



**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  
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## **PG AND RESEARCH DEPARTMENT OF MATHEMATICS**

### **STAFF ACHIEVEMENTS**

**Dr.L.JAGADEESWARI, M.Sc.,M.Phil.,B.Ed.Ph.D.,**

### **PAPER PUBLICATIONS**

- [1] **Mandelbrot, Julia Set and the Graph of the Fractal Dimensions of Julia Set** at roots international journal of multidisciplinary researches – ISSN: 2349-8684
- [2] **Fuzzy Logic In Financial And Risk Management** at Shan lax international journal of Commerce – ISSN: 2320-4168
- [3] Jagadeeswari, L., Sudhakar, V.J., (2022), **Self-centered bipolar interval valued neutrosophic graph, International Conference** on Advances in Materials, Computing and Communication Technologies, AIP Conf. Proc. 2385, ISSN: 9780 7354 - 4161-3, pp. 130051 : 1 – 4.
- [4] Jagadeeswari, L., Sudhakar, V.J., (2021), **Bipolar interval valued signed neutrosophic graphs, Malaya Journal of Matematik**, 9 (1), ISSN- E: 2321-5666., ISSN-P: 2319-3786, pp. 1086 – 1094.
- [5] Jagadeeswari, L., Sudhakar, V.J., (2021), **Operations on bipolar interval valued neutrosophic graphs, Malaya Journal of Matematik**, 9 (1), ISSN- E: 2321-5666., ISSN-P: 2319-3786, pp. 630 – 642.
- [6] Jagadeeswari, L., Sudhakar, V.J., (2021), **Certain Kinds of bipolar interval valued eutrosophic graphs**, International Journal of Neutrosophic Science, 16 (1), ISSN:

### **PAPER PRESENTATION**

- [1] **6th BIENNIAL INTER NATIONAL GROUP THEORY CONFERENCE-2021 - (A Virtual Conference)**, Department of Mathematics, School of Advanced sciences VIT UNIVERSITY, Vellore. In association with Department of Pure Mathematics, Faculty of Mathematical sciences FIRDOWSI UNIVERSITY OF MASHAD, MASHAD, IRAN, 4 Mar 2021 to 6 Mar 2021.

## **NATIONAL & INTERNATIONAL LEVEL SEMINARS/CONFERENCES - ATTENDED**

[1] **Intuitionistic Fuzzy Sets & Application**, Islamiah College(Autonomous)10<sup>th</sup>Jan2018

[2] **Immersive Education with VR/AR**,The Centre for VR/AR, Department of Multimedia,VIT, Vellore,and 25th June 2020

[3] **Pure and Applied Mathematics**, PG and Research Department of Mathematics, ST. Xavier's College (Autonomous) Palayamkottai from 23<sup>rd</sup> June 2020 to 24<sup>th</sup> June2020.

[4] **Innovative Challenges in Multi -Disciplinary Research and Practices** Attended Hindustan College of Arts & Sciences from15<sup>th</sup> June2020 to 19<sup>th</sup> June 2020.

[5] **Innovative Challenges in Multidisciplinary Research and Practices** by Hindustan College of Arts and Science Coimbatore, Tamil Nadu ,15June 2020.

[6] **Pure And Applied Mathematics**, by St Xaviers college Palayamkottai, Tamil Nadu, 23 June 2020 to 24 June 2020 .

[7] **Immersive Education with VR/AR**, by Vellore Institute of Technology, Vellore, Tamil Nadu,25 June 2020 .

[8] **EQ,SQ,HQ and value based learning : Relook on Educational system** by St Aloysius Institute of Technology Jabalpur, 9 July 2020 to 11 July 2020.

[9] **Mathematical and computational models - ICMCM21** , Mathematics Bannari Amman institute of technology ,Coimbatore,29 Oct 2021 to 30 Oct 2021.

[10] **International conference on "Computing and Communication technologies"**,AnnaiVailankanni College Engineering, ,kanyakumari, 9 Dec 2021 to 10 Dec 2021.

## **FACULTYDEVELOPMENTPROGRAMME– ATTENDED**

[1] **Young Supervisor in Plagiarism free Research Report Writing**, Thiruvalluvar University Vellore, 08<sup>th</sup> FEB 2020

[2] **E- Governance Culture: Transformation In Higher Education Stakeholders UX**, Association of principles of Colleges of Bharathiyar University and Hindustan College of Arts & Science, Coimbatore, 26<sup>th</sup> June 2020.

[3] **Higher Education in New Norm: How to Cater' For Students 'needs And Enjoy Great Benefits?**, Association of Principals of Colleges of Bharathiyar University and Hindustan College of Arts and Science, Coimbatoure, Tamilnadu 22<sup>nd</sup> June 2020.

[4] **Online Faculty Development Programme**, DKM College for Women's in Association with Spoken Tutorial project IIT Bombay from 30<sup>th</sup> April 2020 to 4<sup>th</sup> May 2020.

[5] **Evolution from Offline to Online Teaching**, Satish Pradhan Dnyana sadhana College, Thane, Internal Quality Assurance Cell and Faculty Development programme Committee in Association with "Department of information technology university of Mumbai, Yashwantra ochavan Maharashtra Open University, Mumbai Regional Centre and Microsoft from 30<sup>th</sup> May 2020 to 3<sup>rd</sup> June 2020.

[6] **R-Language**, Attended PG and Research Department of Mathematics, Auxilium College (Autonomous), Vellore in Collaboration with Spoken-Tutorial project IIT Bombay, from 13<sup>th</sup> May 2020 to 20<sup>th</sup> May 2020.

[7] **Recent Research Directions in Mathematics**, Department of Mathematics, Kongu Engineering College, Perundurai, Erode, 9<sup>th</sup> June 2020 to 12<sup>th</sup> June 2020.

[8] **21<sup>st</sup> Century Teaching Skills**, Department of Information Technology, Mohamed Sathak Hamid College of Arts and Science for Women, 7<sup>th</sup> June 2020 to 19<sup>th</sup> June 2020.

[9] **IQAC-FDP Series**, Dr.R.V.Arts and Science College, 14<sup>th</sup> May 2020 to 16<sup>th</sup> May 2020.

[10] **Recent Research Directions in Mathematics** by the Department of Mathematics Kongu Engineering College, ( Autonomous) , Erode Tamil Nadu, 9 June 2020 to 12 June 2020.

[11] **Outcome Based Education & Digital Teaching and Learning** by Islamiah College (Autonomous), Vaniyambadi, Tamil Nadu, 14 June 2020.

[12] **Advanced Material Research** by Bharat Institute of Engineering and Technology Telungana and Indian ceramic society , 15 June 2020.

[13] **21<sup>st</sup> Century Teaching Skills** by Mohamed , 17 June 2020 to 19 June 2020.

[14] **Discover MOODLE site & Teach with GNOMIO** by Islamiah Women's Arts and Science college, Vaniyambadi, Tamil Nadu, 20 June 2020.

[15] **Higher Education in New NORM: How to Cater Students' Needs and Enjoy Great Benefits** by Hindustan College of Arts and Science Coimbatore, Tamil Nadu , 22 June 2020.

- [16] **“E-governance Culture: Transformation in Higher Education Stakeholders UX**, by Association of Principals of colleges of Bharathiar University and Hindustan College of Arts and Science Coimbatore, Tamil Nadu , 26 June 2020.
- [17] **Online Teaching tools**, by IQAC Islamiah women’s arts and science college , vaniyambadi, Tamil Nadu, 1 July 2020.
- [18] **ASTUTE-EFFLUX trends in Mathematics** by SNS College of Engineering Coimbatore , 2 July 2020 to 7 July 2020.
- [19] **Appraisal of Mathematics Learning Outcomes in Cybergohy Environment**, by Arul Anandar college (Autonomous) Madurai, 15 July 2020 to 17 July 2020.
- [20] **Mathematical Sciences** by VIGNAN’S (Deemed to be University) Guntur, Andrapradesh, 18 July 2020 to 24 July 2020.
- [21] **Tools for Online Teaching, Learning, and Evaluation**, by RBVRR Women’s college(Autonomous), Hyderabad, 20 July 2020 to 24 July 2020.
- [22] **Digital Tools For Researchers and ICT online tools in teaching**, by Hindustan College of Arts and Science Coimbatore, Tamil Nadu, 20 July 2020 to 24 July 2020.
- [23] **Orienting Applications & conceptualized Aspects of Sciences & Humanities** by Balaji Institute of Technology & Science, Warangal, Telangana, 21 July 2020 to 25 July 2020.
- [24] **Mathematical Modelling and Applications**, by RMK College of Engineering and Technology ,Chennai, , 27 July 2020 to 28 July 2020.
- [25] **Recent Advances in Mathematics & Statistics** by GITAM (Deemed to be University, Visakhapatnam, Andhra Pradesh, 3 Aug 2020 to 8 Aug 2020.
- [26] **Faculty Enrichment Program** Islamiah college & Vaniyambadi, 14 June 2021.
- [27] **National level Faculty development program "NAAC New Guidelines and important of IQAC in post Covid time for Affiliated Colleges"** IQAC, K.M.G College of arts and science & Gudiyattam, 29 July 2021 to 31 July 2021.
- [28] **Quality Enhancement and Sustenance in Teaching and Learning**, IQAC Islamiah College , Vaniyambadi, 2 Sep 2020.

## **NATIONAL&INTERNATIONALLEVELWEBINARS/WORKSHOPS- ATTENDED**

- [1] **Emerging Trends in Graph Theory**, PG & Research Department of Mathematics, Sacred Heart College (Autonomous), from 14<sup>th</sup> June 2020 to 16<sup>th</sup> June 2020.
- [2] **Covid-19 Pandemic And Its Impact On Indians Health Care System**, Faculty Of Management Studies, Noorule Islam Centre for Higher Education Deemed to be University, Kumaracoil, 25<sup>th</sup> June 2020.
- [3] **Differential Transforms and Series Solutions of Non - Darcy Momentum Equation**, Department of Mathematics, KPR Institute of Engineering and Technology, 25<sup>th</sup> June 2020 to 26<sup>th</sup> June 2020.
- [4] **Impact of Novel Corona Virus Covid-19 Technical Guidance Infection Prevention and Control**, Department of Science and humanities of Hindustan College of Engineering and Technology, Coimbatore, 26<sup>th</sup> June 2020.
- [5] **Basic Author Workshop Research Article Writing and Reference Management using Mendeley**, The faculty of Science, Annamalai university in Coimbatore with Elsevier, 2<sup>nd</sup> June 2020
- [6] **Topology for Young Researcher**, Department of Mathematics, Muthayammal College of Arts and Science, Rasipuram, 24<sup>th</sup> June 2020
- [7] **Fostering Inter disciplinary Research In Applied Sciences**, Department of Mathematics, Periyar Govt Arts and Science College Kuddalore, Tamilnadu, 19 June 2020 to 20 June 2020
- [8] **Development In Mathematics and Its Application**, Department of Mathematics, GITAM Institute of Sciences in collaboration with Uttara Andhra society for Mathematical Science (UASMS) and Prof S. Meenakshi Sundharam Memorial society (SMSMS) Visagapattinam on 20<sup>th</sup> June 2020.
- [9] **Impacts of Machine Learning on IOT**, Department of Electronics and communication Engineering, SCAD College of Engineering & Technology, 17<sup>th</sup> June 2020.
- [10] **Theory of Graphs-an Emerging Field of Research**, PG and research Department of Mathematics, Thiagarajan College, Madurai, on 20<sup>th</sup> June 2020
- [11] **Online Tools for Higher Education in Digital Era**, Internal Quality Assurance Cell, GOVT First grade College, Vijaypur 13 June 2020.

- [12]The Collaborative National webinar conducted by Dr.R.V Arts and science college, Coimbatore, 5 June 2020 to 6 June 2020.
- [13] **On Chromatic Numbers and its Applications** by Kongu Arts and Science College (Autonomous) , Coimbatore Tamil Nadu ,8 June 2020.
- [14] **Graphs From Commutative Rings**, Department of Mathematics Presidency College , Chennai Tamil Nadu, 10 June 2020.
- [15] **Panic in the time of Pandemic** by Islamiah Women's Arts and Science College , Vaniyambadi, Tamil Nadu, 13 June 2020.
- [16] **Online tools for Higher Education in Digital Era**, Government First Grade College, Vijayapur, Karnataka, 13 June 2020.
- [17] **Emerging Trends in Graph Theory** by PG and Research Department of Mathematics, Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu,14 June 2020.
- Impacts of Machine Learning on IOT organized by SCAD College of Engineering and Technology, Tirunelveli, 17 June 2020.
- [18] **Theory of Graphs-An Emerging Field of Research** by Thiagarajar college (Autonomous) Madurai, Tamil Nadu, 20 June 2020.
- [19]**Recent Developments in Mathematics and its Applications** by GITAM Institute of Sciences in Collaboration with UtraAndra society for Mathematical sciences (UASAMS) Visakhapatnam, 20 June 2020.
- [20] **The Secret of Long and Happy Life** by Islamiah Women's Arts and Science college, Vaniyambadi, Tamil Nadu, 22 June 2020.
- [21] **Marketing in current scenario** by Islamiah Women's Arts and Science college, Vaniyambadi, Tamil Nadu, 23 June 2020.
- [22] **Student Empowerment Webinar on Advanced DBMS** by Marwadi University ,Rajkot, 23 June 2020.
- [23] **Topology For Young Researcher** by Department of Mathematics , Muthayammal college of Arts and Science , Rasipuram, Tamil Nadu, 24 June 2020.
- [24] **Silver jubilee International Webinar on Covid -19 pandemic and its impact on India's Healthcare system** by Noorul Islam Centre for Higher Education (Deemed to be University), KanyakumariDist, Tamil Nadu, 25 June 2020.
- [25] **Differential Transforms and series solutions of Non-Darcy momentum equation** by Department of Mathematics, KPR Institute of Engineering And Technology, Coimbatore, 25 June 2020 to 26 June 2020 .

- [26] **Impact of Novel Corona Virus Technical Guidance: Infection, Prevention and Control** by Hindustan College of Engineering and technology, Coimbatore, Tamil Nadu ,26 June 2020 .
- [27] **Block chain Technology** by IQAC Islamiah Women's Arts and Science College, Vaniyambadi, Tamil Nadu, 27 June 2020 .
- [28] **An Overview of Research Ethics & Plagiarism Issues**, by Raja Balwantsingh Engineering Technical campus, Bichpuri, Agra (Uttar Pradesh), 3 July 2020.
- [29] **Career Advancement Scheme (CAS) for Promotion of Teachers & Filling API forms**, by NevjabaiHitkarini college, Bramhapuri, in Association with Gondwana University Gadchiroli, 3 July 2020.
- [30] **Changing Dynamics of Higher Education in India : Role of ICT jointly** by Guru AngadDev Teaching Learning Centre, Khalsa College, University of Delhi ,7 July 2020.
- [31] **Professional Development through Action Research** ,DehatVikas Institute of Education & Technology, Tigaon, Faridabad, Hariyana, 9 July 2020.
- [32] **Become an Entrepreneur in Financial Markets**, by Islamiah Women's Arts and Science College , Vaniyambadi, Tamil Nadu, 13 July 2020.
- [33] **Python Basics for Data Analysis** , by Mohamed Sathak Hamid college of Arts and Science for Women, Ramanathapuram,13 July 2020.
- [34] **Media Narrative during COVID -19 pandemic** by University college of Arts and Social Science, Osmania University, 14 July 2020.
- [35] **Data Analysis Using R** , by Guru Nanak College (Autonomous) , Chennai,17 July 2020.
- [36] **Business Decision Making using Quantitative Methods** by Nehru Institute of Technology, Coimbatore,17 July 2020.
- [37] **Role of IQAC in innovative Teaching pedagogy & Quality Sustenance in the Post Covid-19Scenario**, by Indian Academy Degree college- Autonomous, 18 July 2020.
- [38] **Measurement and Scaling Techniques**, by ShriVaishnavVidyapeethVishwavidyalaya, Indore, 19 July 2020.
- [39] **Monte Carlo Simulations with Microsoft Excel And Solver** by Keshav Memorial Institute of Commerce and sciences, Hyderabad, 22 July 2020.
- [40] **Complex Analysis involving Quantum Calculus** , by Guru Nanak College (Autonomous) , Chennai,24 July 2020.
- [41] **Fundamentals of Applied Mathematics**, by Selvamm Arts and Science college(Autonomous), Namakkal, Tamil Nadu,27 July 2020.

- [42] **Mathematical Modelling and Applications**, by RMK College of Engineering and Technology ,Chennai, 27 July 2020 to 28 July 2020.
- [43] **How to Handle Mathematical Lectures using Online Technological Tools** by Guru Nanak College (Autonomous) , Chennai, 5 Sep 2020.
- [44] **Webinar** on Build a career in Management (CAT,XAT,MAT)Hindustan college at Engineering and technology ,19 June 2021
- [45] **National webinar** on How to Handle Mathematical Lectures using Online Guru Nanak College (Autonomous)& Chennai ,4 Mar 2021 to 6 Mar 2021.
- [46] **Blended Learning**, SNDT Women's University, Mumbai,13 June 2020.
- [47] **Basic Author Workshop Research Article Writing &Reference Management Using Mendeley** by the Faculty of science, Annamalai University in collaboration with ELSEVIER , 22 June 2020.
- [48] **SKILL DEVELOPMENT THROUGH MATHEMATICS** by St Aloysius Institute of Technology Jabalpur, 22June 2020 to 24 June 2020.
- [49] **Effective Communication and Professional Development** by Teachers Training College, Bhagalpur, Bihar, 29 June 2020 to 30 June 2020.
- [50] **Innovation and Intellectual Property Rights Filling** by Dr,B R Ambedkar National Institute Of Technology, Jalandar, Punjab, 1 July 2020.
- [51] **Learning Management System & E-content Development tools** by Bharathiar University and Hindustan College of Arts and Science Coimbatore, Tamil Nadu, 1 July 2020 to 8 July 2020.

## **SHORTTERMCOURSES-ATTENDED**

- [1] **HowtoTeach Effectively**, MHRD-Aligarh Muslim University, 2May2016 to 9May2016.
- [2]**Educational Management**, MHRD-Aligarh Muslim University, 23 August 2017 to 29August 2017.
- [3] **Leadership Quality**,MHRD-Aligarh Muslim University, 13Feb2018to19 Feb 2018.
- [4] **Online Teaching Training Program**, MHRD-Aligarh Muslim university, from 25 April 2020 to 01 May2020.



**[5] MATLAB and MATHEMATICA for scientific Research** Arul Anandar

College(Autonomous), Madurai, 27 July 2020 to 29 July 2020.

**[6] Online course on Graph Theory** in Udemy platform, 1 Dec 2021.

**[7] A course on Academic research and report writing** successfully completed and received SWAYAM certificates, 21 Feb 2022.

**[8] A course on “ Research Ethics “**successfully completed and received SWAYAM certificates, 21 Feb 2024.

**Ms.A.HEMAVATHY,M.Sc.,M.Phil.,**

### **WORKSHOP- ATTENDED**

**[1] MATLAB Workshop at VIT University on National Science Day**, Academic year 2015-2016.

### **NATIONAL & INTERNATIONAL WEBINARS- ATTENDED:**

**[1] The Theory Of Uncertainty And Its Applications**, Islamiah Women's Arts And Science College, Vaniyambadi, 27 October 2021.

**[2] Number Theory And Its Applications**, Islamiah Women's Arts And Science College, Vaniyambadi, 01 November 2021.

### **SHORT TERM COURSE – ATTENDED:**

**[1] How to Teach Effectively**, MHRD- Aligarh Muslim University, 3 May 2016 to 9 May 2016.

**[2] Leadership Quality**, MHRD -Aligarh Muslim University, 13 Feb 2018 to 19 Feb 2018.

**[3] Online Teaching Training Program**, MHRD - Aligarh Muslim University, from 25 April 2020 to 01 May 2020.

**[4] NEP 2020- Orientation Programme on Skill Development** Under Malaviya Mission Teacher Training Programme, Aligarh Muslim University, from 20 Dec to 29 Dec 2023.

**[5] NEP 2020- Orientation Programme on Orientation and Sensitization** under Malaviya Mission Teacher Training Programme, Aligarh Muslim University from 13 March to 14 March 2024.

## **FACULTY DEVELOPMENT PROGRAM – ATTENDED :**

[1]**Five Day Faculty Development Program**,Islamiah Women's Arts And Science College, Vaniyambadi, 9 March 2019 to 14 March 2019.

[2]**Hands on Training Program for Data Analysis Using IBM SPSS**, Islamiah Women's Arts And Science College,Vaniyambadi, from 07 July 2022 to 30 July 2022.

## **STATE, NATIONAL&INTERNATIONALSEMINAR/CONFERENCE- ATTENDED:**

[1] **Recent Trends in Applied Mathematics**, Islamiah Women's College, Vaniyambadi, 10 March 2015.

[2]**Recent Trends in Pure and Applied Mathematics**,Islamiah Women's College, Vaniyambadi, 29 September 2015.

[3] **Pure And Applied Mathematics**, Islamiah Women's College, Vaniyambadi, 28 September 2016.

[4]**Application of Set Theory**, Islamiah Women College,Vaniyambadi, 6 October 2017.

[5] **Mathematical Applications**, Islamiah Women College,Vaniyambadi, 10 January 2018.

[6]**Quality Enhancement and Sustainable Development – Role of Academic Libraries**, Islamiah Women's Arts And Science College, Vaniyambadi, 17 December 2022.

## **CERTIFICATE COURSE- ATTENDED:**

[1]**LATEX**, Islamiah Women's Art's and Science College, Vaniyambadi, from 3 March 2019 to 5 March 2019.

**Ms.M.UMA,M.Sc.,M.Phil.,B.Ed., PGDCA.,**

## **NATIONAL&INTERNATIONALLEVELSEMINARS/CONFERENCES– ATTENDED**

[1] **Mathematical Science and Its Applications**, PG Department of Mathematics, Thiruvalluvar University College of Arts and Science, Thirupattur. March 2018

[2] **Intuitionistic Fuzzy Sets and Application**,PGandResearchDepartmentofMathematics, IslamiahCollegeAutonomous, Vaniyambadi,Jan2018

- [3] Fuzzy Numbers and their Applications**, PG & Research Department of Mathematics, K.M.G. College of Arts and Science, October 2019.
- [4] Emotional Management**, Rajaram College, Kolhapur, 13 June 2020.
- [5] Employability Skills For The Future**, Islamiah Women's Arts And Science College, Vaniyambadi, 18 June, 2020.
- [6] Skill Development Through Mathematics**, St. Aloysius Institute Of Technology, Gauraiyaghat, 22 June 2020 To 24 June 2020.
- [7] Recent Advance In Mathematics**, Sacred Heart College, 9 April 2021 To 10 April 2021.
- [8] Orientation Cum Workshop On Agencies For Educational Training And Research**, 21 Sep 2022.
- [9] Online Workshop On Nep 2020 Implementation**, Islamiah College (Autonomous), Vaniyambadi, 13 March 2022 to 14 March 2022.
- [10] Online Workshop On Nep 2020 Implementation**, Islamiah College (Autonomous), Vaniyambadi, 20 December 2023 to 29 December 2023.

## **FACULTY DEVELOPMENT PROGRAMME – ATTENDED**

- [1] R-Language**, PG and Research Department of Mathematics, Auxilium College (Autonomous), Vellore in Collaboration with Spoken-Tutorial project IIT Bombay, 13 May 2020 to 20 May 2020.
- [2] Python 3.4.3 Training Program**, SRM Institute of Science and Technology, Ramapuram Campus Chennai, on 29.5.2020.
- [3] The Relevance And Application Of Mathematical Economics And Econometrics**, Anjuman-I-Islam's Akbar Peerbhoy College Of Commerce And Economics, 16 June 2020.
- [4] Outcome Based Education & Digital Teaching And Learning**, Islamiah College (Autonomous), Vaniyambadi, 14 June 2020.
- [5] Discover Moodle Site And Teach With Gnomid**, Islamiah Women's Arts And Science College, Vaniyambadi, 20 June 2020.
- [6] Pedagogical Tools For Effective Online Teaching**, Islamiah Women's Arts And Science College, Vaniyambadi, 29 June To 30 June 2020.
- [7] Application Of Mathematics And Engineering**, Kpr Institute Of Engineering And Technology (Autonomous), 20 July 2020 To 25 July 2020.

**[8] Ugc Net/Set Coaching Class**, Islamiah Ccollege (Autonomous), Vaniyambadi 27 July 2020 To 29 July 2020.

**[9] How To Prepare Proposals For Research Projects Minor & Major**, Islamiah Women's Arts And Science College, Vaniyambadi, 2 Feb 2021.

**[10] Faculty Enrichment Program**, Islamiah College, Vaniyambadi, 14 June 2020.

**[11] National Level Faculty Development Program "Nacc New Guidelines And Important Of IQAC In Post Covid Time For Affiliated Colleges"** Iqac, K.M.G College Of Arts And Science & Gudiyattam, 29 July 2021 To 31 July 2021.

**[12] How To Prepare Proposals Research Project Minor Major**, Islamiah Women's Arts And Science College & Vaniyambadi 2 Feb 2021.

**[13] Five Day National Level FDP On Recent Advances In Mathematics**, 08 Aug 2022 To 12 Aug 2022.

#### **NATIONAL&INTERNATIONALLEVELWEBINARS/WORKSHOPS-ATTENDED**

**[1] Collaborative National Webinar**, The Department of Computer Science and Department of Bio-Technology, Dr.R.V.Arts and Science College, Karamadai, 5.6.2020 and 6.6.2020.

**[2] Coloring of Graphs**, Department of As&H Mathematics, Thirumala Engineering College, Andhra Pradesh, 26.6.2020.

**[3] Laplace Transform and Its Applications**, Department of H&S (Engineering Mathematics), Malla Reddy Institute of Technology and Science, 22.6.2020

**[4] National Science Day**, PG & Research Department of Mathematics, attended VIT University, Vellore, Feb 2015.

**[5] National Science Day**, PG & Research Department of Mathematics, attended VIT University, Vellore, Feb 2016.

**[6] Collaborative National Webinar**, Dr.R.V Arts & Science College, Karamadai, Coimbatore, 5 June 2020 To 6 June 2020.

**[7] Green Marketing**, Islamiah Women's Arts And Science College, Vaniyambadi On 9 June 2020.

**[8] Preparation Starategy For Csir-Net-2020**, Dr.N.G.P.Institute Of Technology, 12 June 2020.

**[9] Panic In The Time Of Pandemic**, Islamiah Women's Arts And Science College, 13 June 2020.

**[10] Similarity Measure In Fuzzy Numbers And Itsapplications**, Dr.N.G.P.Institute Of Technology, 13 June 2020.

**[11] Product And Duffusion Theory**, Islamiah Women's Arts And Science College, Vaniyambadi, 17 June 2020.

**[12] Intellectual Property Rights** , Islamiah Women's Arts And Science College, Vaniyambadi, 14 June 2020.

**[13] Outcome Based Education Through Blooms Taxonomy:Stepping Up The Learning Domain**, Rathinam College Of Arts & Science, Coimbatore, 19 June 2020.

**[14] Naac Autonomous Colleges Accreditation Process**, Rathinam College Of Arts & Science, Coimbatore, 21 June 2020.

**[15] Laplace Transform And Its Applications** ,Malla Reddy Institute Of Technology And Science , 22 June 2020.

**[16] Ikigai-“The Secret Of Long Happy Life**, Islamiah Women's Arts And Science College, Vaniyambadi, 22 June 2020.

**[17] Fuzzy System And Graph Theory**, Holy Cross College (Autonomous), Nagercoil From 17 June 2020 To 18 June 2020.

**[18] Topology For Young Researcher**, College Of Arts And Science, Rasipurammuthammaz, 24 June 2020.

**[19] Universal Goal Setting Secrets**, Bunts Sangha's Arathi Shashikiran Shetty Junior College , 13 June 2020.

- [20] **Intrinsic Motivation Skills**, Islamiah Women's Arts And Science College, 25 June 2020.
- [21] **Marketing In Current Scenario**, Islamiah Women's Arts And Science College, Vaniyambadi, 23 June 2020.
- [22] **Colouring Of Graphs**, Thirumala Engineering College, Andhra Pradesh, 26 June 2020.
- [23] **Recent Trends In Data Science**, G.Venkataswamy Naidu College, Kovilpatti, 2 July 2020.
- [24] **Graph Theory And Its Application**, Islamiah Women's Arts And Science College, Vaniyambadi From 2 July 2020 To 3 July 2020.
- [25] **Application Of Mathematics**, Kpr Institute Of Engineering And Technology, 6 July 2020 To 11 July 2020.
- [26] **Linear Regression Model In Machine Learning**, Sri Eahwar College Of Engineering, Coimbatore, 14 July 2020.
- [27] **Cyber Ethics And Youth Relationships**, St. Albert's College (Autonomous), 13 July 2020.
- [28] **Application Of Statistics**, Sri Ramakrishna College Of Arts And Science, Coimbatore, 29 June 2020.
- [29] **Post Covid Effects And Challenges On The Field Of Education**, Susana Methodist Girls B.Ed. College And Physics Education Foundation Of India, 7 July 2020 To 8 July 2020.
- [30] **Fundamentals Of Applied Mathematics**, Selvamm Arts & Science College (Autonomous), Namakkal, Tamil Nadu, 27 July 2020.
- [31] **Mathematics-A Tool For Engineering And Technology**, New Prince Shri Bhavani Arts And Science College, Medavakkam, 31 July 2020.
- [32] **Webinar On Build A Career In Management (Cat, Xat, Mat)** Hindustan College At Engineering And Technology, 19 June 2021.

## **SHORTTERMCOURSES-ATTENDED**

[1] **Howto TeachEffectively**, MHRDAligarhMuslim University, 2May2016 to9 May2016.

[2] **EducationalManagement**,MHRDAligarhMuslimUniversity,23August2017to29August 2017.

[3] **Online Teaching Training Program**, MHRD-Aligarh Muslim university, from 25 April 2020 to 01 May2020.

**Ms.N.Shazia Saqulain M.Sc.,M.Phil.,**

## **PUBLICATIONS**

[1] **Publishing Research Articles In Peer Reviewed Journals - A Right Approach** On25 Jan 2022.

[2] **International Journal of Research and Analytical Review**, Dec 2022

## **NATIONAL&INTERNATIONALLEVELWEBINARS/WORKSHOPS-ATTENDED**

[1] **Orientation Cum Workshop** On Agencies For Educational Training And Research ,21 Sep 2022.

[2]**Online Workshop On Nep 2020 Implementation**, Islamiah College & Vaniyambadi From13 March 2023 To 14 March 2023.

## **FACULTYDEVELOPMENTPROGRAMME–ATTENDED**

[1] **Faculty Development Program** On Hands On Training Program For Data Analysis Using **IBM SPSS**, Islamiah Women's Arts And Science College,Vaniyambadi From 7 July 2022 To 30 July 2022.

## **CERTIFICATE OF APPRECIATION**

[1] Certificate from NSE Academy and Govt. of Tamilnadu for Coordinating as SPOC for Naan Mudhalvan Course for the institution, June 2023.

## **GUEST AND JUDGE**

[1] Invited as Guest and Judge by Gate Way Public School,Vaniyambadi on 30 July 2022.

[2] **Meelad un Nabi Celebration**, Al Huda Matriculation Higher Secondary School, Vaniyambadi , 2 Feb 2023.

[3] **Justice Basheer Ahmed Sayeed College for Women(Autonomous)**,On poetry of Maulana Hali and Allama Iqbal,Chennai,12 Feb 2020.

## **AWARD**

[1] **NCPUL – 25<sup>th</sup> VANIYAMBADI Urdu KITAB MELA**, National council for Promotion of urdu Language – Ministry of Education – Govt. of India,07 Jan 2023.

## **SHORT TERM COURSES-ATTENDED**

[1] **NPTEL certificate course** on Graph theory and successfully completed,27 Mar 2022.

[2] **Online course on “Graph based Algorithms”** from Great Learning Academy platform, January 2022.

[3] **Online course on “Graph Theory”**in Udemy platform, 26 Nov 2021.

**Ms.P.ANNAPOORANI,M.Sc.,M.Phil.,B.Ed.,**

## **NATIONAL/INTERNATIONALLEVELSEMINARS/CONFERENCES- ATTENDED**

[1] **Application of Graph Theory in Modern Technical World**,MorappurKonguCollegeofArts and Science College, Morappur, 9<sup>th</sup> August 2019.

[2] **EmotionalManagement**,Rajaram College,Kolhapur,13<sup>th</sup> June2020.

[3]**Faculty Enrichment Program** ,Islamiah College & Vaniyambadi On 14 June 2021.

[4]**Orientation Cum Workshop On Agencies For Educational Training And Research** ,21 September 2022.

[5] **Online Workshop On Nep 2020 Implementation**,Islamiah College & Vaniyambadi From13 March 2023 To 14 March 2023.



**[6] Online Workshop On Nep 2020 Implementation, Islamiah College & Vaniyambadi**

From 20 Dec 2023 To 29 Dec 2023.

#### **FACULTY DEVELOPMENT PROGRAMME-ATTENDED**

**[1] One Day Online Webinar On Similarity Measure In Fuzzy Numbers And Its Applications**

, Dr.N.G.P.Institute Of Technology ,Coimbatore On 13 June 2020.

**[2] How To Prepare Proposals For Research Projects Minor & Major**, Islamiah Women's Arts

And Science College, Vaniyambadi On 2 Feb 2021.

**[3] Five Day National Level FDP On Recent Advances In Mathematics** From 08 Aug 2022 To 12 Aug 2022.

**[4] Faculty Development Program On Hands On Training Program For Data Analysis Using IBM SPSS**, Islamiah Women's Arts And Science College, Vaniyambadi From 7 July 2022 To 30 July 2022.

**[5] National Level Faculty Development Program "Nacc New Guidelines And Important Of IQAC In Post Covid Time For Affiliated Colleges"** Iqac, K M.G College Of Arts And Science & Gudiyattam ,29 July 2021 To 31 July 2021.

#### **NATIONAL&INTERNATIONAL LEVEL –WEBINARS/WORKSHOPS-ATTENDED**

**[1] Similarity Measure in Fuzzy Members and Applications**, Dr.N.G.P.Institute of Technology, Coimbatore, 13<sup>th</sup> June 2020.

**[2] University Goal Setting Secrets**, Bunt's Sangha's Arathi Shashikiran Shetty College, 13<sup>th</sup> June 2020.

**[3] Outcome Based Education Through Blooms Taxonomy: Stepping Up The Learning Domain**, Rathinam College Of Arts & Science, Coimbatore On 19 June 2020.

**[4] Product And Diffusion Theory**, Islamiah Women's Arts And Science College , Vaniyambadi On 17 June 2020.

**Ms. G.sumathi M.Sc.,M.Phil.,M.Ed.,**

## **INTERNATIONAL WEBINAR & WEBINAR**

[1] Attend on **International Webinar** on “**Basics of Research Methodology and Use of Statistics in Biology**”at RIZVI COLLEGE held on 1 April,2021,Mumbai.

[2] **Webinar** on “**Fuzzy Mathematics - E-Resources**”At **Dwaraka Doss Goverdhan Doss Vaishnav College**held on 3 April.2021,Chennai.

[3] Online FDP on**Islamiah College(Autonomous)** “**Dynamics of Charismatic Communication** “ held on 14 June2021.

[4] **Webinar** onTheory of uncertainty and its Applications on 27 October 2021

[5] **Webinar**on “Number theory and its Application” held on 1 November 2021.

## **INTERNATIONAL AND STATE LEVEL SEMINARS/CONFERENCES – ATTENDED**

[1] **International conference** on**Recent Advancements in Mathematics (ICRAM)** PG And Research Department of Mathematics Sacred Heart College (Autonomous), 9 and 10 April 2021.

[2] **One day State Level Seminar on “Institutional Distinctiveness and Best Practice”** held on 22 March 2022, IQAC of Islamiah College (Autonomous).

## **FACULTY DEVELOPMENT PROGRAMME – ATTENDED**

[1] **FDP on DataLiteracywith Tabulea** course from 24 July 2023 to 28 July 2023 at **Thiruvalluvar University** at Vellore.

[2] **NEP 2020 Orientation Programme** UGC Malaviya Mission Teacher Training centre Aligarh Muslim University on 20 December to 29 December 2023.

[3] Online Workshop on **NEP 2020** implementation 04 March 2024 to 13 March 2024.

[4] FDP on hands on Training Program on Hands on Training Program for Data Analysis using **IBM SPSS** 07 July 2022 to 30 July 2022.

[5] Online Workshop on NEP 2020 Implementation 13 March 2023 to 14 March 2023.

[6] Five days national level FDP on Recent Advances in Mathematics 08 August 2023 to 12 August 2023.

[7] FDP on Advanced Data Analytics Using Python course from 22 Jan 2024 to 31 Jan 2024.

**Ms.G.PriyangaM.Sc.,M.Phil.,B.Ed.,D.T.Ed.,**

#### **NATIONAL&INTERNATIONALLEVEL –WEBIINARS/WORKSHOPS-ATTENDED**

[1] **Online Workshop** on NEP 2020 Implementation 13 March 2023 to 14 March 2023.

[2] **NEP 2020 Orientation Programme** UGC Malaviya Mission Teacher Training centre Aligarh Muslim University on 20 December to 29 December 2023.

#### **INTERNATIONAL AND STATE LEVEL SEMINARS/CONFERENCES – ATTENDED**

[1] **One Day National Conference** On Recent Trends In Applied Mathematics,K.M.G College Of Arts And Science, Gudiyattam On 15 Sep 2023.

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