



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956
Accredited with "B" Grade by NAAC
Approved by the Government of Tamil Nadu
Phone:04174-235266 Email: principaliwc@gmail.com
www.islamiahwomensartsandsciencecollege.com

PG DEPARTMENT OF BIOCHEMISTRY

STAFF'S ACHIEVEMENTS

S. ARUNA, M.Sc., M.Phil., SET

- 1. Academic Council member 2022**
- 2. Chairman, Boards of studies in Biochemistry (UG), Thiruvalluvar university 2022-2025**
- 3. Member, Ex-officio Boards of studies in Biochemistry (PG), Thiruvalluvar university 2022-2025**
- 4. Summer Research Fellowship, Indian Academy of Science, Bangalore**

NATIONAL & INTERNATIONAL LEVEL SEMINARS/CONFERENCES-ATTENDED

- 1. Training cum Workshop for Non-Biology College Teachers on Environmental Science**, Loyola Institute of Frontier energy (LIFE), Loyola College (Autonomous), Chennai held from 6th September. 2004 to 11th September 2004.
- 2. Cancer Today-07**, ISBN-Inter Society of Biochemistry & Nutrition, DKM college for women, Vellore, 19th February, 2007.
- 3. Renal disorders-08**, ISBN-Inter Society of Biochemistry & Nutrition, DKM college for women, Vellore, 19th February, 2008.
- 4. Nanomedicine and stress management**, Marudhar Kesari Jain College For Women, Vaniyambadi ,25.09.2010.
- 5. Emerging Trends in Bioscience**, Department of Biotechnology & Biochemistry Marudhar Kesari Jain College, Vaniyambadi, 25th January. 2012.
- 6. Recent Approaches in Renal Disease and Marine Biosources**, Department of Biochemistry, Sacred Heart's college (Autonomous), Tirupattur, 12th September 2014.

7. **New Perspective in Biotechnology in Human Welfare, oral paper presentation** with topic “**CRISPER Technology in Gene correction**”, PG Research department of Biotechnology, Islamiah college (Autonomous), Vaniyambadi, 1st March 2015.
8. **Nanomedicine and Phytotherapy Current scenario and Future Prospects**, PG & Research Department of Biochemistry, Islamiah college(Autonomous), Vaniyambadi, 11th March 2015 to 12th March 2015.
9. **All India Association for Christian Higher Education (AIACHE) on Human values Development**, St. Christopher College of Education, Chennai, held on 3rd July 2015.
10. **Emerging Trends in Biological and Environmental Sciences ETBS-2015 on “Emerging Trends in Biological and Environmental Sciences**, PG & Research Department of Biochemistry & Department of Microbiology KMG College of Arts & Science, Gudiyattam, 10th September, 2015.
11. **Clinical Disorders & Monoclonal Antibodies**, Department of Biotechnology & Biochemistry & Nutrition, Marudhar Kesari Jain College, 1st October 2015.
12. **Institutional Quality sustenance through NAAC Accreditation & NIRF-Motivation and measures**, Regional Joint Directorate of Collegiate Education, Vellore Region held on 10th November. 2017.
13. **Advanced Bioinformatics, Biological Database and Genomics**”, Department of Biochemistry, Islamiah college (Autonomus), Vaniyambadi, 11.01.2020.
14. **DNA Bar-coding**, Department of Biotechnology, Islamiah college (Autonomus), Vaniyambadi, 22.05.2020 to 24.05.2020.
15. **New Disease Outbreaks**, Institute of Innovation, Thiruvanamalai, held on 30.05.2020.
16. **Recent Advances in Life Science**, PG & Research Department of Biotechnology and Biochemistry, Marudhar Kesari Jain College for Women, Vaniyambadi, 10.06.2020 and 11.06.2020.
17. **“Microbiologist in Everybody”**, Organised by Biocon Academy and Biotechnika info Labs Pvt Ltd, 03 June 2020
18. **Scholarly Resources for Academic Excellence"** organized by IQAC of Islamiah college, Vaniyambadi, 22.01.2021.
19. **"NANOTECHNOLOGY AND CELL LINES"** Marudhar Kesari Jain College for Women, Vaniyambadi, 22.01.2021
20. **RESEARCH METHODOLOGY IN LIFE SCIENCES**, Islamiah college, Vaniyambadi, 16.03.2021.
21. **Digital Transformation of Indian Education**, North Storm academy, 5 June 2020.

22. **National conference on Nucleic acid science and Technology (NCNST2021)**
Organised by CSIR – Institute of Minerals and Materials Technology Bhubaneswar, India, 10 to 13 August 2021
23. “Setting Goals and Priorities” PG & Research Department of Mathematics and ICT Academy, Marudhar Kesari Jain College for Women Vaniyambadi, 25 August 2021.
24. “**National Webinar on Obesity**” Islamiah Women’s Arts and science college, Vaniyambadi, 30 September 2021.
25. **Animal Rights and Research Ethics Symposium**, PG Biotechnology, Loyola College (Autonomous), Chennai, 01 October to 03 October 2021.
26. “**International Virtual Conference on Cancer therapy**” organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 23 October 2021
27. “**Molecular Tools and Techinques in life science**”, organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 27 October 2021.
28. “**National Workshop on IPR parent & design process**” Organized by Islamiah College Autonomous, Vaniyambadi, 2 December 2021
29. “**Workshop on National Education Policy 2020**” organized by IQAC of Islamiah college vaniyambadi in association with HRDC, Aligarh Muslim University, 12.11.2022
30. “**Workshop on Automation in Biochemistry**” organized by Department of Biochemistry, Islamiah college, Vaniyambadi, 30.3.2023.

FACULTY DEVELOPMENT PROGRAMME - ATTENDED

1. **National Level Faculty Development Programme**, Internal Quality Assurance Cell [IQAC], K.M.G. College of Arts & Science, Gudiyattam, Vellore, 08-06-2020 & 09-06-2020.
2. **ICT Tools for E-Content Development**, Department of Computer Science and the Internal Quality Assurance Cell (IQAC), Women’s Christian College, Chennai held on 26th and 29th May 2020.
3. **Outcome based Education & Digital Teaching and Learning**, Internal Quality Assurance Cell (IQAC), Islamiah College (Autonomous), Vaniyambadi, held on 14.06.2020.
4. **Cell Designer**, Department of Biochemistry, Auxilium College (Autonomous), Vellore, in association with the Spoken Tutorial Project, by IIT, Bombay, funded by National

Mission on Educational through ICT, MHRD, Govt. of India held from 25/05/2020 to 31/05/2020.

5. **On learning Management System (MOODLE)**, Sacred Heart College (Autonomous), Tirupattur, 03.06.2020 to 05.06.2020.
6. **Challenges of working from home 2020**, IQAC, Rai University Ahmedabad, India, 12 June 2020
7. **“Intrinsic Motivation Skills”** Organised by IQAC, Islamiah Women’s Arts and Science College, Vaniyambadi, 25 June 2020.
8. **“Dynamics of Charismatic communication”**, Organised by IQAC Islamiah College (Autonomous), Vaniyambadi, 14 June 2021.
9. **“Stem Cells and its Applications”**, PG & Research Department of Biochemistry, Marudhar Kesari Jain College for Women Vaniyambadi, 17 August 2021.
10. **Enhancing and Sustaining Quality of higher Educational insstitution through new accreditation framework of NAAC, (IQAC), Islamiah College (Autonomous), Vaniyambadi, 21October 2021.**
11. **“Publishing Research Articles in Peer Reviewed Journals – A Right approach”**, IQAC Islamiah College (Autonomous), Vaniyambadi, 20 January 2022.
12. **“FDP on hands Training Program For Data Analysis Using IBM SPSS”**, Organised by Islamiah Women’s Arts and Science College, Vaniyambadi, from 07 July 2022 to 30 July 2022.
13. **“Current Trends and Innovation in Biological Sciences”**, Chettinad Academy of Research and Education, Kelambakkam, 22 August to 7 September 2022.

SHORT TERM COURSE/ORIENTATION PROGRAM - ATTENDED

1. **Best Practices in Teaching and Mentoring**, Centre for Honing Academic Skills, Islamiah college (Autonomous), Vaniyambadi, 8th April 2012.
2. **Education Quality Enhancement through ICT**, Internal Quality Assurance Cell (IQAC) Islamiah college (Autonomous), Vaniyambadi, 5th March 2016.
3. **How to teach effectively**, Centre for Academic Leadership and Educational Management (CALEM) under the scheme of Pandit Madan Mohan Malaviya National Mission (PMMMMNMTT), MHRD Govt of India.
4. **Online Teaching Training Programme**, CALEM, MHRD, Aligarh Muslim University, from 25th April 2020 to 01 May 2020.

5. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

ONLINE COURSES - ATTENDED

1. **Pandemic Influenza Vaccines: National Deployment and Vaccination Plans**”, World Health Organization held on 20.04.2020.
2. **Immunization, Wash, Non-Communicable Diseases, Digital Transformation of Indian Education, Food Fortification, Infant and Child feeding, Anaemia, Physical Activity (Yoga), Basic Nutrition, etc**, Poshan Abhiyan, Ministry of women and child development, Govt. of India and ICMR.

CERTIFICATE OF APPRECIATION

1. **Faculty Coordinator, MGNCRE Green Campus initiative**, World Environmental Day, 10 June 2022.
2. Judge for **“De Sales Excel -Science Exhibition”** Organised by St. Francis De Sales, Matric Hr. sec. School, Vaniyambadi, 17 September 2022.
3. JUDGE FOR EXHIBITION **"NATIONAL SCIENCE DAY"** at Khadaria Higher Secondary School, Vaniyambadi, 28.2.2023.
4. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
5. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

D.SUDHA, M.Sc., M.Phil., B.Ed., DMLT.,

Member , Boards of studies in Biochemistry (UG), Thiruvalluvar university 2019-2021

NATIONAL & INTERNATIONAL LEVEL SEMINARS/CONFERENCES- ATTENDED

1. **Recent Approaches in Renal Disease and Marine BioSource**, Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur, 12th September 2014.
2. **Nano medicine And Phototherapy Current Scenario and Future Prospects**, Islamiah college (autonomous) Vaniyambadi, 11&12 March 2015

3. **Natural Products In Health & Diseases**, Sacred Heart College, Tirupattur, 21th Sep 2015.
4. **Emerging Trends In Mammalian Cell Culture**,Islamiah College (Autonomous) Vaniyambadi, 28th Jan-2016
5. **Nano medicine And Stress Management**, Marudhar Kesari Jain College for Women Vaniyambadi
6. **Advance Bioinformatics, Biological Database and Genomics**, Islamiah college (Autonomous) Vaniyambadi, 11-January 2020
7. “Health Lifestyle”, Department of Nutrition, Food Service Management and Dietics, Marudhar Kesari Jain College for Women Vaniyambadi, 03 June 2020.
8. **Recent Advances in Life Science**, PG & Research department of Biotechnology and Biochemistry, Marudhar Kesari Jain College for Women Vaniyambadi, 19.06.2020 to 20.06.2020
9. **Emerging Trends in Energy and Environmental Chemistry**, Department of Chemistry, Marudhar Kesari Jain College for Women Vaniyambadi, 25.06.2020 to 27.06.2020.
10. **Use of online resources in teaching - learning process**, Department of Chemistry, Uka Tarsadia University, Gujarat, through youtube chānnel of Uka Tarsadia University. Dr Ajay Semalty, University SWAYAM Coordinator; HNB Garhwal University (A Central University), Srinagar Garhwal, 20.05.2020.
11. **"NANOTECHNOLOGY AND CELL LINES"** Marudhar Kesari Jain College for Women, Vaniyambadi, 22.01.2021.
12. **“RESEARCH METHODOLOGY IN LIFE SCIENCES”**. Islamiah college, Vaniyambadi, 16.03.2021.
13. **Impact fo COVID-19 and Importance of Vaccine**, PG &Research Department of Biochemistry, Sacred Heart College, Tirupattur, 24 June 2021.
14. **“Unleash Your Career and Financial Potential through Effective Plans”**, PG & Research Department of Commerce, Marudhar Kesari Jain College for Women Vaniyambadi, 25 September 2021.
15. **“Scope of Medical Coding”**, Islamiah Women’s Arts and science college, Vaniyambadi, conducted by Ideal Medical Coding Academy, Coimbatore, 12 October 2021.

16. **“National Webinar on Obesity”** Islamiah Women’s Arts and science college, Vaniyambadi, 30 September 2021.
17. **“Scope of Medical Coding”**, Islamiah Women’s Arts and science college, Vaniyambadi, conducted by Ideal Medical Coding Academy, Coimbatore, 12 October 2021.
18. **“Molecular Tools and Techinques in life science”**, organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 27 October 2021.
19. **“Quality Enhancement and Sustainable Development: Role of academic Libraries” Organised by the Department of Library**, Islamiah Women’s Arts and science college, Vaniyambadi, 17 December 2022.
20. **“Workshop on Automation in Biochemistry”** Organized by Department of Islamiah college, Vaniyambadi, 30.3.2023.
21. Awareness on **“International years of Millets Day Celebration”** organised by Central Bureau of communication on 27 July 2023 to 28 July 2023.
22. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.

FACULTY DEVELOPMENT PROGRAMME – ATTENDED

1. **IQAC – FDP Series**, Dr.R.V Arts and Science College Karamadai, Coimbatore, 14.5.2020 to 16.05.2020.
2. **“Intrinsic Motivation Skills”** Organised by IQAC, Islamiah Women’s Arts and Science College, Vaniyambadi, 25 June 2020.
3. **“Life Skill for Human Well Being”** Organised by IQAC, RBIAMMAL Ahamed Maideen College for Women, Thiruvavarur, 19 June 2021.
4. **“Dynamics of Charismatic communication”** Organised by IQAC Islamiah College (Autonomous), Vaniyambadi, 14 June 2021.
5. **“Research Methodologies- Application of Statistical Tools for Decision Making”, PG & Research Department of Commerce**, Marudhar Kesari Jain College for Women Vaniyambadi, 12 July 2021.

6. **“Stem Cells and its Applications”**, PG & Research Department of Biochemistry, Marudhar Kesari Jain College for Women Vaniyambadi, 17 August 2021.
7. **“Emerging Areas of Modern Research”** Organised by IQAC, Islamiah College (Autonomous), Vaniyambadi, 29 September 2021.
8. **“FDP on hands Training Program For Data Analysis Using IBM SPSS”**, Organised by Islamiah Women’s Arts and Science College, Vaniyambadi, from 07 July 2022 to 30 July 2022.

ORIENTATION COURSE/TRAINING PROGRAM - ATTENDED

1. **How to teach effectively** organized by Centre for Academic Leadership and Educational Management (CALEM) under the scheme of Pandit Madan Mohan Malaviya National Mission (PMMMMNMTT), MHRD Govt of India.
2. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

PAPER PRESENTED

1. **National Conference on “Current Scenario in traditional Medicine” (CSTM-2023)**, PG & Research Department of Biochemistry, KMG College of Arts and Science, Gudiyattam, 31 August 2023. **Topic on "ANTI OXIDANT AND FREE RADICAL SCAVENGING ACTIVITY OF DIFFERENT EXTRACTS OF THREE VARIETIES OF CARISSA CARANDAS FRUITS”**.
2. International Conference on **“Fostering Insights on Health And Disorders- FIHD 2023”** Presented on the Topic LC-MS Metabolite Profiling And the Antioxidant Activity of Carissa Carandas Linn. Fruit Extract.

CERTIFICATE OF APPRECIATION

1. Judge for **“De Sales Excel -Science Exhibition”** Organised by St. Francis De Sales, Matric Hr. sec. School, Vaniyambadi, 17 September 2022.

2. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
3. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

PUBLICATION

1. Nutritional content and Antioxidant properties of Sapota (*Manikara Achrus Forb.*) Fruit varieties published paper in international journal of pharmaceutical science and Research VOL:13(1):2022, 79-85.
2. **"ANTI OXIDANT AND FREE RADICAL SCAVENGING ACTIVITY OF DIFFERENT EXTRACTS OF THREE VARIETIES OF CARISSA CARANDAS FRUITS AND INHIBITION OF DIGESTIVE ENZYMES RELEVANT TO TYPE II DIABESTES MELLITUS"** Published a paper in ISSR – International journal of pharmaceutical science and Research VOL:13(11):1000-11 11 2022

DR. M. SUGANYA, M.Sc., M.Phil., Ph.D.

FACULTY DEVELOPMENT PROGRAMME –ATTENDED

1. **Future of Examination: Bloom’s Taxonomy and Multiple Assessment Tools**, G.T.N. Arts college (Autonomous) Dindigul, 08 June 2020
2. **Outcome Based Education & Digital Teaching and Learning**, Internal Quality Assurance Cell (IQAC) Islamiah college (Autonomous), Vaniyambadi on 14.06.20
3. **All that you wanted about Internet of things**, Mohamed Sathak Hamid college of arts and science for women, Karaikudi, 24.06.2020 to 26.06.2020.
4. **Skill development and Entrepreneurship**: jointly Organised by Entrepreneurship development and Innovation institute, Chennai & Hub, Thiruvalluvar University, Vellore, 20- February-2023 to 22- February-2023.

NATIONAL & INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED

1. **“ISLET CELL TRANSPLANTATION THERAPY”**, Organised by Department of Biochemistry, Food and Nutrition and Chemistry, Islamiah Women’s Arts and Science College, Vaniyambadi, 21ST June 2018.
2. **DNA Barcoding**, Department of Biotechnology, Islamiah College (Autonomous), 22 to 24 May, 2020.
3. **Role of Diet on Immunity**, Department of Biochemistry, Sls.mavam ayira vaisyar college, Madurai, 15 June, 2020.
4. **Recent Advances in life science**, Marudhar Kesari Jain College for Women, Vaniyambadi, 19 June 2020 to 20 June 2020.
5. **Emerging Trends in Energy and Environmental Chemistry**, Department of Chemistry, Marudhar kesari Jain college for women, Vaniyambadi, 25 to 27 June, 2020.
6. **The Future Technologies**, PG & Research Department of CS& CA, Adhiyaman arts and science college for women, Krishangiri, 26 and 27 June, 2020.
7. **Healthy Lifestyle**, Department of Nutrition, food service management and dietetics, Marudhar Kesari Jain College for women, Vaniyambadi, 03 June, 2020.
8. **Reader’s Club** one day state level virtual webinar organised by Reader’s Club Marudhar Kesari Jain College for Women, Vaniyambadi, 06. September 2021.
9. **“Density functional theory for Beginner’s”** Marudhar Kesari Jain College for Women, Vaniyambadi, 08 September 2021.
10. **“Quality Enhancement and Sustainable Development: Role of Academic Libraries”** Islamiah Women’s Arts and Science College, Vaniyambadi, 17 December 2022.
11. **5G Confluence 2022**, Organised by Telecom Sector Skill Council in association with ICT Academy, Chennai, 21 December 2022.
12. Awareness on **“International years of Millets Day Celebration”** organised by Central Bureau of communication on 27 July 2023 to 28 July 2023.
13. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.

CERTIFICATE OF APPRECIATION:

1. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
2. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

SHORT TERM COURSE/ORIETATION PROGRAM - ATTENDED

1. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

PUBLICATION

1. Asian Journal of Chemistry, RAPD Analysis, Synthesis of Zinc oxide nanoparticles derived from Aerva Lanata flower: Characterization and Antimicrobial screening, 31 August 2023.

M.NITHIYA LAKSHMI M.Sc., M.Phil., B.Ed.,

NATIONAL & INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED

2. **“Advanced bioinformatics, biological Data base and Genomics”**, Islamiah College Autonomous, Vaniyambadi, 11 January 2020.
3. **“Treatment and Reclamation methods of Lab Discharge”**, Islamiah College Autonomous, Vaniyambadi, 20 March 2021.
4. **“National Webinar on Obesity”** Islamiah Women’s Arts and science college, Vaniyambadi, 30 September 2021.
5. **“Scope of Medical Coding”**, Islamiah Women’s Arts and science college, Vaniyambadi, conducted by Ideal Medical Coding Academy, Coimbatore, 12 October 2021.

6. **“Molecular Tools and Techniques in life science”**, organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 27 October 2021.
7. **“National Workshop on IPR patent & design process”** Organized by Islamiah College Autonomous, Vaniyambadi, 2 December 2021
8. **“Gut Microbiota in Health and Disease”** Organized by Islamiah College Autonomous, Vaniyambadi, 11 August 2022.
9. **“National Seminar on Recent Trends in Molecular biology (RTMB 2022)”**, PG and Research Department of Biochemistry, KMG College of Arts and Science, Gudiyattam, 29 August 2022.
10. **5G Confluence 2022**, Organised by Telecom Sector Skill Council in association with ICT Academy, Chennai, 21 December 2022.
11. **“Workshop on Automation in Biochemistry”** organized by Department of Biochemistry, Islamiah college (Autonomous), Vaniyambadi, 30.3.2023.
12. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.
13. Awareness on **“International years of Millets Day Celebration”** organised by Central Bureau of communication on 27 July 2023 to 28 July 2023.

CERTIFICATE OF APPRECIATION

1. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
2. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

SHORT TERM COURSE/ORIETATION PROGRAM - ATTENDED

1. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

UNAIZA USMANI B S M.Sc., DMLT.,

FACULTY DEVELOPMENT PROGRAMME –ATTENDED

2. **“How to prepare proposal for Research Project, Minor and Major”**, IQAC, Islamiah Women’s Arts and science college, Vaniyambadi, 02 February 2021.
3. **“Scholarly Resources for Academic Excellence”** organized by IQAC and Department of Library Science of Islamiah college Autonomous, Vaniyambadi, 17 December 2022.
4. **“5 Days National Level Onlin Teachers Training Programme”** association of Muslim professionals in collaboration with maulana Azad university, jodhpur, 2 October to 06 October 2023.
5. **“Development of Antibody-Based Theragnostic Radiopharmaceutical for Triple Negative Breast Cancer”** Auxilium college Autonomous, 17 August 2023

NATIONAL & INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED

1. **“Survival or happiness”** ICT Academy, Chennai, 15 January 2021.
2. **“Molecular Tools and Techniques in life science”**, organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 27 October 2021.
3. **“Remembering the Nightingale of India”** Vivekanandha arts and science college, Salem, on account of National Women’s Day, 13 February 2021.
4. **“Medicinal Plants and its Applications”**, Organised by Department of Biotechnology Islamiah college Autonomous, Vaniyambadi, 15 March 2021.
5. **“Online quiz”**, organized by Ambur Express, 13 August 2021 & 14 August 2021.
6. **“National webinar on obesity”** Islamiah Women’s Arts and science college, Vaniyambadi, 30 September 2021.
7. **“Scope of Medical Coding”**, Islamiah Women’s Arts and science college, Vaniyambadi, conducted by Ideal Medical Coding Academy, Coimbatore, 12 October 2021.
8. **“International Virtual Conference on Cancer therapy”** organized by Department of Biochemistry, Foods and Nutrition, Chemistry and Zoology, Islamiah Women’s Arts and science college, Vaniyambadi, 23 October 2021

9. **“National Epilepsy Day”**, Vivekananda arts and science college, Salem, 17 November 2021
10. **“National Workshop on IPR patent & design process”** Organized by Islamiah College Autonomous, Vaniyambadi, 2 December 2021
11. **“Molecular Basis of Cancer & Liver Disease”** Organized by Islamiah College Autonomous, Vaniyambadi, 24 December 2021
12. **“National Seminar on Recent Trends in Molecular biology (RTMB 2022)”**, PG and Research Department of Biochemistry, KMG College of Arts and Science, Gudiyattam, 29 August 2022
13. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.
14. Awareness on **“International years of Millets Day Celebration”** organised by Central Bureau of communication on 27 July 2023 to 28 July 2023.
15. **“Chat GPT for research writing assistance”** organized by Nuhianwali education society, Haryana, 04 January to 06 January 2024.

CERTIFICATE OF APPRECIATION

1. **“Adjudication Member”**, in the Events of **FIMZOO 2023**, C. Abdul Hakeem College (Autonomous), Melvisharam, Ranipet, 18 February 2023.
2. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
3. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.
4. **“Adjudication Member”**, in the Events of **FIMZOO 2024**, C. Abdul Hakeem College (Autonomous), Melvisharam, Ranipet.

SHORT TERM COURSE/ORIETATION PROGRAM - ATTENDED

1. NPTEL Online Certification, **“Research Methodology”** (Funded by the MoE, Govt. of India), Indian Institute of Technology Madras, from August-October 2023.

2. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

SORNALATHA.B M.Sc., DMLT.,

FACULTY DEVELOPMENT PROGRAMME –ATTENDED

1. **“International Regulatory Requirements for Good Manufacturing Practices”**, Naan Mudhalvan Program, Thiruvalluvar University, 17 July 2023 to 21 July 2023.
2. **“Creative thinking”** Conducted by ICT Academy, KMG College of Arts and Science, Gudiyattam, 06 November to 08 November 2023.
3. **“Bioinformatics”** Naan Mudhalvan Program, Thiruvalluvar University, 08 January to 12 January 2023

NATIONAL & INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED

1. **“National Workshop Cum Hands On Training On ‘Animal Cell Culture: Basic To Applied Aspects”** organized by PG and Research Department of Biotechnology, Islamiah college, Vaniyambadi, 23.2.2023.
2. Awareness on **“International years of Millets Day Celebration”** organised by Central Bureau of communication on 27 July 2023 to 28 July 2023.
3. **National Conference on “Current Scenario in traditional Medicine”** (CSTM-2023), PG & Research Department of Biochemistry, KMG College of Arts and Science, Gudiyattam, 31 August 2023.
4. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.

CERTIFICATE OF APPRECIATION

1. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
2. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

SHORT TERM COURSE/ORIETATION PROGRAM - ATTENDED

1. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

S. VARALAKSHMI M.Sc., M.Phil.,

NATIONAL & INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED

1. **National Conference on “Current Scenario in traditional Medicine”** (CSTM-2023), PG & Research Department of Biochemistry, KMG College of Arts and Science, Gudiyattam, 31 August 2023.
2. **“Hands on Training on FTIR, UPLC, HPLC, GC, AAS, UV-VIS, Spectrophotometer, Pharmaceutical & Microbial Techniques”**, Ideal Analytical and Research Institution, Analytical Training Centre, (Government Approved Laboratory), Villianur, 10 October 2023.

CERTIFICATE OF APPRECIATION

1. **“Free eye camp”**, Aravind Eye Hospital, Chennai, conducted in association with, Islamiah Women’s Arts and science college, Vaniyambadi, 13 August 2023.
2. **“Mega Screening Camp”**, conducted by the Madras Medical Mission, Chennai, at Islamiah Women’s Arts and science college, Vaniyambadi, 20 January 2024.

SHORT TERM COURSE/ORIETATION PROGRAM - ATTENDED

1. **NEP-2020** Orientation Programme on the theme: Skill development under Malavyai Mission Teacher Training Programme (MM-TTP), CALEM, MHRD, Alligarh Muslim University from 20 December to 29 December 2023.

