07.2015 to 30.07.2019
Assistant Professor (Full Time)	Department of Food Science and Nutrition, The American College, Madurai	17.06.2019 to 05.06.2024
Coordinator	Department of Food Processing and Preservation, B.Voc/ M.Voc Degree Programme, The American College, Madurai	18.07.2021 to Till date
UG Head	Department of Food Science and Nutrition, The American College, Madurai	06.06.2024 to Till date

### **Research Exposure:**

- Research Assistant in ICMR Major Research Project entitle Effect of a Green Vegetable (*Hibiscus Sabdariffa calyces*) on Mildly Hypertensive Adults from 1<sup>st</sup> April 2012 to 30<sup>th</sup> March 2013 (1 year)

### **Award Details:**

- **Young Scientist Award** 1063 2<sup>nd</sup> International Research Award on Science, Health and Engineering, Chennai, India on 18.04.2020
- **Young Scientist Award** GPP2024090015 GURU PRATHIBHA PURASKAR 2024, SIDVI Society for Research and Development, India on 01.09.2024

### **Research Papers/ Articles Published:**

- Optimization of Sun-Dried *Moringa olifera* Flower Powder Incorporated Chappathi using Response Surface Methodology, Nazni P, Gracia J International Journal of Current Science: Vol.9, 050-057, ISSN: 0975-833X, October 2010
- Optimization of Oven-Dried *Moringa olifera* Flower Powder Incorporated Chappathi using Response Surface Methodology,P. Nazni, J. Gracia, International Journal of Food and Nutritional Sciences (IJFANS) Vol.2, Iss.3, 66-73 ISSN: 2320-7876, September 2013
- Optimization of Fiber Rich Barnyard Millet Bran Cookies Using Response Surface Methodology, Nazni. P, Gracia. J, International Journal of Agricultural and Food Science, Universal Research Publications, 4(3), 100-105. ISSN: 2249-8516, September 2014
- Application of Response Surface Methodology in the development of Barnyard Millet Bran incorporated Bread, Nazni. P, Gracia. J, International Journal of Innovative Research in Science, Engineering and Technology, Volume 3, Issue 9, 16041-16048.ISSN: 2319-8753, September 2014
- Brain Development and Memory Power Improvement in Adolescent by using Kalmi Dates (*phoenix dactylifera* L), Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, Journal of Teacher Learner and Society, Volume 14, Number 3, 173-179. ISSN: 2348-8409, May 2018
- Formulation of Idly for the Prevention of Osteoporosis using *Cissus quadrangularis* Linn, Adelin A and Dr. J. Gracia, Journal of Teacher Learner and Society, Volume 14, Number 3, 186-191. ISSN: 2348-8409, May 2018
- Enhancement Of Snacky Food Using Jackfruit (*Artocarpus heterophyllus*) For School Children, Mrs. G. R. Geedhu Krishna and Dr. J. Gracia, Journal of Teacher Learner and Society, Volume 14, Number 3, 192-198. ISSN: 2348-8409, May 2018

- *Raphanus sativus* L and its protective effect, M. Deepika and Dr. J. Gracia, Journal of Teacher Learner and Society, Volume 19, Number 2, 386-391. ISSN: 2348-8409, March 2019
- Formulation of Pulka using citrus Limon peel, J. Gracia, B. Sindhu, International Journal of Scientific Research in Science and Technology, ISSN: 2395-602X. Vol.8, Issue 3, Pg 498-502. May-June 2021
- Value addition of Carmel Toffee using powdered Psidium guajava leaf for its marvelous health effect, Gracia J, Kavya E, Lakshmi Priya K, International journal of recent scientific research, ISSN: 0976-3031, Vol 12, Issue 06(D) pp42118-421120 June 2021
- Nutrient Analysis of Ipomoea Batatas Flour and Sensory Property of the Formulated Product, Dr J.Gracia D. Anitha, M. Jayalakshmi, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 2, pB810-813, ISSN: 2349-5162, February 2022
- Formulation of Healthy cucurbita maxima seed incorporated milkshake, H. Jerlin, B. Keerthika, Dr J.Gracia, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, p250-255, ISSN: 2395-602X, February 2022
- Nutrient Analysis Of *Coconut Nucifera Jaggery* And Sensory Properties Of The Formulated Product, Dr. J. Gracia and R. Gyana Jyothi, International Journal of Scientific Development and Research (IJS DR) | Volume 8 Issue 10, p652-655, ISSN: 2455-2631, October 2023

#### **Publication in Proceedings:**

- Optimization of *Allium cepa* Flower Fortified Savory Snack using Response Surface Methodology, Gracia J and Nazni P, **3<sup>rd</sup> Incoftech-2013 International Conference on Food Technology “Food Processing Technologies – Challenges and Solutions for sustainable Food Security”**, conducted at Indian Institute of Crop Processing Technology, Thanjavur, India ISBN: 978-81-926250-3 04.01.2013 and 05.01.2013
- Anti-nutrient in Fresh and Dried Carrots, Dr. J. Gracia and Mr. H. Jerlin, **Proceedings of National Seminar on Fruition of Nutri-Hospitality NH-16** (A right way for the right destination) IBN 978-93-8577-10-7, 13.04.2016
- Sardine Fish Cutlet as a Healthy Functional Food, Hazeena A, Rajimol R, Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **National level Seminar on Nutritional Management in Metabolic Syndrome** organized by Department of Nutrition and Dietetics with Computer Application, Sri S Ramasamy Naidu Memorial College, Sattur ISBN: 978-81-933316-2-0, 08.02.2017
- Sardine Fish Biriyani – The Good Source of Anti-oxidant, Mariyam Mahuthiyathul Husna M, Hazeena A, Rajimol R and Dr. J. Gracia, **National level Seminar on Nutritional Management in Metabolic Syndrome** organized by Department of

Nutrition and Dietetics with Computer Application, Sri S Ramasamy Naidu Memorial College, Sattur ISBN: 978-81-933316-2-0, 08.02.2017

- Formulation of product using unripe *Artocarpus heterophyllus* for its effect on reducing blood glucose, B. Regu Kumar, Mrs. G. R. Geedhu Krishna, Dr. J. Gracia, **International Seminar** on Cancer: Diet, life style links and newer management, Holy Cross Home Science College, Thoothukudi, 8.2.2019
- Formulation of *Raphanus sativus* L product for its precious health benefits, M. Deepika, Ms. C. Angelin Monica, Dr. J. Gracia, **National Womens “Food, Science and Technology” Conference**, Choose to Challenge organized by Indian Institute of Food Processing Technology, Thanjavur on International Womens Day IIFPT/IWD-2021/013, 08.03.2021
- Formulation of product using Balloon vine plant, R. Rajya Priya, J. Gracia, **International Conference** on Precision Nutrition and Health: Foresight Future of Disease Prediction and Prevention organized by The Research Centre of Home Science & PG Department of Zoology, Fatima College, Madurai, 11.12.2022
- Formulation and Standardization of Cassia auriculata – Date Seed Coffee Powder as a Nutri-Rich Coffee alternative, Santhosh Kumar, Nagakowselya, Dr. J. Gracia. **International Conference** on Emerging Trends in Nutrition and Food Technology, NUTRI FOODTECH – 2K24, PG and Research Department of Nutrition and Dietetics, Muslim Arts College, Thiruvithancode, 16.07.2024

### **M.Phil Guided**

- Nutrient content and Formulation of Recipes using Fresh and Powdered *Cissus quadrangularis*, Adelin A, April 2018
- Enhancement of Nutrients by adding *Artocarpus heterophyllus* and its Effect on Blood Sugar Level, G. R. Geedhu Krishna, April 2018
- Prevention of Health Problems in Adolescent Girls using Kalmi Dates *Phoenix dactylifera* L, Mariyam Mahuthiyathul Husna M, April 2018
- Formulation of *Stolephorus Indicus*-Based Recipes For its Precious Benefits, S. Irfin Fathima, April 2019

### **M.Sc Guided**

- Formulation of Sardine Fish Incorporated Products for the Enhancement of Nutrients and the Health Benefits, Hazeena A, Mariyam Mahuthiyathul Husna M, Rajimol R, October 2016
- Formulation Of *Raphanus Sativus* Based Recipes for Its Precious Health Benefits, M. Deepika, April 2019
- Formulation Of Value-Added Products Using *Cocos Nucifera*, T. Suja, April 2019

- Enrichment Of Nutrients In Food Products By Using *Luffa Acutangula* R. K. Jeshika, April 2019
- Physiochemical properties and its marvelous Health effects of *Momordica charantia* and *mormodica charantia*, J. Marteen, April 2020
- Enhancement of nutrient content in food by the value addition of *solanum trilobatum* based product, S. S. Mohan Raj, April 2020
- Enhancement of nutrient content in food by the value addition of *Citrus limon* based product, B. Sindhu, April 2021
- Development of product using *Sesbania grandiflora* for its marvelous impact on health, G. Oviya, April 2021
- Formulation of recipes by incorporating *Cassia auriculata* for the enhancement of nutrients, S. Sahana, April 2021
- Formulation of breakfast recipes using *Citrullus lanatus* rind flour and its effects in reducing blood glucose level, K. Adline Stephy, April 2022
- Melioration of nutrient content in breakfast meal by the value addition of *costus igneus* and its anti-diabetic activity, A. Dhivyaprabha, April 2022
- Enhancement of nutrient content in food by the value addition of *mentha piperita* based product, G. Shoron Persis, April 2022
- Formulation of healthy snack recipe done using *acalypha indica* to treat several disorders, A. Yazhini Kirthika, April 2022
- Formulation of products using *punica granatum* peel flour and its effect in reducing blood glucose level, D. Jency Jebarani, April 2022
- Assessment of physiochemical properties, preparation of *cocos nucifera* jaggery and formulation of recipes for its health effects, R. Gyana Jyothi, April 2023
- Physiochemical properties of *aegle marmelos* and formulation of recipes for its health effects, C. Ramya Sri, April 2023
- Formulation of healthy snack recipe for done using *Caesalpinia bonducella* to treat several disorders, R. Nila, April 2023
- Evaluation of medicinal and culinary uses of *nigella sativa* seed incorporated in value products, Kadar Haniya April 2023
- Value addition of *elaecarpus ganitrus* in products for its health effects, Jasper Jain Sweety, April 2023
- Nutriblend delights: Innovating healthier treats with black rice and flaxseed flour A Novel product development approach for wellness, B. Bhuvaneshwari, April 2024
- Antibacterial Activity of *Aegle marmelos* (seed, leaves, fruit) extract and formulation of wound healing lotion, Veeramanikandan, April 2024
- Development of nutrient rich products using *cissus quadrangularis* for its marvelous benefits, L. Subameena and S. Sandhiya Devi, April 2024

- Investigating value addition strategies to enhance the nutritional profile and appeal of carica papaya for preschoolers, S.Sabreen Jamilah. April 2024
- Jamun seed savor innovating healthier treats with Jamun seed powder for Jamun pulp powder, Ponsakthi.N. April 2024
- Formulation of healthy snack recipe using Ipomoea batatas Lam for preschool children, A. Farhana, April 2024

### **M.Voc Guided**

- Formulation of Ice cream using Flax see, Bhuvaneshwari. M, April 2022
- Rice bran protein – Extraction, Nutraceutical properties, Comparitive study of the rice bran protein concentration with albumin on glutan free bread, J. Jeyaprakash April 2022
- Chandru, April 2023
- Development Of Millet Based Flakes with the incorporation of Almond Gum and Pumpkin seed, S. Anjana, April 2023
- Formulation and evaluation of products from moringa powder, Kannan. V, April 2024
- Formulation of cup-cake and spicy murukku by adding erythrina ariegata, Anand. M, April 2024
- Formulation of healthy magical masala adding acalypha indica, ballon vine, mint, papaya leaf in curry masala, Neela Shree. A, April 2024
- Formulation of soup cubes using green leafy vegetables, Satheshkumar. S, April 2024
- Formulation of seed-based colostrum from its benefits, Agalya. P, April 2024

### **B.Sc Guided**

- Survey on awareness of cancer among urban peoples, Aman Arshitha S, Fendic Shano, Reju Kumar B, April 2019
- Drying and formulation of recipes using *Erythrina variegata*, Balaji, April 2020
- Formulation and physio-chemical analysis of *Ipomea batatas* based products, D. Anitha, M. Jayalakshmi, April 2021
- Value addition of *Abutilon indicum* for its medicinal effect, R. Chandru, A. Mustaq Ali, April 2021
- Formulation of *Vitex negundo* based products for its nutritional benefits, M. Anna Lakshmi, S. Jasper Jane Sweety, April 2021
- Enhancement of nutrient content in food by the addition of *Psidium guajava* based products, E. Kavya, K. Lakshmi Priya. April 2021
- Value addition of echinochloa esculenta for its medical effect, S. Sabreen Jamilah, R. Mounika, April 2022

- Enhancement of nutrition content in food by the addition of *Mangifera* leaves for its medical effect, K. Veeramanikandan and S. Jainullabtheen, April 2022
- Formulation of recipes using *Luffa accutangula* for its medicinal properties, K. Aruna Devi, P. Sakthi Kumar, April 2022
- Enhancement of nutrient content in food by the addition of wheatgrass, B. Keerthika, G. Gayathri, April 2022
- Value addition of *moringa oleifera* leaf and flower flour for its medicinal effect, V.Kaviya and M.Thilaga Pushpa Nandhini, April 2023
- Formulation of recipes using *piper betle* for its medicinal properties, R. Rajyapriya and Jessica Marsha, April 2023
- Formulation of recipes using Bermuda grass for its medicinal properties, K. Nigamit Juit and G. Vigneshwari, April 2023
- Formulation of recipes using roasted *oryza sativa* l flour for its effect in reduced blood glucose level, Vasantha Jothi. S, M. Swetha, April 2024
- Formulation of recipes using *Chenopodium quinoa* for its health effects, Shri Dharshini. M, April 2024
- Effectiveness of *echinocloa furmentacea* and formulation of recipes for its anti diabetic activity, Dharshini. B, April 2024
- Formulation of recipes using *coccinia grandis* powder and its effect in reducing blood glucose level, Jayashree. M, Micah. J, April 2024

### **Programme Organized**

- 2<sup>nd</sup> Continuing Medical **Nutrition Education Programme** entitled “Halt the Rise, Beat Diabetes” in the occasion of World Health Day 2016, Muslim Arts College, Thiruvithancode on 11.4.2016.
- **Online Awareness Quiz** entitled “Immune Boosting Diet” on a Covid-19 Awareness initiative organized by Department of Food Science and Nutrition, The American College, Madurai on May 2020
- **Exhibition** on Nutria-Expo 2021 organized by the Department of Food Processing and Preservation, The American College, Madurai, 28.9.2021
- **Expo on Millet based recipes** (100+ Millet Recipes) organized by the Department of Food Processing and Preservation, The American College, Madurai, 18.10.2023

### **Special Programme**

- Understanding Child Development Aspects, Stages, Milestones, Characteristics, Domains of Child Development, What are the activities and Tasks that Childrens between 0-3 years and 4-6 years like to do, Integrated Child Development Scheme Organizing “Early Child Care and Education Training Programme” at Killiyoor, Kanyakumari District, 07.06.2016 at 2.00 pm to 5.00 pm

- Understanding Child Development Aspects, Stages, Milestones, Characteristics, Domains of Child Development, What are the activities and Tasks that Childrens between 0-3 years and 4-6 years like to do, Integrated Child Development Scheme Organizing “Early Child Care and Education Training Programme” at Nagercoil, Kanyakumari District, 13.06.2016 at 2.00pm to 5.00 pm
- Understanding Child Development Aspects, Stages, Milestones, Characteristics, Domains of Child Development, What are the activities and Tasks that Childrens between 0-3 years and 4-6 years like to do, Integrated Child Development Scheme Organizing “Early Child Care and Education Training Programme” at Peyankuzhi, Kanyakumari District, 15.06.2016 at 10.00am to 1.00 pm
- Understanding Child Development Aspects, Stages, Milestones, Characteristics, Domains of Child Development, What are the activities and Tasks that Childrens between 0-3 years and 4-6 years like to do, Integrated Child Development Scheme Organizing “Early Child Care and Education Training Programme” at Munchirai, Kanyakumari District, 29.06.2016 at 10.30am to 1.00 pm
- Understanding Child Development Aspects, Stages, Milestones, Characteristics, Domains of Child Development, What are the activities and Tasks that Childrens between 0-3 years and 4-6 years like to do, Integrated Child Development Scheme Organizing “Early Child Care and Education Training Programme” at Melpuram, Kanyakumari District, 30.06.2016 at 10.00am to 12.00 pm
- Resource Person in District Level National Nutrition Week Celebration 2016, Sri Iyyappa College, Chankankadai organized by Integrated Child Development Scheme, Kanyakumari District, 02.09.2016
- Resource Person in District Level National Nutrition Week Celebration 2016, Nanjil Catholic College of Arts and Science, Kaliyakkavilai organized by Integrated Child Development Scheme, Kanyakumari District, 06.09.2016
- Resource Person for the Food Fest Competition for B.Ed Student Teachers, R.P.A College of Education, Mamoottukadai, Viricode, Kanyakumari District, 16.10.2018
- Guest Lecture on the Subject Nutrition and Food Science, Department of Nutrition and Dietetics, Oriental Catering College, Madurai, 21.10.2019
- Guest Lecture on Food Pattern, Science Forum, Panchayat Union Middle School, Thumpanaayakampatti, Kallupatti, 02.09.2022
- Guest Lecture on Dietary Guidelines for Newly Married Couples. Integrated Child Development Center, R R Nagar under Unit 1, Sanai Nagar, 04.08.2023
- Special Lecture on Youth and Health, International Youth Day Celebration, Department of Commerce, Satellite Campus, Chatrapatti, Madurai, 11.08.2023
- Resource person in International Seminar on Personalized Nutrition in an Innovative World, Holy Cross Home Science College, Toothukudi, 22.09.2023

- Guest Lecture on Nutrition for 0-5 years Infants, Child Development Project Scheme, Collector Office, Madurai, 08.02.2024

### **Reviewer**

- 4<sup>th</sup> National Conference on Current and Emerging Process Technologies, Department of Food Technology, Kongu Engineering College, Perundurai, Erode on 20.2.2021

### **Board of Studies**

- M.Sc Nutrition and Dietetics, Subject Expert, Sadak Athullahappa College, Thirunelveli, 29.9.2021
- B.Sc Food Science and Nutrition, Subject Expert for constructive feedback of the syllabus, Holy Cross Home Science College, Thoothukudi, 05.02.2022
- M.Sc Dietetics and Food Management, Subject Expert for constructive feedback of the syllabus, Holy Cross Home Science College, Thoothukudi, 05.02.2022
- M.Sc Nutrition and Dietetics, Sadak Athullahappa College, Thirunelveli, 17.05.2023
- M.Sc Nutrition and Dietetics, Sadak Athullahappa College, Thirunelveli, 10.08.2024

### **External Examiner**

- Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli
- Department of Food Science and Nutrition, Periyar University, Salem
- B.Voc Food Processing and Safety, Jamal Mohamed College, Tiruchirappalli
- Department of Home Science, Thassim Beevi Abdul Kader College for Women, Kilakarai
- Department of Home Science, V.V.Vanniaperumal College for Women, Virudhunagar
- Department of Nutrition and Dietetics, Sarah Tucker College, Tirunelveli
- Department of Home Science, Meenakshi College for Women, Madurai
- Department of Home Science, Fathima College, Madurai
- Department of Nutrition and Dietetics, The Standard Fireworks Rajaratham College for Women, Sivakasi
- Department of Nutrition and Dietetics, Nehru Memorial College, Puthanampatti

### **Training Experience**

- Dietitian Training, Kovai Medical Centre and Hospital Limited, Coimbatore, 20.02.2007 to 06.03.2007
- Dietitian Training, Apollo Specialty Hospital, Madurai, 20.11.2008 to 19.12.2008
- Fruit and Vegetables Preservation and Nutrition, Ministry of Women and Child Development Food and Nutrition Board, Government of India, Community Food and

Nutrition Extension Unit, Chennai at Periyar University, Salem, 04.02.2013 to 08.02.2013

- Short Term Course: Carbohydrate in Food, Professor and Director of Rice Innovation Center of Excellence, Department of Food Science and Technology, Faculty of AGRO-Industry, Kasetsart University, Bangkok, Thailand Organized by Department of Food Science and Nutrition, Periyar University, Salem, 21.07.2014 to 25.07.2014
- Entrepreneurship Skill Development Online Course: Ornamental Fishes – Production, Trade and Technology Transfer, Department of Zoology, Kongunadu Arts and Science College, Coimbatore ESDOCOP0021, 03.08.2020 to 09.08.2020
- National Intellectual Property Awareness Mission, Intellectual Property Office, India, 13.01.2022
- National Intellectual Property Awareness Mission, Intellectual Property Office, India, 21.01.2022
- Online Training Programme on Processing and value addition of minor Forest Produce, Department of Primary processing, storage and handling, National Institute of Food Technology, Entrepreneurship and Management (NIFTEM) – Thanjavur, 25.1.2022
- Online Short-Term Course: Entrepreneurship Development in Food Processing, Department of Technology Dissemination, National Institute of Food Technology Entrepreneurship and Management, Thanjavur, 27.1.2022 and 28.1.2022
- Mentor in the Young Student Scientist Programme, Tamilnadu State Council for Science and Technology and The American College, Madurai, 20.5.2022 to 03.6.2022
- National Intellectual Property Awareness Mission, IP Awareness/Training program by Intellectual Property Office, India, 12.07.2022
- National Intellectual Property Awareness Mission, IP Awareness/Training program by Intellectual Property Office, India, 02.11.2022
- National Intellectual Property Awareness Mission. IP Awareness/Training program by Intellectual Property Office, India, 11.11.2022
- Food Safety Supervisor AMACOVID2031710560 Training on the course Advance Manufacturing & COVID held at The American College Madurai Department of Food Science and Nutrition Madurai Tamil Nadu Conducted by Department of Food Science and Nutrition, Periyar University, Salem, Tamilnadu, 28.01.2023
- SAS Micro HACCP Internal Auditor Training Course Your Food Safety Partner at Department of Food Science and Nutrition, The American College, Madurai, 02.12.2024 to 04.12.2024
- Skill Development Training Programme on Sprouting Entrepreneurship in Marine Products, EDIF – Marine Products Business Incubation Forum, TamilNadu Dr. J. Jayalalitha Fisheries University, Fisheries College and Research Institute, Thoothukudi, TamilNadu, 11.12.2024 and 12.12.2024

### **Faculty Development Programme:**

- Two Days **Faculty Development Program** on Teaching Techniques conducted by ICT Academy at Holy Cross Home Science College, Thoothukudi on 25.4.2018 and 26.4.2018
- **Entrepreneurship skill development online course** on Ornamental fishes production, trade and technology transfer organized by Department of Zoology (Diploma in ornamental fish production and trade) Kongunadu Arts and Science College, Coimbatore on 3.8.2020 to 9.8.2020
- **Online International FDP** Entitled **Frontiers of Physics in Bio-medical Applications** organized by St. Josephs College of Engineering, Chennai on 19.10.2020 to 21.10.2020
- **5 days Online International Professional Development Programme** on Scholarly Publishing: Swirls Unfurled organized by The Delany Library, Patrian College of Arts and Science, Chennai QAIJQK-CE000137 on 14.05.2021 to 18.05.2021
- **Two-week Virtual Multidisciplinary Short Term Training Programme** on Research Methodology and Data Analysis organized by Internal Quality Assurance Cell (IQAC), Annamalai University on 19.1.2022 to 4.2.22
- **One day online training programme** on processing and value addition of minor forest produce organized by the Department of primary processing, storage and handling, National Institute of Food Technology, Entrepreneurship and Management, Thanjavur on 25.1.22
- **Online Short Course on Entrepreneurship** Development in Food Processing organized by Department of Technology Dissemination, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Thanjavur on 27.1.2022 to 28.1.2022
- **One Week Faculty Development Programme** on Current Trends in Information Technology organized by School of Computational Science and Canny – Consortium of Colleges, Nehru Arts and Science College, Coimbatore on 2.2.2022 to 9.2.2022
- **National level Faculty Development Programme** on Problem Solving and Ideation as 21<sup>st</sup> Century Skills organized by Institutions Innovation Council, MIT Art, Design and Technology University, Pune on 10.2.2022
- **One Day National Online Faculty Development Programme** on Essential Soft Skills for Impactful Professional Career organized by Department of English, Indian Institute of Management and Commerce, IQAC on 11.02.2022
- **Five Days International FDP** on Yoga and Meditation for Human Excellence organized by Department of Master of Business Administration, Sree Vidyanikethan Institute of Management, Tirupati on 14.02.2022 to 18.02.2022
- **Journal writing** on Effective Introduction in Journal Writing organized by IQAC in collaboration with London Business University, Singapore on 18.02.2022

- **National Level Faculty Development Program** on analysis of union budget 2022-23 organized by department of economics, universal school of administration Bengaluru on 28.02.2022
- **5 Days online FDP** on Artificial Intelligence for Edge Computing at KLS Gogte Institute of Technology, Belgavi on 07.03.2023
- **Two Days National Online Faculty Development Programme** on Plagiarism in Academic Research and Author Identifiers organized by Department of Librery and Information Science, Indian Institute of Management and Commerce on 11.04.2022 and 12.04.2022
- **Journal writing clarity and style in Refereed Journals organized by the Internal Quality Assurance Cell (IQAC) in collaboration with London Business University, Singapore** on 20.5.2022
- **Journal Writing** on Plagiarism Tool for Enhancing Efficiency of Research organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women collaboration with London Business University. Singapore on 08.07.2022
- **Journal Writing** on Statistical Tools for Journal Publication organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women collaboration with London Business University. Singapore on 22.07.2022
- **Journal Writing** on Step to Write a Research Article organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women collaboration with London Business University. Singapore on 06.08.2022
- **One week FDP** on Advanced Methodology for Research and Quality Publication organized by IQAC, New Prince Shri Bhavani Arts and Science College, Chennai on 10.10.2022 to 15.10.2022
- **Journal Writing** on How to Publish in UGC CARE List Journals organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women in collaboration with London Business University. Singapore on 02.09.2022
- **Faculty Orientation Programme** by IQAC, The American College, Madurai on 20.09.2022
- **5-Day Online International FDP** on "Current Trends in Information Technology" conducted by MEASI Institute of Information Technology on 26.09.2022 to 30.09.2022
- **One Day National Online Faculty Development Programme** on “Impressive Social Etiquette (Manners Matters)” held by the Department of English, Indian Institute of Management and Commerce on 04.11.2022
- **Journal Writing** on Enhance your Effective Research writing through the latest Programming Tools organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women collaboration with London Business University. Singapore on 25.11.2022

- **5-Day International Online FDP Series on Trending Technologies"** conducted by MEASI Institute of Information Technology on November 2022
- **Journal Writing** on Research Ethics organized by IQAC in Shri Shankarlal Sundarbai Shasun Jain College for Women collaboration with London Business University. Singapore on 02.12.2022
- **Three days International Faculty Development Programme** on Disruptive Technologies for Next Gen Computing organized by the Department of Electronics and Communication Engineering, Sri Krishna College of Technology, Coimbatore on 14.12.2022 to 16.12.2022
- **Five Days National Level Virtual Faculty Development Programme** entitled "Achieving Excellence in Higher Education & Research" conducted by A.C.T. Academy, Tamil Nadu & Academic and Research Conglomerate (AARC) on 26.12.2022 to 30.12.2022
- **FDP series** on Journal writing on Statistical tools application in research organized by the internal quality assurance (IQAC) in collaboration with London Business University, Singapore on 20.01.2023
- **Journal writing** on Research Article Writing & Publications in SCOPUS Indexed Journals organized by the Internal Quality Assurance Cell (IQAC) in collaboration with London Business University, Singapore on 17.02.2023
- **Seven Days National Level Faculty Development Program** on Inclusive procedures and processes for NAAC association with academic and accreditation Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate and Academic & Research Activity Group, Tamil Nadu, India on 24.4.2023 to 30.4.2023
- **Seven Days National Level Faculty Development Program** on Industrial Revolution: Role of Higher Education in Developing the Future Workforce Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate and Academic & Research Activity Group, Tamil Nadu, India on 22.5.2023 to 29.5.2023
- **One-week National Level Faculty Development Programme** on NAAC Assessment and Accreditation Framework Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate, Tamil Nadu, India on 19.6.2023 to 26.6.2023
- **One-week National Level Faculty Development Programme** on Advanced Research Methodology Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate, Tamil Nadu, India on 24.7.2023 to 30.7.2023
- **One-week National Level Faculty Development Programme** on Pedagogical Innovations and Strategies in Higher Education Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate, Tamil Nadu, India on 31.7.2023 to 7.8.2023

- **2 Days Skill Development Program** cum Research Workshop on Research Writing and Anti-Plagiarism Tools conducted by A.C.T. Academy, Tamil Nadu on 30.08.2023 and 31.08.2023
- **One-week National Level Faculty Development Programme** on NAAC Assessment and Accreditation: Procedures and Processes Conducted by A.C.T. Academy, Tamil Nadu in Association with Academic & Research Conglomerate, Tamil Nadu, India on 11.09.2023 to 17.09.2023
- **International Seminar** on Personalized Nutrition in an Innovation World organized by the Department of Food Science and Nutrition, Holycross Home Science College, Thoothukudi on 22.09.2023
- **One day National Level Faculty Improvement Programme** on Improving Metacognitive Skills for Teachers in HEIs conducted by ACT Academy, TamilNadu Dr. R. Jeyanthi, Associate Professor, School of Education, VELS Institute of Science, Technology & Advanced Studies (VISTAS), Chennai under MSWE, TamilNadu, India on 05.10.2023
- **Five Days National Level Virtual Faculty Development Programme** on “Emerging Trends in Therapeutic Nutrition organized by PG Department of Nutrition, Bishop Heber College, Tiruchirapalli on 24.2.2024 to 29.2.2024

#### **Workshop Participated**

- **National Workshop** on Fluorescent Microscopy Department of Zoology, Periyar University, Salem on 10.10.2013
- **National Workshop** on Green Initiatives in Energy and Environment (GIEE-2014) Department of Environmental Science, Periyar University, Salem on 11.9.2014
- **National Workshop** on Microbes to Commercial Products Department of Microbiology, Periyar University, Salem on 02.9.2014
- **National level Workshop** on Application of SPSS Software, Research and Development Committee, Holy Cross Home Science College, Thoothukudi on 14.7.2018
- **National Level Workshop Cum Training** on Food Processing and Preservation, Department of Nutrition and Dietetics, Sadakathullah Appa College, Tirunelveli, Tamilnadu on 19.9.2019
- **Online Workshop** on An overview of Covid – 19 vaccines organized by Crescent Innovation and Incubation Council and Aca Di Cell Innovations International Pvt Ltd on 12.6.2021
- **2 Days Online Workshop** On Scanning Electron Microscopy: Technique and its Applications organized by North East Centre for Biological Sciences and Healthcare Engineering, Indian Institute of Technology Guwahati, Assam in collaboration with Eeiss India, Department of Biotechnology Government of India Azadi Ka Amrit Mahotsav on 29.7.2021 and 30.7.2021

- One day **Online Workshop** on An overview of Covid-19 vaccines organized by Crescent Innovation and Incubation Council & Aca Di Cell Innovations International Pvt Ltd on 12.7.2021
- **International Workshop** on Exploring statistics using R and SPSS organized by Seva Academy, Chidambaram in association with Lions Club of Chidambaram Excellence, Tamilnadu, India on 20.8.2021 to 22.8.2021
- **Online Workshop** on “Bloom’s Taxonomy based Question Paper Design for Outcome-Based Education in Visual Communication” Organized by Department of Visual Communication in association with the Internal Quality Assurance Cell (IQAC) and Outcome Based Education Monitoring Council on 27.09.2021 under UGC Paramarsh Scheme. Ayya Nadar Janaki Ammal College, Sivakasi on 27.9.2021
- **Workshop** on Role of Nutrition in Building Immunity in Age Group 2-14 years conducted by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Sanmantrana on 17.1.2022
- **Workshop** on Imagination and Expression through color and form conducted by Shri Vaishnav Institute of Fine Arts, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Sanmantrana on 18.1.2022
- **Workshop** on Imagination through Color and Form conducted by Shri Vaishnav Institute of Fine Arts, Shri Vaishnav Vidyapeeth Vishwavidyalaya SANMANTRANA 2022 Sponsered by St. Cloud State University, USA on 17.1.2022 to 19.1.2022
- **Online international workshop** on emerging trends and new opportunities in High pressure processing organized by Department of Agricultural Engineering, College of Agriculture, Vellanikkera, Kerala Agricultural university directorate of extension central training institute, mannuthy, Thrissur, kerala on 21.02.2022 to 22.02.2022
- **A Virtual One day Workshop** on Effective Drafting and Filing of Patents organized by IQAC and Centre for Intellectual Property Rights, Annamalai University on 11.11.2022
- **Online Workshop** on Introduction to basic Statistical Tools for Research organized by IQAC and NEPER, Nazareth College of Education, Chennai on 11.11.2022
- **Online Workshop** on introduction to basic statistical tools for research organised by iqac & neper, nazareth college of education for women. Avadi, Chennai on 11.12.2022
- **Two day’s Workshop** on Strategies for writing the literature review conducted by A.C.T Academy, Tamil Nadu on 27.2023 & 28.1.2023
- **Workshop** on Art and Science of Methodical Scientific Writing and Publishing in a High Impact Journal organized by IQAC and office of the Dean Research, The American College, Madurai on 06.03.2023
- **Two days e-workshop** on Participative, experiential and collaborative learning methods in higher education conducted by A.C.T Academy, Tamil Nadu in association with internal quality assurance cell. Arasu college of arts and science for women, karur on 6.3.2023 & 7.3.2023

- **2 day's Workshop** on Research writing and anti-plagiarism tools conducted by A.C.T Academy, Tamil Nadu on 30.8.2023 & 31.8.2023
- **Two Days National Level Online Skill – Workshop** on Chat GPT And Other AI Tools For Effective Writing Organized by A.C.T. Academy, Kerala Unit & Tamilnadu on 14.08.2024 & 15.08.2024
- **One day National Level Faculty Workshop** on Patent Filling Procedure in India, Dr. Kavita Tanuk, Joint Controller Patents & Designs, New Delhi organized by A.C.T Kerala Unit on 17.08.2024
- **One day National Level Faculty Workshop** on Funded Research Projects and Proposals Writing, Dr. S. Renold Elsen, Professor, Department of Design and Automation, School of Mechanical Engineering, Vellore Institute of Technology, Chennai organized by A.C.T Academy TamilNadu Unit on 07.09.2024
- **International Workshop** Series on AIDE – Artificial Intelligence conducted by the ASIA PACIFIC UNIVERSITY UNESCO Chair, Malaysia organized by The American College and CSI Jeyaraj Annapackiam College of Nursing & Allied Sciences, Madurai on 23.11.2024 to 26.11.2024

### **Paper Presented**

- Formulation and Physio-chemical Analysis of Kodomillet Based Paniyaram, J. Gracia and Dr. P. Nazni, **National Conference** on Emerging Trends and Opportunity in Food Processing Sector, M.O.P Vaishnav College for Women, Chennai on 29.1.2010 and 30.1.2010 (Poster)
- Development and Quality Evaluation of Kodomillet Based Fermented, J. Gracia and P. Nazni, **National Seminar** on Food and Nutritional Challenges and Prospects in Human Health, Department of Food Science, Periyar University, Salem on 24.2.2010 and 25.2.2010 (Poster)
- Optimization of *Moringa oleifera* Flower Powder Incorporated Chappathi using Response Surface Methodology, Dr. P. Nazni and J. Gracia, **International Conference** on Food Technology, Thanjavur on 30.10.2010 and 31.10.2020 (Poster)
- Magic of *Moringa oleifera*, P. Nazni and J. Gracia, **National Conference** on Emerging Trends in Biotechnological Approaches for Infectious Disease Management”, “BAID-2010” Department of Biotechnology, Periyar University, Salem on 29.11.2010 (Poster)
- Process Optimization for Formulation of Chappathi using Response Surface Methodology, J. Gracia and P. Nazni, **National Conference** on Biotechnology, Bioinformatics and Bioengineering, Hotel Adiyamaan Palace, Dharmapuri on 17.12.2010 and 18.12.2010 (Oral)
- Optimization of Shade Dried *Moringa olifera* Flower Incorporated Chappathi using Response Surface Methodology, J. Gracia and P. Nazni, **International Conference** on Food and Nutraceuticals for Nutrition and Health: Technology and Delivery (ICFAN-

2011), Department of Food Science, Periyar University, Salem on 20.1.2011 to 22.1.2011 (Poster)

- Application of Response Surface Methodology in the optimization of dehydrated drumstick flower for the preparation of Chappathi, J. Gracia and P. Nazni **International Symposium** on Functional foods and Health (ISFAH-2011), Department of Food Science, Periyar University, Salem on 19.11.2011 (Poster)
- Optimization of *Moringa olifera* Flower Incorporated chappathi J. Gracia and Dr. P. Nazni, **National Conference** on Recent Trends in Food Processing and Health Scenario in India, NUTRIPRO '12', Department of Nutrition and Dietetics, Muslim Arts College, Thiruvithancode on 27.1.2012 (Poster) **1<sup>st</sup> prize**
- Nanomaterials and its application in Food, J. Gracia and P. Nazni, **National Conference** on Advanced Nanomaterials, Centre for Nanoscience and Nanotechnology, Periyar University, Salem on 6.2.2012 and 7.2.2012 (Poster)
- Drumstick Flower Chappathi, J. Gracia and P. Nazni, **National Conference** on Tamilnadu Science Federation conducting the 12<sup>th</sup> Conference, Periyar University, Salem and Suthasy Science Association, Karaikudy on 23.8.2012 to 25.8.2012 (Oral)
- Food Encapsulation, J. Gracia and Dr. P. Nazni, **International Conference** on Food Technology for Health Promotion ICFTHP-2012, IIFANS at Auditorium, SSS-1, Jawaharlal Nehru University, New Delhi, India on 27.12.2012 and 28.12.2012 (Poster)
- Optimization of *Allium cepa* Flower Fortified Savory Snack using Response Surface Methodology, Gracia J and Nazni P, 3<sup>rd</sup> Incoftech-2013 **International Conference** on Food Technology "Food Processing Technologies – Challenges and Solutions for sustainable Food Security, conducted at Indian Institute of Crop Processing Technology, Thanjavur, India. ISBN: 978-81-926250-3 on 4.1.2013 and 5.1.2013 (Poster)
- **National Conference** on Food Health Benefits and Encapsulation of Cumin seed, J. Gracia and Dr. P. Nazni, Processing and Technology for Health Progression – NCFPTH-2013, Department of Food Science, Periyar University, Salem on 9.1.2013 and 10.1.2013 (Poster)
- Application of Nanotechnology in the Food Industry, J. Gracia and Dr. P. Nazni, **National Conference** on Implications and Intervention of Phytomedicine in Disease Management – IIPDM-2013, Department of Biochemistry, Periyar University, Salem on 18.2.2013 and 19.2.2013 (Poster)
- Formulation and Quality Evaluation of Papaya Pulp Added Probiotic Yogurt, Dr. P. Nazni and J. Gracia, **National Seminar** on Current trends in Bionanotechnology – CTBBN-2013, Department of Biotechnology and Botany, Periyar University, Salem on 11.3.2013 (Poster)
- Optimization of *Allium Cepa* Flower Fortified Habitual Food Using Response Surface Methodology, J. Gracia and P. Nazni, **International Conference** on Technological Advances in Super Foods for Health Care – ICTASH-2013, International Institute of

Food and Nutritional Science IIFANS, New Delhi and Bharathidasan Government college for women, Puducherry on 3.5.2013 and 4.5.2013 (Poster)

- Barnyard Millet – Poor man’s Cereal, P. Nazni and J. Gracia, **International Conference** on Food Technology: Impact on Nutrition and Health (ICFIN – 2013), International Institute of Food and Nutritional Science IIFANS, New Delhi on 23.12.2013 and 24.12.2013 (Poster)
- Anti-Nutritional Analysis of Processed Bran, J. Gracia and P. Nazni, **International Conference** on Updated Food Technology: A Challenge towards Public Health Nutrition, International Institute of Food and Nutritional Science IIFANS, New Delhi on 7.5.2014 and 8.5.2014 (Poster)
- Comparative Study of Bran Incorporated Foods on Glycemic Indices, J. Gracia and P. Nazni, **International Conference** on Physiology and Medicine – 2014, Department of Zoology, Periyar University, Salem on 15.10.2014 to 17.10.2014 (Poster)
- Anti-Nutrient in Fresh and Dried Carrots, Dr. J. Gracia and Mr. H. Jerlin, **National Seminar** on Fruition of Nutri-Hospitality NH-16, Department of Hotel Management and catering science and Nutrition and Dietetics, Udaya college of arts and science, Vellamodi ISBN 978-93-8577-10-7 on 13.4.2016 (Oral)
- Barnyard Millet bran and its Utilization in Food Formulation, Dr. J. Gracia and Dr. P. Nazni, **National Seminar** on Miracle Grain Millets for Healthy Living (NSMGM-2016), Department of Nutrition, White Memorial College of Nursing, Attoor. on 19.4.2016 (Poster) **I<sup>st</sup> Prize**
- Nutritious Sardine Fish Cutlet, Mariyam Mahuthiyathul Husna M, Hazeena A, Rajimol R and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam, on 07.10.2016 (Oral) **II<sup>st</sup> Prize**
- Formulation of Sandwich using Sardine Fish, Rajimol R, Mariyam Mahuthiyathul Husna M, Hazeena A and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Oral)
- Nutrition during Stress, Fazeela N R, Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Oral)
- The Goodness of Sardine Fish, Hazeena A, Rajimol R, Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Poster)
- Beat Stress by Food, Shifana M and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Poster)

- Be Heart Healthy, Munira Begum M and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Poster)
- Nutrition and Healthy Eating for Kids, Adlin Stephy K and Dr. J. Gracia, **National Seminar** on Healthy Hospitality Ordinem (H<sub>2</sub>O) at Immanuel Arasar College of Hotel Management and Aviation, Edavilagam, Marthandam on 07.10.2016 (Poster)
- Sardine Fish Cutlet as a Healthy Functional Food, Hazeena A, Rajimol R, Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **National Seminar** on Nutritional Management in Metabolic Syndrome, Department of Nutrition and Dietetics with Computer Application, Sri S Ramasamy Naidu Memorial College, Sattur, 8.2.2017 (Oral)
- Sardine Fish Biriyani – The Good Source of Anti-oxidant, Mariyam Mahuthiyathul Husna M, Hazeena A, Rajimol R and Dr. J. Gracia, **National Seminar** on Nutritional Management in Metabolic Syndrome, Department of Nutrition and Dietetics with Computer Application, Sri S Ramasamy Naidu Memorial College, Sattur, 8.2.2017 (Oral)
- Prevention of Anaemia and Pubertal Problems in Adolescent by Kelmi Dates, Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Development, Quality evaluation and Sensory acceptability of multi-millet fortified with carrot, soya and beetroot powder, Swarnalatha R and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Mudakkathan Leaves (*Cardiospermumhalicababum*) For Arthritis and Nutrition Education Among SHG (Self Help Group) Women, Aariba M. S and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Prevention of Osteoporosis and Rickets Using *Cissus Quadrangularis Linn*, Adelin A and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Enhancement Of Snacky Food (Cutlet) Jackfruit (*Arthocarpus Heterophyllus*) For School Children, G. R. Geedhu Krishna and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Development Of Learning Skill In Adolescent (13-18 Years) Girls By Consuming Kalmi Dates (*Phoenix Dactylifera L.*), Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **Eight National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)

- Development And Supplimentation of Green Soup Powder for School Going Children (9 -11 Years), Caroline and Dr. J. Gracia, Eight **National Conference** of Teacher Educators, Kanniyakumari Academy of Arts and Sciences (KAAS) and R.P.A College of Education, Mamootukadai, 20.4.2018 (Oral)
- Brain Development and memory powder Improvement in Adolescent by using Kalmi Dates, Mariyam, Mahuthiyathul Husna M and Dr. J. Gracia, **International Conference** on Dream Innovative and Be Reflective, Journal of Teacher Learner and society TeLeS vol-14, No.3, ISSN: 2348-8409,on 3.5.2018 and 4.5.2018 (Oral)
- Enhancement of snacky food Jackfruit for school children, Geedhu Krishna G. R and Dr. J. Gracia**International Conference** on Dream Innovative and Be Reflective, Journal of Teacher Learner and society on 3.5.2018 and 4.5.2018 (Oral)
- Formulation of idly for the prevention of osteoporosis using *Cissus Quadrangulis* Linn, A. Adelin and Dr. J. Gracia, **International Conference** on Dream Innovative and Be Reflective, Journal of Teacher Learner and society on 3.5.2018 and 4.5.2018 (Oral)
- Enhancement of nutrient and formulation of recipe using *Cardiospermum halicacabum* leaves for arthritis, Ms. S. Aariba, Mrs. Gilbis Tamil Priya, Dr. T. Renishya Joy Jeba Malar and Dr. J. Gracia, **National Seminar** on Bringing you – Nutri Vision Healthy Eating for Longevity, Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli, on 18.9.2018 (Oral)
- Effect of stress in human, Dr. J. Gracia, **National Seminar** on Bringing you – Nutri Vision Healthy Eating for Longevity, Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli on 18.9.2018 (Oral)
- Sardine Fish for healthy living, D. Meenachi, A. Hazeena, R. Rajimol, Mariyam Mahuthiyathul Husna M and Dr. J. Gracia, **National Seminar** on Bringing you – Nutri Vision Healthy Eating for Longevity, Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli, on 18.9.2018 (Oral)
- Formulation of biscuit using *Arthocarpus heterophyllus*, R. Shiny, Mrs. G. R. Geedhu Krishna and Dr. J. Gracia, **National Seminar** on Bringing you – Nutri Vision Healthy Eating for Longevity, Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli, on 18.9.2018 (Oral)
- Formulation of barnyard millet fortified product, Dr. T. Renishya Joy Jeba Malar, R. Swarnalatha, M. Vadivel Devi, J. Gracia and M. Sangeetha, **National Seminar** on Bringing you – Nutri Vision Healthy Eating for Longevity, Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli, on 18.9.2018 (Oral)
- Formulation of product using unripe *Arthocarpus heterophyllus* for its effect on reducing blood glucose, B. Regu Kumr, Mrs. G. R. Geedhu Krishna and Dr. J. Gracia, **International Seminar** on Cancer: Diet, life style links and newer management, Holy Cross Home Science College, Thoothukudi on 8.2.2019 (Oral)

- Exploration of nutrient value in *Cardiospermum halicacabum* L (Mudakathan) leaf powder, Dr. J. Gracia, T. Renishya Joy Jeba Malar, **National Conference** on Current Trends in Biological Sciences, Department of Botany, St.Xaviers College, Palayamkottai, 13.3.2019 and 14.3.2019 (Oral)
- *Raphanus sativus* L and its protective effect, Gracia J and Deepika, **International Conference** on Professionalism: Challenges and innovation in Science and Humanities, Muslim College of Education, Thiruvithancode, 28.3.2019 and 29.3.2019 (Oral)
- A study on the mental Health Status of the College students (18-20), Mrs. Poornima Jeyasekaran, Mrs. Soumini G.P and Dr. J. Gracia, Two Day **International Conference** on Scientific and Social Approaches to Mental Wellbeing – 2019, Department of Biochemistry, Zoology, Home Science and Botany, V.V.Vanniaperumal College for Women, Virudhunagar, 3.10.2019 and 4.10.2019
- Optimization of formulated banyard millet bran cookies, S. S. Mohan Raj, J. Gracia and P. Nazni, **3<sup>rd</sup> International Conference** on Emerging Trends in Millet Technology for Health Promotion, Department of Nutrition and Dietetics, Periyar University, Salem, 9.1.2020 and 10.1.2020 (Oral)
- Formulation of *Raphanus sativus* L product for its presious health benefits, M. Deepika, Ms. C. Angelin Monica, Dr. J. Gracia, **National Women’s Food Science And Technology Conference** Organized By Indian Institute Of Food Processing Technology On International Womens Day 2020, 8.3.2021 (Poster)
- Formulation of vitex Negundo based pasta, Dr. J. Gracia, M. Anna Lakshmi, S. Jasper Jane Sweety, **4<sup>th</sup> International Conference** on Food and Nutrition ICFN 2021 “Bioleogues, International Conference”, Singapore, 23.9.2021 and 24.9.2021 (E-poster)
- Enhancement of Nutrition in Food by *Magnifera indica* leaves, Dr. J. Gracia, National Conference on Trends for Futuristic Development in Home Science Research and Innovation (HSRI) 2022, Organized by PG Department of Costume Design and Fashion & Depattment of Nutrition and Dietetics, K.S.R Arts and Science College for Women, Tiruchengode, Namakkal, 19.10.2022 (Oral)
- Formulation of Vitex-Negundo Incorporated Cheese Balls, P Deena, S Jasper Jane Sweety, M. Anna Lahshmi, Dr. J Gracia, **International Conference** on Recent Advances in Allied Health and Biological Sciences Research, Reva University., Bangaluru, 18.11.2022 and 19.11.2022 (Oral)
- Formulation of Value-Added Product Using *Citrullus lanatu* Rind, R Gyana Jothi, Adlin Stephy, C Angelin Monica, Dr. J Gracia, **International Conference** on Recent Advances in Allied Health and Biological Sciences Research, Reva University., Bangaluru, 18.11.2022 and 19.11.2022 (Oral)
- Formulation of product using balloon vine plant, R. Rajya Priya and Dr. J Gracia, **International Conference** on Precision Nutrition and Health: Foresight future of disease

prediction and prevention organized by The Research Centre of Home Science & RG Department of Zoology, Fathima College, Madurai, 20.12.2022 (Oral)

- Formulation of *Acalypha indica* leaf laddu for its marvelous effect, Dr. J Gracia, Agalya and Neela Sree, One-day **International Conference** on Sustainable Development and Innovative Research in Home Science – 2023 organized by Department of Home Science at Mother Teresa Womens University Research and Extension Centre, Madurai, 20.3.2023 (Oral)
- Value Addition of Caramel Toffee using powdered *Psidium guajava* leaf for its Marvelous Health effect, E.Kavya & J.Gracia, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Magical Effect of *Elaeocarpus Ganitrus*. Jasper Jane Sweety S, Gracia J, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Health Effect Of *Caesalpinia bonducella L.* R. Nila And Dr.J. Gracia, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Review On *Morinda Citrifolia* (Noni) – Health Benefits, Deena Paul R, Gracia J, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Health effects of *nigella Sativa*, Kader Haniya S, Gracia J, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Review On *Cocos Nucifera L.* Jaggery Health Benefits, Gyanajyothi R, Gracia J, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Study On The Properties Of Magic In *Echinochloaesculenta*, S.Sabreenjamilah, R Mounika, Dr. J. Gracia, **International Conference** on Innovative Approaches in Life Sciences – ICIALS23 Organized by Department of Food Science and Nutrition, The American College, Madurai, 25.3.2023 (Oral)
- Study on Barnyard Millet bran for its health effects, Santhosh Sivam T, Nagakowsalya K and Dr. J. Gracia. **National Conference** on Millets: Key to Food and Nutrition Security for the Past, Present and Future organized by PG Department of Food and Nutrition, Bishop Heber College, Tiruchirappali, 17.9.2023 (Oral)

- Corn plastic product by Nature Works LLC, S.Sabreenjamilah, R, Mounika, Dr. J. Gracia, One day **National Conference** on Emerging Trends in Biological Sciences 23 organized by Department of Biochemistry, The American College, Madurai, 19.9.2023 (Poster)
- Enhancing the Nutrients and Health benefits of Millet Porridge through the incorporation of Echinochloa esculenta, Mounika R, Sabreen Jamilah S and Gracia J, National Conference on Emphasizing the potential of Millet for better Tomorrow organized by School of Life Sciences Ooty Campus, JSS Academy of Higher Education & Research Mysuru, 22.9.2023 and 23.9.2023 (Poster)
- Value addition of Echinochloa esculenta for enhancement of nutrients, Gracia J, Nagakowselya, Santhosh sivan, Dr. P. Nazni, **National Conference** on Emerging Trends for Futuristic Development in Home Science Research and Innovation (HSRI) – 2023 organized by Department of Nutrition and Dietetics & PG Department of Costume Design and Fashion at KSR College of Arts & Science for Women, Tiruchengode, Namakkal, 6.10.2023 (Oral)
- Chemical Analysis of Caricae Papaya flour, Gracia J and Sabreen Jameila, **National Conference** on Frontiers in Life Science Research NCFLSR24, PG & Department of Zoology, The American College, Madurai, 23.1.2024 (Oral)
- Exploring the nutritional benefits and palatable appeal of carica papaya malt for pre schoolers, Gracia J, **2 Days International Conference** on Nutri-omics in Biotechnological Innovations ICNBI-24 organized by Department of Food Science & Nutrition, The American College, Madurai, 05.03.2024 to 06.03.2024 (Oral)
- Formulation and Standardization of Cassia auriculata – Date Seed Coffee Powder as a Nutri-Rich Coffee alternative, Santhosh Kumar, Nagakowselya, Dr. J. Gracia, **International Conference** on Emerging Trends in Nutrition and Food Technology, NUTRI FOODTECH – 2K24, PG and Research Department of Nutrition and Dietetics, Muslim Arts College, Thiruvithancode, 16.7.2024 (Oral)
- Effect of Fermented Dairy Products on Gut Microbiome for Health, Harshini and Dr. J. Gracia, **National Conference on Innovation, Entrepreneurship and startup opporaturunities in Food & Dairy Sector organized by National Institute of Food Technology, Entrepreneurship and Management, Thanjavur, Indian Dairy Association, TamilNadu Chapter**, 25.11.2024 (Poster)
- **International Seminar on Future of Multi-Omics Research in Biological Sciences organized by the Department of Biotechnology, The American College, Madurai**, 27.11.2024 (Poster)

### Participated

- **Awareness Training camp** Tamil Nadu People Consumer Federation, Tirunelveli on 21.3. 2005

- **National Seminar** on Nutrition and Dietetics, Malankara Catholic College, Mariagiri on 3.2.2006 and 4.2.2006
- **National Conference** on Emerging Trends and Opportunity in Food Processing Sector, M.O.P Vaishnav College for Women, Chennai on 29.1.2010 and 30.1.2010
- **National Seminar** on Role of Educational in Out-Reach Programmes and Sustainable Community Development, Department of Foods and Nutrition, R.V.S Arts and Science College, Coimbatore on 3.3.2010
- **National Symposium** on Paediatric Nutrition and Health, Centre for Nutrition Counseling, Research and Extension Activities”, Department of Home Science, Women’s Christian College, Chennai on 4.9.2010
- **National Symposium** on Food and Nutritional on Prospects in Human Health, Department of Food Science, Periyar University, Salem on 21.10.2011
- **National Conference** on Food Technology Interventions for Health and Nutrition Security Department of Food Science, Periyar University, Salem on 15.3.2012 and 16.3.2012
- **National Conference** on Technology Development of Traditional Foods, Association of Food engineers (ESSENZZ) in collaboration with the Department of Food Processing & Engineering, Karunya University, Coimbatore on 3.9.2012 and 4.9.2012
- **National Seminar** on Technological innovations in Science Pedagogy Organized by Holy Trinity College of Education, Melpalai on 2.2.2013
- **National Conference** on 21<sup>st</sup> Science Tamil Federation, Coimbatore on 9.2.2013 and 10.2.2013
- A Mega Free Diabetes Screening, Education and **Awareness Programme** to the Public DIABETES EXPO 2013 M.G.Diabetes Speciality and 24rganize centre, Fairlands, Salem on 16.11.2013 and 17.11.2013
- **Seminar** on Trends in Protein Engineering Department of Zoology, Periyar University, Salem on 21.11.2013
- **National Symposium** on Carbohydrates in Human Health Department of Food Science and Nutrition, Periyar University, Salem on 24.01.2014
- **National Seminar** on Challenges for Microbiologists to Become Bio-Entrepreneurs (MICRO-PRENEURS-2014) Department of Microbiology, Periyar University, Salem on 27.8.2014
- **National Seminar on Obstracles in Tranlation organized by Department of English, Muslim Arts College, Thiruvithancode on 20.02.2015**
- **International Seminar** on Recent Innovations in Natural Resources to Prevent Cancer (NRPC-2016) Department of Nutrition and Dietetics, Sadakathullah Appa College, Thirunelveli on 15.2.2016
- **National Seminar** on Sustainable Utilization of Bio-resources PG and Research Department of Zoology, Muslim Arts College, Thiruvithancode on 17.2.2016

- Two Day **National Seminar** on Enhancing Professional Skills and Traits, Department of Library and Information Science, Sadakathullah Appa College, Thirunelveli on 20.7.2018 and 21.7.2018
- One day **Seminar** on Quality research and publications, Centre for research, Manonmaniam Sundaranar University, Tirunelveli on 7.12.2018
- International Seminar on Cancer: Diet, Life Style Links and Newer Management organized by Department of Food Science and Nutrition in collaboration with Indian Medical Association, Thoothukudi, Holy Cross Home Science College, Thoothukudi on 08.02.2019
- **International Conference** on Innovative Trends in Teacher Education for the 21<sup>st</sup> century, Immanuel Arasar College of Education, Nattalam, Marthandam on 21.3.2019 and 22.3.2019
- **State Level Seminar** on Opportunities and Challenges in the Emerging Spaces of Higher Education, IQAC, Sri Meenakshi Government Arts College for Women, Madurai on 4.9.2019
- **One Day Seminar** on Womens Emancipation Movements in TamilNadu Organized by Post Graduate and Research Department of History, Muslim Arts College, Thiruvithancode on 19.09.2019
- **International Symposium** on Dietary trends, IDA Kilakarai Chapter at Alpha Hospital and Research Centre, Madurai on 17.12.2019
- **International Golden Jubilee Seminar** on Emerging Trends in Food Processing Technology – 20, Department of Food Science Technology, Arul Anandhar College, Karumathur, Madurai on 10.1.2020
- **National Seminar** on Making of an Inspiring Teacher, R.P.A College of Education, Mamottukadai on 31.1.2020
- **International Virtual Conference** on Immune Boosting Diet for COVID-19 conducted by Department of Food Science and Nutrition, The American College, Madurai on 21.05.2020
- **Online Seminar** on Development of Climate Change Resilient Rice Varieties Through Molecular Breeding organized by Bioingine.com, Webinars on plant science research #W06072020-325 on 06.07.2020
- UGC Sponsored **International Web Conference** under National Skill Development Corporation on Emerging Trends in Food, Nutrition and Health organized by Department of Nutrition and Dietetics and B. Voc Food Processing, Seethalakshmi Ramaswami College, Tiruchirapalli on 24.04.2021
- **National Conference** on Emerging Trends of Life Sciences in view of Current Pandemic Situation organized by Department of Life Sciences, Kamla Nehru Mahavidyalaya, Nagpur on 15.05.2021

- **Power Seminar** on Intellectual Property Rights organized by the PG & Research Department of Commerce, Holy Cross Home Science College, Toothukudi on 22.05.2021
- **National Seminar** on Trends and Development in Food Packaging Technology by the Department of Food Processing Technology, AMET Deemed University, Kanathur, Chennai on 31.5.2021
- **International virtual conference** on Innovation in Food Processing and Nutritional Science organized by Department of Food Processing Technology, AMET Deemed University, Kanathur, Chennai on 29.7.2021
- **National e-Seminar** on Feeding the Zillions: Scope and Challenges for Food Technologists organized by the Department of Food Science, Mehr Chand Mahajan DAV College for Women, Chandigarh and Department of Biotechnology, School of Life Science, Vels Institute of Science, Technology and Advanced Studies, Chennai on 31.7.2021
- **One day online international seminar** on research and library services organized by central library and IQAC of Akhil bhartiya maratha shikshan parishads, shri shshu mandir mahavidyalaya, Parvati, pune ODIJ7C-CE000212 on 25.02.2022
- Appreciated for a contribution towards **Vigyan Sarvatra Pujyate, Festival** of SCoPE for All at The American College, Madurai on 22.02.22.to 28.02.2022
- **National level e-Symposium** on Food Diversification – The way forward organized by Department of Clinical Nutrition and Dietetics, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women on 08.03.2022
- **National level e-Symposium** on Food Diversification – The way forward organized by Department of Clinical Nutrition and Dietetics, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women on 08.03.2022
- **One Day International Symposium** on Reimagining Youth Skills for the 21<sup>st</sup> Century organized by International Council for Education, Research and Training on 23.07.2022
- **A seminar** titled “Hepatitis Can’t Wait” in commemoration with World Hepatitis Day organized by Department of Food Science and Processing Management, Subbalakshmi Lakshmi pathy College of Science, Madurai on 28.07.2022
- **International Seminar** on “Personalized Nutrition” Food – Healthier Choice for Healthier You organized by Department of Nutrition and Dietetics, Sadakathullah Appa College, Tirunelveli on 02.09.2022
- **International Conference** on Recent Advances in Allied Health and Biological Sciences Research organized by School of Health Sciences, Reva University, Bengaluru, India on 18.11.2022 and 19.11.2022
- **International Conference** on “Opportunities for Nutritional and Food Security through Climate Resilient Millets” MIT School of Food Technology, MIT-ADT University, Pune on 30.11.2022

- **National Conference** on “Modern Food Preservation and Safety-MFPS’23” organized by the Department of Food Technology, Faculty of Engineering, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu on 10.1.2023
- **National Seminar** on Millets in India Organized by the Department of Food and Dairy Technology in association with Indian Institute of Millet Research – ICAR & Startup Tamilnadu, Mannar Thirumalai Naicker Colleg, Madurai on 16.03.2023 to 17.03.2023
- **National Conference** on Millets: Key to Food and Nutrition Security for the Past, Present and Future organized by PG Department of Food and Nutrition, Bishop Heber College, Tiruchirappalli on 22.09.2023
- **National Seminar** on Human Evolution & Culture – Inferences from Genomics organized by the PG & Research Department of Zoology, The American College, Madurai on 19.09.2024
- **International Seminar** on Future of Multi-Omics Research in Biological Sciences organized by the Department of Biotechnology, The American College, Madurai on 27.11.2024

### **Other Details**

- Contribution Towards Vigyan Sarvatra Pujyate Festival of SCoPE for All at The American College, Madurai on 22.02.2022 to 28.02.2022
- Mentor in the Young student Scientist Programme (YSSP) catalysed and supported by TamilNadu State Council for Science and Technology conducted by The American College, Madurai on 20.05.2022 to 03.06.2022
- Judge for Mega Rangoli Competition and Fireless Cooking Competition for general public in and around Kalayarkoil organized by St. Michael College of Engineering & Technology, Kalayarkoil, Sivagangai District on 03.09.2022
- Served as Organized member of Fem Fiesta – 2023 organized by the Women’s Forum of The American College, Madurai on 08.03.2023
- Research Parley on the Future of Higher Education Institutions in India in the context of Autonomy, Research and world ranking organized by N.V.K.S.D College of Education, Attoor, Kanyakumari on 28.07.2023
- Attended the Academic Renewal Programme organized by All India Association for Christian Higher Education at Port Blair, Andaman & Nicobar Island Islands on 24.08.2023 to 27.08.2023
- Millet Food Festival 2023 organized by TamilNadu Government Food supply and consumer safety Maduri district on 08.12.2023