



Dr. S. M. D. Mathuravalli

Vice-Principal & Associate Professor

Holy Cross Home Science College, Thoothukudi

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Date of Joining : 17 October, 1994
Education : M.Sc., M.Phil., Ph.D.
Specialization : Food Science & Nutrition

Education & Credentials

Degree	College / University	Specialization	Year	Grade/Position
Ph.D.	Manonmaniam Sundaranar University, Tirunelveli	Food Science & Nutrition- Home Science	2017 (Highly Commended)	-
M.Phil.	Mother Teresa Women's University, Kodaikanal	Foods & Nutrition	2002 (Highly Commended)	I
M.Sc.	Agricultural College & Research Institute, Madurai	Foods & Nutrition	1991	I
B.Sc.	Agricultural College & Research Institute, Madurai	Home Science	1988	I

Work Experience

Served as a **Field Level Functionary** under the Ford Foundation Scheme at Fisheries College and Research Institute, Thoothukudi from 1988 to 1990.

Conferences / Seminars Attended

International

1. Participated in the International Symposium on **Nutritional Insights into Ageing & Neurodegenerative Disorders** organized by the Indian Dietetic Association, Kilakarai Chapter on January 18, 2020, at Indian Dietetic Association Hall, Madurai.
2. On 4th October 2019, attended an International Conference on **Scientific and Social Approaches for Mental Wellbeing** organized by the Departments of Zoology, Botany, Home Science and Bio-Chemistry at V.V Vanniaperumal College for Women, (Autonomous), Virudhunagar.
3. On 11th September 2018, presented a paper on “**Impact of *Spirulina* supplementation on haemoglobin levels of saltpan workers in Thoothukudi District**” at an International Conference on “New Vistas in Life Sciences” organized by the Department of Biochemistry, Holy Cross College, Trichy.
4. Participated in the International Symposium on “**Emerging Issues on Health – A Comprehensive Therapeutic Approach**” held on 16th December 2013 organized by the Department of Home Science with Food Biotechnology and Department of Zoology, Fatima College, Madurai.

National

5. Participated in a National Level Quiz on **World Kindness Day- Be Kind Whenever Possible** organized by Contest 360 on November 24, 2022.
6. Participated in NAAC Sponsored Two Days National Virtual Conference on “**The Role of IQAC in Quality Sustenance and Quality Enhancement in the Context of Revised Assessment and Accreditation Framework (RAAF) in Higher Education Institution (HEI)**” on 15.09.2022 & 16.09.2022 organised by Internal Quality Assurance Cell (IQAC), The Madurai Diraviyam Thayumanavar Hindu College, Tirunelveli, Tamil Nadu.
7. Participated in a Seminar titled “**Hepatitis Can’t Wait**” in commemoration of World Hepatitis Day on 28.07.2022 organized by the Department of Food Processing & Management at Subbulakshmi Lakshmi pathy College of Science, Madurai.

8. Participated in the Programme on **Art of Living till Your Last Moment** by Prof Lazarus Lepcha 08-07-2022 held by IFIM College, Bengaluru, Karnataka.
9. Participated in the National Seminar on “**Quality Enhancement In Teaching – Learning Process**” organized by IQAC of Holy Cross Home Science College, Thoothukudi held on 30th& 31st March, 2012.
10. Participated in the Conference on “**Quality Assurance – Approaches, Apprehensions, Issues and Innovations**” organized by NAAC & IQAC of Annammal College of Education for Women, Thoothukudi on 06th& 07th March 2009.
11. Participated in the UGC-sponsored National Seminar on “**Home Science-A Promising Future Ahead**” organized by Fatima College on 14 & 15th December 2007.
12. Participated in the National Seminar on “**Better Packaging for Better Foods**” held from 28th-30th December, 2005 sponsored by the Ministry of Food Processing Industries, Govt. of India, New Delhi & organized by Home Science College & Research Institute, Tamil Nadu Agricultural University, Madurai.

State

13. Participated in the State Level Seminar on “**Health Promotion-Zest 4 Health**” organized by the Department of Food Science & Nutrition, Sarah Tucker College on 30th September, 2011 in view of the celebration of “World Heart Day”.
14. Participated in the State Level Seminar on “**Shape & Shine**” organized by Sourashtra College for Women, Madurai on 11th March 2011.
15. Participated in the training programme on “**Mushroom Cultivation**” held at Agricultural Support Centre, TNAU Coimbatore on 20th February, 2007.
16. Participated in the State Level Seminar Workshop on “**Dietary Management in Non-Communicable Diseases**” held on 15th& 16th December 2006 at Bharath College of Science & Management and **won I prize** in puzzle.

Regional

17. Participated in the Orientation Programme on “**Research Activities in Science for College Teachers**” on 19th& 20th March 2012 at Manonmaniam Sundaranar University, Tirunelveli.

18. Participated in the One Day Workshop on the “**Patent Awareness Programme**” on 8th December, 2009 held at MSU, Tirunelveli.
19. Participated in a two-day “**Trainee the Training Programme on Soft Skills to Enhance Employability of Students**” at Annammal College of Education on 4th& 5th February 2008, Thoothukudi.
20. Participated in the seminar on “**Quality Improvement Programmes & Effective Functioning of IQAC**” sponsored by NAAC held at V.O Chidambaram College on 20-21st January 2006.
21. Participated in the seminar on “**Consumer Education & Protection**” for NSS Programme Officers sponsored by the Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India, New Delhi and organized by the Holy Cross Home Science College, Thoothukudi on 5th July, 2005.
22. Participated in the seminar on “**Consumer Education & Protection**” for NSS Programme Officers sponsored by the Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India, New Delhi on 30th June, 2005.
23. Participated in the seminar on “**The Funding Agencies for Higher Education & Research**” in 22nd December, 2004 organized by Annammal College & Education for Women, Thoothukudi.

Papers Presented/Published in Conferences / Seminars

International

24. Published papers on Innovative Solutions: **Exploring Indian Patent Designs in Food Science and Nutrition** and **Unlocking the Potential: Leveraging IPR in Bio-Entrepreneurship** and also served as a **Contest Chair** for Paper presentation at the International Conference on IPR- Maximization for Growth and Development organized by the PG and Research Department of Commerce and Research and Development Cell, Holy Cross Home Science College, Thoothukudi, Tamil Nadu, India. **ISBN: 978-93-61636-37-0.**
25. Published a paper entitled **Development and Quality Characteristics Studies of Baigai-Tomato Sauce Stored in Different Packaging Materials** in *IJCRM Journal* (Article ID - s16078) **ISSN: 2456-0979.**

26. Presented in the International Seminar on Personalized Nutrition, Food –Healthier Choice for Healthier You on September 02, 2022 as a Paper Presenter entitled “**A Comparative Study on the Impact of Green Tea & Mint Juice in the Cancer Cells of the Patients of Neyyoor, Kanyakumari District**” organized by the Department of Nutrition & Dietetics, Sadakathullah Appa College, Tirunelveli, Tamil Nadu, India.
27. Presented a paper on “**Development of Pasta using Underutilized Fishes and their Effect on Selected Quality Characteristics in the II International Conference on Emerging Trends, Growth, Opportunities and Future in Food Processing Sectors**” organized by PG Department of Food and Nutrition, Bishop Heber College, Tiruchirappalli on 28-29, April 2022.
28. Presented a paper on “**Prevalence of Obesity among the School going Adolescent Girls (12-14Years) in Thoothukudi District, Tamil Nadu**” awarded as **Best Research Paper** in an International Conference on Interdisciplinary Academic Research and Innovation (IARI-20) on March 10-11, 2020 at Rome, Italy.
29. Presented a paper on the **Impact of Spirulina supplementation on the haemoglobin level of saltpan workers of Thoothukudi district, Tamil Nadu** in an International Conference on New Vistas in Life Sciences, Department of Biochemistry, Holy Cross College Nagercoil held on 11th September 2018.
30. Published a paper on the **Food consumption pattern of Saltpan workers in Thoothukudi District of Tamil Nadu** in an open access, Indexed, High Impact Factor of 5.081 & Refereed *International Journal of Informative & Innovative Research*. 4(3): 5845-5853 December 2016. *ISSN: 2347-1697*.
31. Published a paper on **Anthropometric Indices and Body Composition of Saltpan workers in Thoothukudi District of Tamil Nadu** in open access, Indexed, High Impact Factor of 5.081 & Refereed *International Journal of Informative & Innovative Research*. 4(3): 5814 -5821. December 2016. *ISSN: 2347-1697*.
32. Participated in a One Day International Seminar on **Nutritional Epidemiology and Research Methods** organized by the Department of Food Science and Nutrition, Sarah Tucker College, Tirunelveli on 30.08. 2016
33. Presented a paper on “**Socio-economic Status of Saltpan workers in Thoothukudi District**” in the one-day International Seminar on Diet & Diabetes-Dia-Fest’14 held on 17th

October, 2014 at Sarah Tucker College, Tirunelveli sponsored by Dr. Agarwal Eye Hospital and Govt. Siddha Medical College, Tirunelveli.

34. Presented a paper on “**Food Consumption Pattern of Saltpan workers in Thoothukudi District**” in the one-day International Seminar on Diet & Diabetes-Dia-Fest’14 held on 17th October, 2014 at Sarah Tucker College, Tirunelveli sponsored by Dr. Agarwal Eye Hospital and Govt. Siddha Medical College, Tirunelveli.

National

35. **S.M.D.Mathuravalli** Narayanansamy Rajendran, Dr.K.Bagyalakshmi, Dr. Dilip R, Dr Anuradha Ranjan, Dr. Ipsita Das, Dr. Amit Chauhan (2022), **Deep Learning Techniques For Exoticism Mining From Visual Content Based Image Retrieval.** *Journal of Pharmaceutical Negative Results*, Volume 14 | Special Issue 1 | 2023, 925-933. <https://doi.10.47750/pnr.2023.14.S01.130>
36. Dr. M. S. Rubha & **Dr. S. M. D. Mathuravalli**, **IMPACT OF SUPPLEMENTATION OF SEAWEED INCORPORATED NUTRITIONAL MIX ON UNDERNOURISHED SCHOOL GOING ANEMIC ADOLESCENT GIRLS (13-14YRS) THOOTHUKUDI** *Purakala Vol 32 Issue 1, 2023* ISSN: 0971-2143 UGC CARE APPROVED JOURNAL, 819-822.
37. Dr. M. S. Rubha & **Dr. S. M. D. Mathuravalli**, **IMPROVING THE NUTRITIONAL STATUS OF UNDERNOURISHED SCHOOL GOING ANEMIC ADOLESCENT GIRLS (11-14YRS) THOOTHUKUDI** *Purakala Vol 32 Issue 1, 2023* ISSN: 0971-2143 UGC CARE APPROVED JOURNAL, 823-826.
38. **S.M.D.Mathuravalli** , V.Priya , S.Deepa , Dr.Venkata Ramana Motupalli , Mekala R , Dr. Ganesh Kumar R , Dr. D. Stalin David. (2022). **Certain Investigation of Medical Image Analysis Using Object Recognition and Semantic Segmentation.** *Journal of Pharmaceutical Negative Results*, 4484–4492. <https://doi.org/10.47750/pnr.2022.13.S09.555>
39. Presented a paper in a National Seminar on **Opportunities and Challenges in Nutrigenomics and Health** held on September 30, 2022, organized by the Department of Food Science and Nutrition in association with SDR and ABI Groups of Companies, Thoothukudi, Tamil Nadu.

40. Published a paper on **Development and Quality Characteristics Studies of Baigai-Tomato Sauce Stored in Different Packaging Materials**. Shodhasamhita : *Journal of Fundamental & Comparative Research* Vol. VIII, No. 11(XII) : 2022 ISSN: 2277-7067 Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek Page | 118-123.
41. On 1st October 2019, published in a proceeding (*ISBN 978-93-84734-79-4*) on & **“Development of Fortified Wheat Vermicelli with Soya and Vegetables”** won **II prize** in a National Level Seminar entitled Nutraceuticals and Functional Foods in Health and Disease Prevention Organized by Muslim Arts College Tiruvidancode.
42. On 1st October 2019, published in a proceeding (*ISBN 978-93-84734-79-4*) on **“A Study on the Socio-demographic Profile of Saltpan Workers”** in a National Level Seminar entitled Nutraceuticals and Functional Foods in Health and Disease Prevention Organized by Muslim Arts College Tiruvidancode.
43. Published a paper on the **Health profile and lifestyle pattern of Saltpan Workers in the Thoothukudi district of Tamil Nadu** in April 2019 *JETIR UGC, ISSN : 2349-5162*.
44. Published a paper on the **Incorporation of carbon dioxide in RTD (Ready- To – Drink) Fermented Milk** in a National Seminar entitled Nutri Vision-Healthy Eating for Longevity held On 18th September 2018, organized by Sadakkathulah Appa College Tirunelveli, *ISBN: 978-81-938054-3-5*.
45. Published a paper on **“A Comparative Study on Efficacy of Supplementation of Fish Liver Oil and Garlic Capsules in Hypertensives and Hyperlipidemic Patients (30-50 yrs) in Tirunelveli District”** in a National Seminar entitled Nutri Vision-Healthy Eating for Longevity held on 18th September 2018, organized by Sadakkathulah Appa College Tirunelveli, *ISBN: 978-81-938054-3-5*.
46. Published a paper on **“Development of Flavoured Tea Dust and RTD tea using Senna”** in a National Seminar entitled Nutri Vision-Healthy Eating for Longevity held on 18th September 2018, organized by Sadakkathulah Appa College Tirunelveli, *ISBN: 978-81-938054-3-5*.
47. Published a paper on **“Formulation and Development of Tripla Cookies Incorporating Carrot, Lotus Stem & Groundnut Cake”** in a National Seminar entitled Nutri Vision-Healthy Eating for Longevity held on 18th September 2018 organized by Sadakkathulah Appa College Tirunelveli, *ISBN: 978-81-938054-3-5*

48. Presented a paper on “**Health Profile of Saltpan workers in Thoothukudi District of Tamil Nadu**” in a National Seminar on Contributing Lore of Wealthy Nature (CLOWN-17) held on 24th and 25th January 2018 at Immanuel Arasar College of Hotel Management and Applied Sciences, Kanyakumari District, Tamil Nadu. *ISBN: 978-93-87102-66-8*.
49. Participated in a National Level Seminar entitled **Nutritional Management in Metabolic Syndrome** held on 8th February 2017 at Shri S. Ramasamy Naidu Memorial College Sattur, Tamil Nadu.
50. Presented a paper on “**Anthropometric Measurements and Body Composition of Saltpan workers in Thoothukudi District**” in the National Seminar in “Fruition & Nutrition Hospitality (NH-16) on 13.04.2016 organized by Udhaya College of Arts & Science Vellamodi, Kanyakumari District.
51. Presented a paper on “**Food Consumption Pattern of Saltpan Workers in Thoothukudi District of Tamil Nadu**” and **won III prize** in the UGC-sponsored National Seminar on Sustainable Health & Wellness – Issues and Challenges” *ISBN: 978-81-7255-070-7* From 12.08.2015 & 13.08.2015 organized by Morning Star Home Science College Angamaly, Ernakulam District, Kerala .
52. Presented a paper on “**Socio-economic Status of Saltpan workers in Thoothukudi District**” in the one-day International Seminar on Diet & Diabetes-Dia-Fest’14 on 17.10.2014 organized by Sarah Tucker College, Tirunelveli
53. Participated in the International Symposium on “**Emerging Issues on Health – A Comprehensive Therapeutic Approach**” on 16.12. 2013 organized by the Department of Home Science with Food Biotechnology and the Department of Zoology, Fatima College Madurai.
54. Presented a paper at the National Seminar on “Fruition & Nutrition Hospitality (NH-16)” on 13th April 2016 & a paper entitled “**Anthropometric Measurements and Body Composition of Saltpan workers in Thoothukudi District**” held at Udhaya College of Arts & Science, Vellamodi, Kanyakumari District.
55. Presented a paper on “**Food Consumption Pattern of Saltpan Workers in Thoothukudi District of Tamil Nadu**” and **won III prize** in the UGC-sponsored National Seminar on Sustainable Health & Wellness – Issues and Challenges” held on 12th and 13th August, 2015

organized by Morning Star Home Science College, Angamaly, Ernakulam District. *ISBN: 978-81-7255-070-7.*

56. Presented a paper at the National Conference on **Improving Adolescence Nutrition Investment in Public Health** organized by Maharaja Co-education Arts & Science College, Perundurai entitled ‘**A Study on Efficacy of Sweetened Whey Supplement Upon Athletic Performance**’ and **won the 1st prize** in the paper presentation on 28th September 2012.
57. Presented a poster on “**Formulation & Development of Fruit Ice Cream**” at the National Conference on Emerging Trends & Opportunities in the Food Processing Sector organized by M.O.P Vaishnav College for Women, Chennai held on 29th, January 2010.
58. Presented a poster on “**Formulation and Development of Health Mix and Impact of Supplementation on College Girls**” in the National Seminar entitled Empowerment for Excellence in Home Science from 4th - 6th October 2007, Lady Irwin College, New Delhi.
59. Presented a paper on “**Food Consumption Pattern of Fisherwomen in Thoothukudi District**” in the National Symposium on Recent Trends in Fisheries Education & Research held in the Fisheries College & Research Institute, Thoothukudi on 4th December 2004.

Refresher course/ MOOC Online Course/Certificate Course

60. Enhancing Creativity among Teachers **MOOC OFFERED UNDER UNESCO’S OPEN EDUCATION FOR A BETTER WORLD (OE4BW) ONLINE MENTORING PROGRAM** from 5th August 2022-1st September 2022 AT THAKUR SHYAM NARAYAN COLLEGE OF EDUCATION AND RESEARCH, Mumbai, Maharashtra.
61. Completed one Month **Certificate Course in Renal Nutrition** on June 13, 2022, organized by MEDVARSITY and AHERF.
62. Participated in the Winter School on “**Seafood Quality Assurance –Current Issues & Problems**” organized by the Department of Fish Processing Technology, Fisheries College & Research Institute, Thoothukudi from 1st November to 21st November 2006 sponsored by the Education Division of the ICAR, New Delhi.

Served as Resource Persons

- Acted as **Chief Guest** inaugurated the Millet Awareness Expo, and delivered a guest address on the **Exaltation of Underutilized Ethnic Food Resources (Millets) for Food**

Security & Nutrition on February 23, 2023, to the students of Bishop Caldwell College, Thoothukudi.

- Served as Chief Guest and delivered a Special Lecture on **Nutrition** and provided nutritious meals to the schoolchildren of Extension Middle School, Thoothukudi on September 7, 2022, in commemoration of National Nutrition Month.
- Served as Chief Guest in 73rd Republic Day Celebrations in Holy Cross Home Science Matriculation School on January 26, 2022.
- Served as Resource Person in the VOCCEAN Skill Expo-2021 & Valediction of Certificate Course on Skill Training in VOC College of Education, Thoothukudi on October 8, 2021.
- Presented the Chief Guest Address through Google Meet at VOC College, Thoothukudi on September 7, 2021 to commemorate National Nutrition Week, which was coordinated by NSS Units No. 68, 69, and 70.
- On 24th June 2019, delivered a guest lecture on Food & Nutrition for Fresher's of St. Mary's College Thoothukudi.
- Delivered a special lecture on "**Nutritional and Health Care of Mothers and Children**" to the students of the college, Child Department Project Officers in and around Thoothukudi, self-help groups from various places. In order to commemorate National Nutrition Week Celebration, the Integrated Child Development Scheme (ICDS) hosted a programme at V.O.C College, Thoothukudi on 7th September 2018.
- Presented a Chief Guest Address titled **Nutrition, Health & Well-being** at VOC College, Thoothukudi on December 20, 2017 at the TNSCST-sponsored Creation of Scientific Awareness Program.
- Presented a Chief Guest Address on **Diet and Diabetes** at VOC College, Thoothukudi on June 17, 2004, coordinated by Manna Mix and VOC College.

Theses / Dissertations

Ph.D. Thesis:

Nutritional & Ergonomic Profile among saltpan workers of Thoothukudi District- A Nutrition Intervention study.

M.Phil. Dissertation:

A Study on Effect of Socio-economic status on the Nutritional Status of Fisherwomen in the selected areas of Thoothukudi district.

➤ **Academic Positions**

- Served as a Series Editor in an edited book series “**Futuristic Trends in Agriculture Engineering & Food Sciences Volume 3 Book 8** 978-93-5747-585-3 ” Iterative International Publishers (IIP), Selfpage Developers Pvt Ltd. **Volume: 3-2024.**<https://iipseries.org/list-editor-reviewer.php>
<https://iipseries.org/view-pub-book.php?bookid=128&bookname=futuristic-trends-in-agriculture-engineering-amp-food-sciences-volume-3-book-8>
- Serving as a Chairperson on the Board of Studies at Manonmaniam Sundaranar University, Tirunelveli since April 2024.
- Serving as Special Invitee on the Board of Studies at Manonmaniam Sundaranar University, Tirunelveli on September 26, 2022.
- Serving as External and internal experts for three Research scholars in the Doctoral Committee in 2019 and 2021.
- Serving as the Subject expert on the Board of Studies at Sadakkathulah Appa College, Palayamkottai.
- Serving as the Subject expert on the Board of Studies at Sarah Tucker College, Tirunelveli.
- Served as a Board Member in the Board of Studies at Manonmaniam Sundaranar University, Thoothukudi till 2023.
- Served as Chairman of the Board of Studies at Manonmaniam Sundaranar University, Thoothukudi.
- Served as Subject expert in the Board of Studies at VVV College, Virudhunagar.
- Served as Subject expert in the Board of Studies at SRNM College, Sattur.

➤ **At the Departmental Level**

- ❖ Department Head for the Department of Fashion Designing & Apparel Making Since 2018.
- ❖ Convener in Several Seminars, Skill Training Programmes, Workshops, Guest lectures for the Department of Fashion Designing & Apparel Making Since 2018.

- ❖ Served as a convener in an International Seminar on **Smart Textiles in Modern Era – SMARTEX FASHION '18**, hosted by the Department of Fashion Designing and Apparel Making of Holy Cross Home Science College, Thoothukudi on August, 31 2018.
- ❖ Represented as a Chairperson in the Board of Studies at MSU, Tirunelveli from 2016-18.
- ❖ Member in BOS -Sadakkathulah Appa College, Tirunelveli- VVV college, Virudhunagar, Sarah Tucker college, Tirunelveli, SRNM college, Sattur.
- ❖ Preparation of academic and non-academic reports
- ❖ Assisting in all the department events including seminars, workshops, expos, etc.
- ❖ Conducted quizzes, puzzles and debate programmes organized by the department
- ❖ Assisting in taking the remedial measures for low achievers
- ❖ Serving as a question paper setter
- ❖ Serving as an answer script valuator at MSU and in other universities
- ❖ Serving as an External Examiner in various colleges at Muslim Arts College, Sarah Tucker College, Sadakkathullah Appa College, Tirunelveli.
- ❖ Served as a resource person in various colleges
- ❖ Convened and organized National & International seminars In Food Science & Nutrition and Fashion Designing & Apparel Making.

➤ **At the College Level**

- ❖ Represented as a SCAA Member from 2023 until the present
- ❖ Represented as a Senate Member from 2023 until the present.
- ❖ Appointed as Vice-Principal on June 19, 2023, until date.
- ❖ Coordinator in Women Counselling Club since 2023
- ❖ Coordinator in Eco Club since 2022.
- ❖ Rotaract Chair for Rotaract Club of HCHSC since 2022
- ❖ Coordinator in Grievance Committee Since 2021
- ❖ Served as Sports Secretary (2008-2016)
- ❖ Served as Alumni Coordinator (2012-2016)
- ❖ Coordinator in Discipline Committee Since 2017
- ❖ Member of Anti-Ragging Cell

- ❖ Serving as a Student Coordinator since 2016
- ❖ Represented as a Senate Member from 2016-18
- ❖ Member of SCAA committee (2016-18)
- ❖ Ph.D., degree awarded in the subject of **Home Science- Foods and Nutrition** by Manonmaniam Sundaranar University, Tirunelveli on 05th December 2017.

UGC Minor Research Project

Improving Nutritional Status through Nutrition Education for Salt Workers in Thoothukudi District funded by UGC of Rs. 2,75,000 from 2014-16.

Patents & Awards

- ❖ Received a **Best Faculty Award** for academic and professional excellence by Nature Science Foundation on International Women's Day, 2024.
- ❖ Received a **Distinguished Teaching & Outstanding Educator Award** for academic and professional excellence sponsored by the Association for Women Empowerment & Child Development under the Indian Trust Act 198/B4-2017 on International Women's Day, 2024.
- ❖ Received **Best Professor of the Year** in recognition of Outstanding Achievement at IGA Conference awarded by Indian Glory Awards 2023.
- ❖ Received **Best Faculty Award** awarded by Holy Cross Home Science College, Thoothukudi for **2020-21, 2021-22 and 2022-23**.
- ❖ **Dr. S.M.D. Mathuravalli**, on being awarded the **International Best Senior Educationist Award 2023 -SciTech Awards 2023** for outstanding achievements in scientific research and publications powered by **International Scientific Research and Publications, World Scientific Research and Publications Pvt Ltd, United Kingdom and International Scientific Research and Publications LLC, United States of America**.
- ❖ **Time-honored a Professional Life Time Member Card 2023** awarded by Scientific International Publishing House, Registered under SME, Government of India. *SIPH2023078*.

- ❖ Received a **Best Academician Award for 2022** awarded by Scientific International Publishing House, Registered under SME, Government of India. *ISBN: 978-93-5625-648-4*.
- ❖ Received an award as Proud Awardee for Education from the **INDIAN ACHIEVERS FORUM OF EXCELLENCE RECORDS** People Transforming Nation Awards 2023 to recognize and appreciate extraordinary contribution in the field of education and truly transforming the nation with commendable work.
- ❖ Received a patent from Indian Patent Office **SIP Publications Application Number- 202221044586** A Filing Date-04/08/2022 - Title: **AI-based Smart Health Care System to predict and Early Stage Prevention of all types of Diabetes for all ages using Machine Learning Algorithms and Deep Learning Algorithms for healthy life.** The Patent Office Journal No. 38/2022 Dated 23/09/2022 60345. P.No 144.
- ❖ Received a **National Education Conference-2022 and Maharishi Dayananth Saraswati Excellence Award 2022** as a Proud Awardee of Professors on December 2022, organized by PRITHVI Association, India.
- ❖ Received a Certificate of Appreciation awarded for the social work that was done as a volunteer for the **Rally of Youth for Garbage-Free Beaches** on September 17, 2022, at Thoothukudi at Pearl Beach.
- ❖ Received a **National Education Talk and Dr.Sarvepalli Radhakrishnan Excellence Award 2022** as Awardee of Professors on September 4, 2022, organized by KLM International School and Prithvi Association India, Punjab.
- ❖ Received a **Dr.APJ Abdul Kalam Education Excellence Award 2022** to appreciate an excellent contribution to the field of Education on July 27, 2022, organized by 7th Remembrance Day of Bharat Ratna Dr.APJ Abdul Kalam.
- ❖ Received the **Best Faculty Award** of our institution held during 2021-22
- ❖ Received a **PAAI International Award for Education Excellence for the award of Researchers & Professors** on February 26, 2022.
- ❖ Received an **Academic Excellence Award** in the award ceremony conducted by Research Education Solutions, Noida U.P under MSME during the International Conference on Industrial Revolution & Innovations in Management, Science & Technology, Education & Humanities on April 24, 2022.

Book/Book Chapter Publications

- 1. Mathuravalli, S.M.D. (2023) Nano Technology in Agriculture & Food Processing (2023).** Scientific International Publishing House, Registered Under SME, Government of India. *ISBN: 978-93-5625-648-4.*
- 2. "Advances in Nutrition (Volume - 6)". 2022.** AkiNik Publications Printing Press
License No.: **F.1 (A-4) press 2016 Ref. No.: AN-06-05 Date: 08-02-2022. ISBN: 978-93-6670-197-8.** <http://doi.org/10.22271/ed.book.1713>
- 3. Mathuravalli, S.M.D. (2021). Handbook of Bakery and Confectionery (1st ed.).** CRC Press. <https://doi.org/10.1201/9781003242635>.
- 4. Handbook of Bakery and Confectionery 1st Edition** Jaya Publishing House ISBN: 978-93-89996-02-9.