# **RESUME**

(As on 15-12-2023)

#### Dr. H. SHEIK MUJIBUR RAHMAN

M.Sc., M.Phil., B.Ed., P.G.D.C.A., Ph.D., M.A.(Hindi),
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#### **Summary**

- ❖ Having 13 years of Experience and Student Focused Professional
- ❖ Provide Safe and Motivational Learning Environment
- Strong Leadership and Management Skills
- ❖ Experienced in Internal Administrative tasks in the Institution
- ❖ A keep Planner to Monitor each and every Students Growth
- Excellent Subject Knowledge
- \* Reviewer of National and International Peer Reviewed Journals

#### **Key Skills**

- Excellent Knowledge of Subject Areas and Ability to Teach the Students by using Various Methods
- ❖ Strong Commitment in teaching Under Graduate and Post Graduate Students
- ❖ Expertise in Advising the Students and Problem Solving
- Excellent Teaching Skills
- ❖ Computer Languages C, C++, Python are known
- Special Consideration for Slow Learners

# **Personality Traits**

- Excellent Leadership, Positive Attitude and Goal Oriented
- Excellent Communication, Advisory and Problem Solving Skill
- Participates in Professional Enrichment Activities

- Conducting Course Classes Regularly and Properly
- Conducting Assessment Exams & Giving Assignments to grade the Student learning
- ❖ Provide Consultation to the Student Regarding their Career and Course Objectives
- ❖ Assign Project Work and help them to Clarify their doubts regarding Project
- ❖ Guided 53 Projects of M.Sc., Mathematics Students from 2011
- ❖ Arrange Guest Lecture for Providing Additional Knowledge for Students

#### **Professional Experience**

- ❖ Working as an **Assistant Professor (SF)** in **Mathematics** from 2011
- ❖ College Name: Jamal Mohamed College(Autonomous), Tiruchirappalli- 620020
- Under Graduate: 13 Years
- ❖ Post Graduate : 13 Years
- **❖** M.Phil : **08** Years

#### Administrative Positions held in Our College

- ❖ Member Board of Studies Department of Mathematics, JMC
- ❖ Member Deeniyath Education, Centre for Human Excellence from 2012 to Till Date
- **❖ Khajamian Hostel Sub Warden** from **2011 to 2013**
- **❖** Member Prize Distribution Committee College Day (Men & Women)
- **❖** Registration Committee Graduation Day (Aided, SF-Men & SF-Women)
- **❖** Member Meelad Day Committee (Men & Women)
- **❖ Secretary JMC Mathematics Association,** from 2009-2010
- **❖ Vice President JMC Mathematics Association,** from 2018 to 2020
- ❖ CIA Test In charge from 2014 2017 and 2023 to till date
- ❖ Tutor-in-Charge for Maths Students in Jamal Mohamed College from 2011 to 2018

- Coordinating our Department (Men & Women) Students for Industrial Visit and
   Education Tour (Men & Women) Every year from 2011 onwards
- **Extra Classes Handling for** M.C.A., M.Sc.(CS), B.Sc.(CS), B.C.A., B.Sc.(IT),

B.Com., COP., & ICWA

#### Administrative Positions held Out Side the College

- ❖ Chairman Bharathiar University, Coimbatore
- ❖ Chairman Madurai Kamaraj University, Madurai
- Member Scrutiny Board and Question Setter Periyar University, Thiruvalluvar University, Pondicherry University, Annamalai University, Alagappa University
- ❖ Acted as a Presiding Officer in the Local Body Election
- \* Examiner and Question Paper Setter in Various Autonomous Colleges

#### **Areas of Specialization:**

- Graph Theory
- Fuzzy Graph Theory
- Intuitionistic Fuzzy Graph Theory
- Operations Research

### **Subjects Taught:**

- Under Graduate: 1) Graph Theory
  - 2) Operations Research
  - 3) Quantitative Aptitude
  - 4) Business Mathematics
  - 5) C Programming
  - 6) Soft Skills
- **Post Graduate:** 1) Advanced Graph Theory
  - 2) Advanced Operations Research
  - 3) C ++ Programming
  - 4) Fluid Dynamics
  - 5) Integral Equations and Calculus of Variations
- **M. Phil:** 1) Fuzzy Graph Theory
  - 2) Teaching Methodology
- ❖ Countries Visited: United Arab Emirates, Kingdom of Saudi Arabia

# **Educational Qualifications:**

Degree	College/ University	Year of	Class	
		Passing		
B.Sc., Maths	Jamal Mohamed College (Autonomous),	2007	First Class with	
	Bharathidasan University, Tiruchirappalli	2007	A+ Grade	
D Ed Matha	Maharani College of Education,	2008	First Class with	
B.Ed., Maths	Bharathiar University, Coimbatore	2000	Distinction	
M.Sc., Maths	Jamal Mohamed College (Autonomous),	2010	First Class with	
	Bharathidasan University, Tiruchirappalli	2010	Distinction	
M.Phil., Maths	Jamal Mohamed College (Autonomous),	2011	First Class with	
	Bharathidasan University, Tiruchirappalli		Distinction with	
	Bharaundasan Omversity, Thuchhappani		D++ Grade	
Dh D. Motha	Jamal Mohamed College (Autonomous),	2018	Commended	
Ph.D., Maths	Bharathidasan University, Tiruchirappalli			
M.A., Hindi	Madurai Kamaraj University, Madurai	2009	First Class	
P.G.D.C.A.	Bharathiar University, Coimbatore	2011	Second Class	
Diploma in	Jamal Mohamed College,	2011	Second Class	
Functional Arabic	Under Ministrry of HRD, New Delhi			
R.B.P.U.,	Dakshina Bharat Hindi Prachar Sabha,	2005	First Class	
(Hindi Pandit)	Chennai			
Diploma in Deeniyath	Jamal Mohamed College (Autonomous),	2010	First Class	
Education	Bharathidasan University, Tiruchirappalli			
Diploma in	Bharathidasan University, Tiruchirappalli	2014	Second Class	
Thirukkural	Bharadhadan Chiversity, Thacimappani		20011a Class	

# **Research Experience:**

### **Ph.D** - [2014-2018]

- Title of the Thesis: Some Contributions to the Study on Special Types of Intuitionistic Fuzzy Graphs
- Subject / Discipline: Mathematics Intuitionistic Fuzzy Graph theory
- Research Guide: Dr. A. Nagoor Gani, Department of Mathematics, JMC
- Research Centre: PG & Research Department of Mathematics,

Jamal Mohamed College (Autonomous),

Accredited with A++ Grade by NAAC,

 $Affiliated \ to \ Bharathidas an \ University, \ Tiruchirap palli-20.$ 

### List of Faculty Induction / Orientatation Programme Attented

1) **Four Week Faculty Induction / Orientation Programme** in Teaching Learning Centre, Ramanujan College, **University of Delhi**, New Delhi, from 20<sup>th</sup> December 2021 to 19<sup>th</sup> January 2022.

# **List of Faculty Refresher Courses Attented**

- 1) AICTE ISTE Sponsored One Week Virtual Refresher Programme on "Applied Mathematics" (Phase I) Organized by Department of Mathematics, M. Kumarasamy College of Engineering, Karur, from 15.03.2021 to 20.03.2021
- 2) AICTE ISTE Sponsored One Week Virtual Refresher Programme on "Applied Mathematics" (Phase II) Organized by Department of Mathematics, M. Kumarasamy College of Engineering, Karur, from 19.04.2021 to 24.04.2021
- 3) AICTE ISTE Sponsored One Week Virtual Refresher Programme on "Applied Mathematics" (Phase III) Organized by Department of Mathematics, M. Kumarasamy College of Engineering, Karur, from 17.05.2021 to 22.05.2021

# List of Online MOOC/SWAYAM/NPTEL Courses Attented

1) Online Faculty Development Programme on Enhancing Soft Skills and Personality, **NPTEL** (**SWAYAM**), Ministry of HRD, Govt. of India, from February to April 2020.

# List of Seminar / Conferences and Workshops Organized

- ❖ Coordinate with the Organizing Secretary to Conduct the Seven International Conferences (ICOMAC- 2009, 2014, 2015, 2017, 2019, 2020, 2022) in our Department.
- ❖ Coordinate with the Organizing Secretary to Conduct the **Two International** Workshops (IWP-2020, BDA-2022) in our Department.
- ❖ Event Coordinator World Space Week 2023, Sathish Dhawan Space Centre SHAR, Sriharikota, ISRO, from 06<sup>th</sup> to 08<sup>th</sup> Oct 2023.

## List of Events Organized as Organizing Secretary and Jury

1) Organized a Intra Department Student's Competition MATH-INTELLIGENTSIA-2K19

at Department of Mathematics, Jamal Mohamed College, Trichy on 23<sup>rd</sup> Jan 2019.

2) Organized a State Level Inter College Meet JAMATICS-2K19 at Department of

Mathematics, Jamal Mohamed College, Trichy-20 on 28th Feb 2019.

3) Organized a Intra Department Student's Competition MATH-INTELLIGENTSIA-2K20

at Department of Mathematics, Jamal Mohamed College, Trichy on 17th Dec 2019.

4) Organized a State Level Inter College Meet JAMATICS-2K20 at Department of

Mathematics, Jamal Mohamed College, Trichy-20 on 25th Feb 2020.

5) Jury of MATH O VISION-2020, Organized by Department of Mathematics

(SF-Women), Jamal Mohamed College, Trichy-20 on 22<sup>nd</sup> Jan 2020.

#### **List of E- Contents:**

1) <a href="https://www.jmc.edu/econtent/ug/7315\_Simplification.mp4">https://www.jmc.edu/econtent/ug/7315\_Simplification.mp4</a>

2) https://www.jmc.edu/econtent/ug/6082\_HS-Mean%20Deviation\_compressed.mp4

3) https://www.jmc.edu/econtent/ug/9692\_HS-Statistics%201\_compressed.mp4

4) https://youtu.be/1T1hNb79m\_I?si=ppyKR42Y7sCqK995

5) https://youtu.be/06K2yWiAhMQ?si=iny1I0pctbCBFcfS

# Web Links:

 $\textbf{Google Scholar:} \ \underline{\text{https://scholar.google.co.in/citations?user=} \underline{\text{MlcMyjMAAAAJ\&hl=} en}$ 

Research Gate: <a href="https://www.researchgate.net/profile/Dr-Rahman-15">https://www.researchgate.net/profile/Dr-Rahman-15</a>

Linkdein id: <a href="https://www.linkedin.com/in/sheik-mujibur-rahman-079480207">https://www.linkedin.com/in/sheik-mujibur-rahman-079480207</a>

Orcid id: <a href="https://orcid.org/0000-0003-4548-6019">https://orcid.org/0000-0003-4548-6019</a>

# List of Publications in National and International Journals

Scopus	Web of Science	UGC Care Listed	EZ3, Index Copernicus	Others	Total
3	2	3	1	4	13

- 1) A Study on Total and Middle Intuitionistic Fuzzy graph, *Jamal Academic Research Journal (JARJ)*, ISSN No.: 0973-0303, 2014, 169-176.
- 2) Total Degree of a Vertex in Union and Join of Some Intuitionistic Fuzzy Graphs, *International Journal of Fuzzy Mathematical Archive(IJFMA)*, Vol.7, No.2, 2015,233-241
- 3) Total Degree of a Vertex in Cartesian Product and Composition of Some Intuitionistic Fuzzy Graphs, *International Journal of Fuzzy Mathematical Archive* (*IJFMA*), Vol.9, No. 2,2015, 135-143.
- 4) Totally Regular Property of Cartesian Product of Intuitionistic Fuzzy Graphs, *Advances in Fuzzy Mathematics (AFM), Scopus Journal*, Vol.12, No.1, 2017, 63-76.
- 5) μ More Adjacency in Intuitionistic Fuzzy Graphs, *Global Journal of Pure and Applied Mathematics*, *Scopus Journal*, Vol.13, No.9, 2017, 6175-6183.
- 6) Truncations on Special Intuitionistic Fuzzy Graphs, *International Journal of Pure and Applied Mathematics, Scopus Journal*, Bulgaria, Vol.117, No 12, 2017, 257-263.
- 7) Edge Regular Properties of Truncations of Intuitionistic Fuzzy Graphs, *Notes on Intuitionistic Fuzzy Sets and Systems, ICI Journal*, Bulgaria, Vol.21, No1,2018,141-150
- 8) Degree of Vertices in Operations of Intuitionistic Fuzzy Graphs, *International Journal of Pure and Applied Mathematics (IJPAM), Scopus Journal*, Bulgaria, Vol.118, No. 6, 2018, 271-278.
- 9) Some Composition Properties on Totally Regular Intuitionistic Fuzzy Graphs, *Bulletin of Pure and Applied Sciences*, Vol. 38E (Math & Stat), No.1, 2019, 253-263, *UGC approved Journal* with Impact Factor 4.895.

- 10) Some Results on Total Degree of a Vertex in Composition of Intuitionistic Fuzzy Graph, *American International Journal of Research in Science, Technology, Engineering and Mathematics*, Georgia, USA, 2019, 47-52, *UGC approved Journal*.
- 11) Totally Regular Property of Join of Intuitionistic Fuzzy Graphs, *Advances and Applications of Mathematical Sciences*, Vol.20, Issue. 05, March-2021, 853 864, *UGC CARE Listed Journal*.
- 12) Totally Regular Property of Union of Intuitionistic Fuzzy Graphs, *Advances and Applications of Mathematical Sciences*, Vol.20, Issue. 06, April-2021, 1069 1075, *UGC CARE Listed Journal*.
- 13) Totally Regular Property of Composition of Intuitionistic Fuzzy Graphs, Accepted in *Communications in Computer and information Sciences (CCIS)*, *Springer Journal*.

### <u>List of Reviewer in National / International Reputed Journals</u>

- 1) Asian Journal of Pure and Applied Mathematics
- 2) Asian Journal of Probability and Statistics
- 3) Asian Research Journal of Mathematics
- 4) Journal of Advances in Mathematics and Computer Science
- 5) Journal of Applied Science and Technology
- 6) Asian Journal of Advances in Research
- 7) Asian Research Journal of Current Science
- 8) Asian Journal of Research in Computer Science
- 9) Journal of Engineering Research and Reports
- 10) International Journal of Tropical Disease & Health–Inter Disciplinary
- 11) Journal of Education, Society and Behavioural Science
- 12) Advances in Research Journal
- 13) International Journal of Environment and Climate Change
- 14) Journal of International Research in Medical and Pharmaceutical Sciences
- 15) Journal of Case Reports in Medical Science
- 16) Annual Research and Review in Biology

- 17) Journal of Complementary and Alternative Medical Research
- 18) International Journal of Geography, Environment and Earth Science Inter Disciplinary
- 19) Asian Journal of Chemical Sciences
- 20) Asian Journal of Case Reports in Medicine and Health

### <u>List of Papers Presented in National / International Conferences</u>

- 1) A Study on Total and Middle Intuitionistic Fuzzy Graph, International Conference on Mathematical Methods and Computation (ICOMAC 2014) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 13<sup>th</sup> to 14<sup>th</sup> Feb 2014.
- 2) Total Degree of a Vertex in Union and Join of Some Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2015) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 22<sup>nd</sup> to 23<sup>rd</sup> Jan 2015.
- 3) Total Degree of a Vertex in Cartesian Product and Composition of Some Intuitionistic Fuzzy Graphs, National Conference on Applied Mathematics and Computer Simulation- Recent Trends held at Department of Mathematics, TBML College, Porayar, Nagapattinam, from 7<sup>th</sup> to 8<sup>th</sup> Oct 2015.
- 4) Totally Regular Property of Composition of Intuitionistic Fuzzy Graphs, International Conference on Mathematical Modeling and Computational Methods in Science and Engineering held at Department of Mathematics, Alagappa University, Karaikudi from 20<sup>th</sup> to 22<sup>nd</sup> Feb 2017.
- 5) Truncations on Special Intuitionistic Fuzzy Graphs, International Conference on Advances in Applicable Mathematics held at Department of Mathematics, Bharathiar University, Coimbatore from 7<sup>th</sup> to 8<sup>th</sup> Dec 2017
- 6) Degree of Vertices in Operations of Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2017) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 11<sup>th</sup> Dec 2017.

- 7) Edge Regular Properties of Truncations of Intuitionistic Fuzzy Graphs, International Conference on Intuitionistic Fuzzy Sets and Systems held at Department of Mathematics, Vellalar College for Women, Erode from 08<sup>th</sup> to 10<sup>th</sup> Jan 2018.
- 8) Some Composition Properties on Totally Regular Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2019) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 20<sup>th</sup> to 21<sup>st</sup> Feb 2019.
- 9) Some Results on Total Degree of a Vertex in Composition of Intuitionistic Fuzzy Graph, International Conference on Mathematical Methods and Computation (ICOMAC 2019) held at Department of Mathematics, Jamal Mohamed College, Trichy from 20<sup>th</sup> to 21<sup>st</sup> Feb 2019.
- 10) Totally Regular Property of Union of Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2020) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 19<sup>th</sup> Feb 2020.
- 11) Totally Regular Property of Join of Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2020) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 19<sup>th</sup> Feb 2020.
- 12) Some Contributions to Operations on Intuitionistic Fuzzy Graphs, International Conference on Mathematical Methods and Computation (ICOMAC 2022) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 21<sup>st</sup> Dec to 22<sup>nd</sup> Dec 2022.

### List of National / International Conferences and Seminars Attented

1) International Conference on Mathematical methods and Computation (ICOMAC 2009) held at Department of Mathematics, Jamal Mohamed College, Trichy from 24<sup>th</sup> to 25<sup>th</sup> July 2009.

- 2) Renewable Energy Energy of the Future held at National College of Engineering, Tirunelveli on 20<sup>th</sup> Aug 2015.
- 3) National Seminar on Graph Theory, Algorithms and Modelling (GAM-2010) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 19<sup>th</sup> March 2010.
- 4) National Seminar on Applications of Mathematics held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 22<sup>nd</sup> Feb 2012.
- 5) International Conference on Mathematics and its Applications held at Department of Mathematics, Islamiyah College, Vaniyambadi on 29<sup>th</sup> August 2012.
- 6) National Seminar on Discrete Mathematics and its Applications held at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 09<sup>th</sup> March 2013.
- 7) National Conference on Graph Theory, Fuzzy Graph Theory and their Applications held at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 10<sup>th</sup> to 11<sup>th</sup> Feb 2016.
- 8) National Conference on Mathematical Modelling with Differential Equations-NCMMDE 2020 held at Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai from 14<sup>th</sup> to 17<sup>th</sup> Oct 2020.
- 9) International Seminar on Present Trends in Applications of Mathematics held at Department of Mathematics, Holy Cross College, Trichy from 16<sup>th</sup> to 17<sup>th</sup> Nov 2020.
- 10) International Conference on Computing Technologies and Mathematical Sciences-ICTTMS 2020 held at Department of Computer Science, Annai Violet Arts and Science College, Chennai from 20<sup>th</sup> to 21<sup>st</sup> Nov 2020.
- 11) National Conference on Mathematics and its Applications (NCMA 2020) held at Department of Mathematics, Mahathma Gandhi University, Nalagonda from 03<sup>rd</sup> to 05<sup>th</sup> Dec 2020.

- 12) International E-Conference on Recent Advances in Bio Mathematics held at Bangladesh Society for Mathematical Biology, Dhaka, Bangladesh from 18<sup>th</sup> to 19<sup>th</sup> Dec 2020.
- 13) International Conference on Bridging innovative Trends in Mathematics, Engineering and Technology (BITMET-20) held at Bannari Amman Institute of Technology, Sathiyamangalam, Erode from 18<sup>th</sup> to 19<sup>th</sup> Dec 2020.
- 14) International Conference on Advances in Differential Equations and Mathematical Modelling held at Jawaharlal Nehru University (JNU), New Delhi from 18<sup>th</sup> to 20<sup>th</sup> Dec 2020.
- 15) National Conference on Mathematics Education, by Regional Institute of Education, NCERT, RIE, Bhopal from 20<sup>th</sup> to 22<sup>nd</sup> Dec 2020.
- 16) NAAC Sponsored National Seminar on Transformation and Empowerment through Education, by Internal Quality Assurance Cell, Shree L.R.Tiwari College of Engineering, Thane, Maharashtra from 28<sup>th</sup> to 29<sup>th</sup> Dec 2020.
- 17) International Conference on Applied Mathematical Models (ICAMM-2021), by PSG College of Technology, Coimbatore from 07<sup>th</sup> to 09<sup>th</sup> Jan 2021.
- 18) National Seminar on The importance of Analogies and Counter Examples in Mathematics, by IQAC, Government College, Timarni, Harda (Madhya Pradesh) on 20<sup>th</sup> Feb 2021.
- 19) International Virtual Seminar on Applications of Mathematics in Computer Science and real Life, Department of Mathematics, Government College Timarni, Harda, Madhya Pradesh, on 25<sup>th</sup> Mar 2021.
- 20) One Day Virtual Conference on Algebra, Analysis and Applications, School of Liberal Studies, Dr. B. R. Ambedkar University, New Delhi, on 24<sup>th</sup> Apr 2021.
- 21) International Virtual Conference on Applications of Mathematics, Department of Mathematics and IQAC, Government Arts College, Trichy, on 4<sup>th</sup> Sep 2021.

- 22) Three Days International Conference (27<sup>th</sup>) of International Academy of Physical Sciences (CONIAPSXXVII) on Recent Advances in Differential Geometry and Topology, Central University of Punjab, from 26<sup>th</sup> to 28<sup>th</sup> Oct 2021.
- 23) Two Days International Virtual Conference on Mathematical and Computational Models (ICMCM'21), Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam and Kongunadu Arts and Science College, Coimbatore, from 29<sup>th</sup> to 30<sup>th</sup> Oct 2021.
- 24) Two Days National E Seminar on Recent Advances in Mathematics (RAM-2021), Department of Mathematics, GITAM University, Visakapatnam, 20<sup>th</sup> to 21<sup>st</sup> Dec 2021.
- 25) One Day International Virtual Seminar on Real Life Applications and Impact of Mathematics and Computer Science, IQAC, Government College Timarni, Harda, Madhya Pradesh, on 25<sup>th</sup> Feb 2022.
- 26) Two Days International Conference on Advance Trends in Computational Mathematics, Statistics and Operations Research (ICCMSO-2022), Department of Applied Sciences, North Cap University, Haryana, from 2<sup>nd</sup> to 3<sup>rd</sup> Apr 2022.
- 27) International Conference on Present Trends in Applications of Mathematics, Department of Mathematics, Holy Cross College, Trichy, from 19<sup>th</sup> to 20<sup>th</sup> Apr 2022.
- 28) Two Days National Seminar on Digital Financial Inclusion, Department of Management Studies, Suguna College of Arts and Science, Coimbatore from 30<sup>th</sup> to 31<sup>st</sup> Aug 2022.
- 29) One Day Seminar on Algebraic Graph Theory, School of Mathematics, Vellore Institute of Technology (VIT), Chennai, on 13<sup>th</sup> Oct 2022.
- 30) Two Days International Virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2022), Department of Mathematics, SRM Institute of Science and Technology, Chennai, from 28<sup>th</sup> to 29<sup>th</sup> Oct 2022.

- 31) Two Days National Seminar on Quality Improvement in Technical Education Through Outcome Based Education, IQAC in association with NAAC, BRCM College of Engineering and Technology, Haryana, from 4<sup>th</sup> to 5<sup>th</sup> Nov 2022.
- 32) Two Days NAAC Collaborated National Virtual Seminar on Holistic and Multidisciplinary Approach towards National Higher Education Quality Frame Work, Cauvery College for Women, Trichy, from 5<sup>th</sup> to 6<sup>th</sup> July 2023.

#### <u>List of National / International Faculty Development Programmes Attended:</u>

- 1) One Day Faculty Seminar on Teaching, Learning and Research in Higher Education Excellence and Beyond Excellence by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 on 7<sup>th</sup> March 2012.
- 2) Two Days Faculty Development Programme on Soft skills by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 from 4<sup>th</sup> to 5<sup>th</sup> Jan 2013.
- 3) One Day Faculty Development Programme on Innovative Teaching Technique for 21<sup>st</sup> Century Learners held at Gnanam School of Business Management, Sengam, Tanjore on 25<sup>th</sup> Oct 2013.
- 4) One Day Staff Enrichment Programme on Improving Teaching Practices A Stategic Approach, by IQAC, Jamal Mohamed College, Trichy-20 on 23<sup>rd</sup> June 2018.
- 5) One Day Staff Enrichment Programme on Ownership Culture, by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 on 14<sup>th</sup> June 2019.
- 6) Online Faculty Development Programme on Enhancing Soft Skills and Personality, NPTEL (SWAYAM), Ministry of HRD, Govt. of India, from February to April 2020.
- 7) Online Faculty Development Programme on Geo Gebra, Department of Mathematics, Jamal Mohamed College, Trichy association with IIT, Bombay on 10<sup>th</sup> May 2020.

- 8) Online Faculty Development Programme on Data Science using R and Geo Gebra, Department of Mathematics, Jamal Mohamed College, Trichy association with IIT, Bombay from 11<sup>th</sup> to 14<sup>th</sup> May 2020.
- 9) Online Faculty Development Programme on R Training, Department of Mathematics, Jamal Mohamed College, Trichy association with IIT, Bombay on 15<sup>th</sup> May 2020.
- 10) Online International Faculty Development Programme on Innovative Trends in Engineering and Technology, Internal Quality Assurance Cell, Shree L.R. Tiwari College of Engineering, Thane, Maharashtra from 25<sup>th</sup> to 29<sup>th</sup> May 2020.
- 11) Online Faculty Development Programme on Descriptive Statistics through R Programming, KPR Institute of Engineering and Technology, Coimbatore from 26<sup>th</sup> to 28<sup>th</sup> May 2020.
- 12) Online Faculty Development Programme on Indian Civilization and History, MHRD's Innovation Cell, Government of India on 30<sup>th</sup> May 2020.
- 13) Online Faculty Development Programme on Evolution from Offline to Online Teaching, Satish Pradha Dnyanasadhana College, Thane association with Department of Information Technology, Mumbai from 30<sup>th</sup> May to 03<sup>rd</sup> June 2020.
- 14) Online one Week International Faculty Development Programme on the Role of EDUTECH in Classroom Teaching and Learning, Annamalai University, Chidambaram from 05<sup>th</sup> to 11<sup>th</sup> June 2020.
- 15) Online Faculty Development Programme on Outcome based Education and Digital Teaching and Learning, Internal Quality Assurance Cell, Islamiah College, Vaniyambadi on 14<sup>th</sup> June 2020.
- 16) Online Faculty Development Programme on Pure and Applied Mathematics, Department of Maths, Jamal Mohamed College, Trichy-20 from 11<sup>th</sup> to 17<sup>th</sup> June 2020.

- 17) One Week Online Faculty Development Programme on Research Methodology: Tools and Techniques, M.V. Muthiah Government Arts College for Women, Dindigul from 18<sup>th</sup> to 24<sup>h</sup> June 2020.
- 18) Online Faculty Development Programme on Re Configurating the Mind: Post Covid Consciousness, Internal Quality Assurance Cell, Jyoti Nivas College, Bengaluru from 23<sup>rd</sup> to 27<sup>th</sup> June 2020.
- 19) Online Faculty Development Programme on E- Content Development by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 from 30<sup>th</sup> June to 04<sup>th</sup> July 2020.
- 20) Online Faculty Improvement Programme on Advances in Linear Algebra and Differential Equations, Department of Mathematics, Jamal Mohamed College, Trichy from 09<sup>th</sup> to 10<sup>th</sup> July 2020.
- 21) National Level Online Faculty Development Programme on Fuzzy and its Applications at Internal Quality Assurance Cell, The Quaide Millath College for Men, Chennai from 21<sup>st</sup> to 22<sup>nd</sup> July 2020.
- 22) Five Days Online Faculty Development Programme on Applications of Mathematics, Karunya Institute of Technology and Sciences at Coimbatore from 20<sup>th</sup> to 24<sup>th</sup> July 2020.
- 23) Online Faculty Development Programme on Real Analysis Continuity of a Function, Kongu Engineering College, Perundurai, Erode on 02<sup>nd</sup> Nov 2020.
- 24) Two Weeks AICTE Sponsored Online Faculty Development Programme on Deep Learning in Image and Computer Vision Applications, Shri Krishna College of Technology, Coimbatore from 28<sup>th</sup> Oct to 10<sup>th</sup> Nov 2020.
- 25) Online Faculty Development Programme on Applications of Mathematics, Vel Tech Multi Tech, Chennai from 06<sup>th</sup> to 07<sup>th</sup> Jan 2021.

- 26) Online Faculty Development Programme on Listening to Students Mathematical Voice, Rathinam College of Arts and Science, Coimbatore on 09<sup>th</sup> Feb 2021.
- 27) Online Faculty Development Programme on Art of Pertinent Teaching in Digital Era, Internal Quality Assurance Cell, Dhanalakshmi Srinivasan College of Education, Perambalur from 15<sup>th</sup> to 18<sup>th</sup> Feb 2021.
- 28) Two Days Faculty Development Programme on recent Trend in Computer Science and Information Technology, Department of Computer Science, Siddhartha College of Arts and Science, Vuyyuru, from 23<sup>rd</sup> to 24<sup>th</sup> Jan 2021.
- 29) One Day Virtual Faculty Development Programme on Listening to Students Mathematical Voice (LSMV), Rathinam College of Arts and Science, Coimbatore, 9<sup>th</sup> Feb 2021.
- 30)Three Days Faculty Development Programme on Algebra and Analysis, Department of Mathematics, Jamal Mohamed College, Trichy-20, from 09<sup>th</sup> to 11<sup>th</sup> Feb 2021.
- 31) Four Days Faculty Development Programme on Art of Pertinent Teaching in Digital Era, IQAC, Dhanalakshmi Srinivasan College of Education, Perambalur, from 15<sup>th</sup> to 18<sup>th</sup> Feb 2021.
- 32) Twenty Days International Expert's Lecture Series for Social Work Students, Government College, Alirajpur, Madhya Pradesh, 01<sup>st</sup> to 20<sup>th</sup> Feb 2021.
- 33) One Week International Virtual Faculty Development Programme on Demystifying Optimization Techniques, Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, from 22<sup>nd</sup> to 27<sup>th</sup> Mar 2021.
- 34) Three Days Online Faculty Development Programme on Research Funding Projects and IPR, Department of EXTC Computers and IT, K.C. College of Engineering and Management Studies, Thane, from 7<sup>th</sup> to 9<sup>th</sup> Jun 2021.

- 35) Eleven Days Online Faculty Development Programme on Applications of Mathematics and Programming in Science and Technology, Karunya University, Coimbatore, from 01<sup>st</sup> to 11<sup>th</sup> Jun 2021.
- 36) One Week International Virtual Faculty Development Programme on Applicable Mathematics and Programming in Science and Technology, Department of Mathematics, Mohamed Sathak AJ College of Engineering, Chennai, from 7<sup>th</sup> to 12<sup>th</sup> Jun 2021.
- 37) One Week International Virtual Faculty Development Programme on Facets of Teaching, Tamilnadu Teacher's Education University, Chennai in association with Lakshmi College of Education, Dindigul, from 14<sup>th</sup> to 20<sup>th</sup> Jun 2021.
- 38) Faculty Enrichment programme, IQAC, Jamal Mohamed College, Trichy-20, from 21<sup>st</sup> to 26<sup>th</sup> Jun 2021.
- 39) Five days International Online Faculty Development Programme on New Epoch in Software Learning, Department of Mathematics, Holy Cross College, Trichy, from 16<sup>th</sup> to 20<sup>th</sup> Aug 2021.
- 40) Five days National Online Faculty Development Programme on Teaching and Learning in Digital Era, IQAC, PPG College of Arts and Science, Coimbatore, from 16<sup>th</sup> to 20<sup>th</sup> Aug 2021.
- 41) One Week Virtual Faculty Development Programme on Software tools for Mathematical Education, Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam and Providence College for Women, Coonoor, from 30<sup>th</sup> Aug to 05<sup>th</sup> Sep 2021.
- 42) Five Days National Level Faculty Development Programme on Innovative Practices in Research Methodology, Jamal Mohamed College of Teacher Education, Trichy-20, from 27<sup>th</sup> to 31<sup>st</sup> Jan 2022.

- 43) Six Days AICTE MRSPTU Online Faculty Development Programme on Emerging Trends in Teaching and Research, Punjab Institute of Technology, Rajpura, from 7<sup>th</sup> to 12<sup>th</sup> Feb 2022.
- 44) Five Days Virtual Faculty Development Programme on Scientific Application Packages for State of the Art Technical Computing, Department of Mathematics, Presidency University, Bengaluru, from 14<sup>th</sup> to 18<sup>th</sup> Mar 2022.
- 45) Fifteen Days Faculty Workshop on Python Programming, Department of Mathematics, University of Calicut, Kerala from 8<sup>th</sup> to 22<sup>nd</sup> Mar 2022.
- 46) Three Days National Faculty Development Programme on Effective Teaching and Learning Methodologies for Differential Equations, Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore, from 25<sup>th</sup> to 27<sup>th</sup> Apr 2022.
- 47) Five Days International Virtual Faculty Development Programme, Faculty of Education and Academic Staff College, Dr.M.G.R. University, Chennai, from 20<sup>th</sup> to 24<sup>th</sup> Jun 2022.
- 48) One Week International Faculty Development Programme on Mathematical Modelling of Bio Systems with Special Focus on Epidemiology, Mizoram University, 22<sup>nd</sup> to 27<sup>th</sup> Aug 2022.
- 49) Five Days International Faculty Development Programme Series on Current Trends on Information technology, MEASI Institute of Information Technology, 26<sup>th</sup> to 30<sup>th</sup> Sep 2022.
- 50) Two Week International Online Faculty Development Programme on Current Trends in Applications of Mathematics, Department of Mathematics, Vel Tech University, Chennai, from 21<sup>st</sup> Sep to 04<sup>th</sup> Oct 2022.
- 51) One Week Online Faculty Development Programme on Recent Research Area and its Applications in Mathematics, Department of Mathematics, Vel Tech Multi Tech, Chennai, from 10<sup>th</sup> to 15<sup>th</sup> Oct 2022.

- 52) Five Days International Faculty Development Programme Series on Trending Technologies, MEASI Institute of Information Technology, November 2022.
- 53) One Week Online Faculty Development Programme on Research Methodology: Analysis, Tools & Techniques, IQAC, Theivanai Ammal College for Women, Villupuram, from 28<sup>th</sup> Dec 2022 to 03<sup>rd</sup> Jan 2023.
- 54) One Day Faculty Development Programme on Data Analysis using SPSS, Department of Management Studies, IIMS, Bengaluru, on 08<sup>th</sup> Feb 2023.
- 55) Five Days Virtual Faculty Development Programme on Optimization Techniques using Mathematical Methods and Evolutionary Algorithms, Vellore Institute of Technology(VIT), Chennai, from 13<sup>th</sup> to 17<sup>th</sup> Feb 2023.
- 56) Five Days Faculty Development Programme on Education 5.0, Department of Information Technology in association with Academic Staff College, Dr.M.G.R. University, Chennai, from 15<sup>th</sup> to 19<sup>th</sup> May 2023.
- 57) One Week Virtual Faculty Development Programme on Upskill Your Resources, Ayya Nadar Janaki Ammal College, Sivakasai, from 07<sup>th</sup> to 13<sup>th</sup> July 2023.
- 58) Five Days Faculty Development Programme on Recent Advances in Applied Mathematics, Department of Mathematics, Manakula Vinayagar Engineering College, Puducherry, 04<sup>th</sup> to 08<sup>th</sup> Sep 2023.
- 59) Five Days Virtual Faculty Development Programme in Collaboration with MIT Square London, Innovation and Entrepreneurship, Cauvery College for Women, Trichy, from 11<sup>th</sup> to 15<sup>th</sup> Sep 2023.

### List of Other Department Conferences and Seminars Attented

1) One Day Seminar on Sufism and Masnavishareef of Moulana Rumi held at Jamal Mohamed College, Trichy-20 on 24<sup>th</sup>Jan 2011.

- 2) One Day Seminar on Science Society and Religion, Indian institute of Science and Religion, Pune on 16<sup>th</sup> Feb 2012.
- 3) International Conference on Islamiya Tamizh Ezhakkiyangal Panmugapparvai, Department of Tamil, Jamal Mohamed College, Trichy-20 on 28<sup>th</sup> Jan 2021.
- 4) International E Conference on Health, Fitness, Wellness and Longevity, Department of Physical Education, Government Arts and Science College, Kondotty, Kerala, on 23<sup>rd</sup> Jan 2021.

### <u>List of National / International Short Term Courses (STTP) Attented</u>

- 1) Six Days Short Term Course on SPSS Hands on Training at Academic Staff College, Bharathiar University, Coimbatore from 07<sup>th</sup> to 12<sup>th</sup> Oct 2014.
- 2) One Week Online Short Term Training Programme (STTP) for Teachers Orientation for Newly Admitted Students, Department of Science and Humanities, Indra Ganesan College of Engineering, Trichy, from 22<sup>nd</sup> to 27<sup>th</sup> Feb 2021.
- 3) One Week Virtual Short Term Training Programme on Data Science and Statistical Applications, Department of Statistics, Bharathiar University, Coimbatore and Department of Mathematics, Jamal Mohamed College, Trichy-20, from 15<sup>th</sup> to 22<sup>nd</sup> Mar 2021.
- 4) One Day IP Awareness / Training Programme, National Intellectual Property Awareness Mission, Intellectual Property Office, Government of India, on 04<sup>th</sup> Jan 2023.
- 5) One Week Online Short Term Course on The Art of Professionalism, Dr. M. G. R. Educational University, Chennai, from 10<sup>th</sup> to 17<sup>th</sup> Apr 2023.

# List of National / International Workshops Attented

1) Two Days Workshop on Consumer Awareness Conducted by National Service Scheme, Jamal Mohamed College, Trichy-20 from 18<sup>th</sup> to 19<sup>th</sup> March 2005.

- 2) Six Days Workshop on Mathematical Modelling at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 19<sup>th</sup> to 25<sup>th</sup> Jan 2011.
- 3) Four Days Workshop on LATEX and SPSS at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 26<sup>th</sup>, 29<sup>th</sup>, 30<sup>th</sup> Sep & 01<sup>st</sup> Oct 2014.
- 4) Six Days Workshop on Research Methodology and SPSS at Department of Mathematics, Jamal Mohamed College, Trichy-20 from 20<sup>th</sup> to 25<sup>th</sup> Oct 2016.
- 5) One Day Workshop on The Role of a Teacher in the Present Scenario by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 on 07<sup>th</sup> Jan 2017.
- 6) One Day Workshop on Improving Teaching Practices A Strategic Approach by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 on 23<sup>rd</sup> June 2018.
- 7) Two Days Workshop on Professional Development for Academic Leadership in Curriculum Design, by Curriculum Development Cell, Jamal Mohamed College, Trichy-20 from 18<sup>th</sup> to 19<sup>th</sup> Jan 2019.
- 8) One Day Workshop on Algebra and its Applications, by Department of Mathematics, Jamal Mohamed College, Trichy-20 on 28<sup>th</sup> Sep 2019.
- 9) International Workshop on Python Programming, by Department of Mathematics, Jamal Mohamed College, Trichy-20 on 18<sup>th</sup> Feb 2020.
- 10) Five Days Online Workshop on Recent Trends in Mathematics and its Applications at Department of Mathematics, National Institute of Technology, Manipur from 28<sup>th</sup> Oct to 01<sup>st</sup> Nov 2020.
- 11) Six Days Online Workshop on Science Academics Lecture workshop on Linear Transformations, Matrices and their Applications (SALWLTMTA-2020) at Department of Mathematics, Sri Venkateswara University, Tirupati, Andhra Pradesh from 02<sup>nd</sup> to 07<sup>th</sup> Nov 2020.

- 12) One Day online Workshop on Introduction to Operations Research in Engineering at Ramco Institute of Technology, Chennai on 22<sup>nd</sup> Nov 2020.
- 13) Two Days Online Workshop on Fundamentals of MATLAB at Sri Sakthi Institute of Engineering Technology, Coimbatore from 10<sup>th</sup> to 11<sup>th</sup> Dec 2020.
- 14) Three Days National Workshop on Open Board, Smart Notebook and Microsoft Math, Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai from 14th to 16th Jun 2021.
- 15) Two Days Virtual Lecture Workshop on Differential Equations and its Applications, Department of Mathematics, Jamal Mohamed College, Trichy-20, from 21<sup>st</sup> to 22<sup>nd</sup> Dec 2021.
- 16) One Day National Workshop on Mathematical Insight Biological Problems, Department of Mathematics, Sarada College for Women, Salem, on 23<sup>rd</sup> Feb 2022.
- 17) Three Days Workshop on Fundamentals of Probability Theory and Detection Estimation Theory, held at Jamal Mohamed College, Trichy-20, by Pentagram Technologies, India and Pentagram Research UK Ltd, Birmingham, United Kingdom from 06<sup>th</sup> to 08<sup>th</sup> Oct 2022.
- 18) One Day Workshop on Digital Skills for Educators and E-Content Development, K.R. Mangalam University, Haryana, 29<sup>th</sup> Nov 2022.
- 19) Two Days Workshop on Differential Equations and their Applications in Mathematical Modelling, Department of Mathematics, Jamal Mohamed College, Trichy-20, from 06<sup>th</sup> to 07<sup>th</sup> Jan 2023.
- 20) Three Days Virtual Workshop on NEP 2020 (Languages, Culture and Values), UGC HRDC, Osmania University, Hyderabad, from 10<sup>th</sup> to 12<sup>th</sup> Jan 2023.
- 21) Five Days National Virtual Workshop on Applied Mathematics and Computing, Department of Engineering Mathematics and Computing, Madhav Institute of Technology, Gwalior, Bhopal, from 12<sup>th</sup> to 16<sup>th</sup> Jun 2023.

### List of National / International Webinars Attented

- 1) Webinar on Qualitative Analysis of Differential Equations and its Applications, Conducted by GTN Arts College, Dindigul on 21st May 2020.
- 2) Webinar on Quality Metrices in Higher Education Analysis of Differential Equations and its Applications, Conducted by Internal Quality Assurance Cell, Sadakathullah Appa College, Tirunelveli on 21<sup>st</sup> May 2020.
- 3) Webinar on Introduction to Graphs from Algebraic Structures, Conducted by GTN Arts College, Dindigul on 22<sup>nd</sup> May 2020.
- 4) Webinar on Future of Finance and way forward for Students and Professionals, Conducted by Karpaga Vinayaga College of Engineering and Technology, Chengalpet on 24<sup>th</sup> May 2020.
- 5) International Webinar on Arts of Writing Research Review Articles for Publishing in Peer Reviewed Journals, Conducted by MES College, Kerala on 25<sup>th</sup> May 2020.
- 6) Webinar on No SQL/MongoDB, Conducted by Karpaga Vinayaga College of Engineering and Technology, Chengalpet on 27<sup>th</sup> May 2020.
- 7) Webinar on Activity based Learning, Conducted by GTN Arts College, Dindigul on 27<sup>th</sup> May 2020.
- 8) International Webinar on Writing Proposals for Funding Agencies: Project Design and Project Proposals, Conducted by Rathinam College of Arts and Science, Coimbatore on 29<sup>th</sup> May 2020.
- 9) National Webinar on Indian Science: Covid 19 Scenario, Conducted by Jamal Mohamed College, Trichy-20 on 29<sup>th</sup> May 2020.
- 10) National Webinar on Online Tools for Citation Databases and Reference Management, Conducted by Arulmigu Palani Andavar Arts and Science College, Palani on 01<sup>st</sup> June 2020.

- 11) Webinar on Data Visualization using Tableau, Conducted by Karpaga Vinayaga College of Engineering and Technology, Chengalpet on 07<sup>th</sup> June 2020.
- 12) National Webinar on E- Teaching and E- Learning as an Evolving Pedagogy in Education- Issues and Challenges, Conducted by Internal Quality Assurance Cell, Dr. Ambedkar College, Nagpur on 09<sup>th</sup> June 2020.
- 13) International Five Days Webinar Series on NEC S&H Web Talks–2K20, Conducted by National Engineering College, Kovilpatti from 08<sup>th</sup> to 12<sup>th</sup>June 2020.
- 14) Webinar on Research Proposal Writing: Opportunities, Challenges and Myths, Conducted by Sri Krishna Institute of Technology, Bengaluru on 12<sup>th</sup> June 2020.
- 15) Webinar on Arete: Aiming Excellence in Teaching and Learning, Conducted by Crescent School of Pharmacy, Chennai on 13<sup>th</sup> June 2020.
- 16) Webinar on Spanning Trees and Colourings, Conducted by The Quaide Millath College for Men, Chennai on 15<sup>th</sup> June 2020.
- 17) Webinar on Research Innovations and Extension, Conducted by Internal Quality Assurance Cell, Khadir Mohideen College, Adirampattinam on 15<sup>th</sup> June 2020.
- 18) Webinar on Research Fundamentals and Intellectual Property Rights, Conducted by IQAC, Sadakathullah Appa College, Tirunelveli on 16<sup>th</sup> June 2020.
- 19) Webinar on Outcome based Education through Bloom's Taxonomy: Stepping up the Learning Domain, Conducted by Rathinam College of Arts and Science, Coimbatore on 19<sup>th</sup> June 2020.
- 20) Webinar on Effective Conduct of Online Classes, Conducted by Sri Eshwar College of Engineering, Coimbatore on 20<sup>th</sup> June 2020.
- 21) National Webinar on Life Skills Education is needed for Adolescents, Conducted by Bunts Sangha's Arathi Shashkiran Shetty College, Mumbai on 27<sup>th</sup> June 2020.

- 22) Webinar on Techno Pedagogy on Learning and Teaching, Conducted by SCAD College of Education, Tirunelveli on 29<sup>th</sup> June 2020.
- 23) Webinar on Optimization Models using Fuzzy Numbers, Conducted by Holy Cross College, Trichy on 30<sup>th</sup> June 2020.
- 24) Webinar on Significance of Soft Skill Development for Employment, Conducted by Government Arts Science and College, Trichy on 03<sup>rd</sup> July 2020.
- 25) Webinar on Developing 21<sup>st</sup> Century Skills using Technology, Conducted by Bless O Bliss You Tube Channel, Trichy on 06<sup>th</sup> July 2020.
- 26) Webinar on Understanding Phrase Structure Grammars and Formal Languages with JFLAP Software, Conducted by S.S.K.V College of Arts and Science, Kanchipuram on 12<sup>th</sup> July 2020.
- 27) National Webinar on Applications of Number Theory and Algebra in Computer Science, Conducted by Korambayil Ahamed Haji Memorial College, Manjeri, Kerala on 06<sup>th</sup> Oct 2020.
- 28) Webinar on Applications Nature Inspired Optimization Techniques for Solving Real Life Problems, Conducted by KPR Institute of Engineering and Technology, Coimbatore on 08<sup>th</sup> Oct 2020.
- 29) Webinar on Software Reliability, Conducted by KPR Institute of Engineering and Technology, Coimbatore on 09<sup>th</sup> Oct 2020.
- 30) Webinar on Art of Mathematics in Artificial Intelligence, Conducted by MES Mampad College, Malapuram, Kerala on 14<sup>th</sup> Oct 2020.
- 31) National Webinar on Construction of Topology from Basis and Sub basis, Conducted by Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai on 24<sup>th</sup> Oct 2020.

- 32) Five Days Webinar Series on Online Tools for Innovative Mathematical Education and Research, Conducted by K. S. Rangasamy College of Technology, Namakkal from 27<sup>th</sup> to 31<sup>st</sup> Oct 2020.
- 33) National Webinar on Number Theory and Scheduling, Conducted by Khalsa College Patiala, Punjab on 02<sup>nd</sup> Nov 2020.
- 34) National Webinar on Basics of Artificial Intelligence with MATLAB, Conducted by K. S. Rangasamy College of Technology, Namakkal on 04<sup>th</sup> Nov 2020.
- 35) National Level Three Days Webinar Series on Current Trends in Mathematical Applications in Engineering, Conducted by Rajiv Gandhi University of Knowledge and Technologies, Andhra Pradesh from 05<sup>th</sup> to 07<sup>th</sup> Nov 2020.
- 36) National Webinar on Analysis and Algebra, Conducted by Internal Quality Assurance Cell, Bajkul Milani Mahavidhyalaya, West Bengal on 10<sup>th</sup> Nov 2020.
- 37) National Webinar on Applications of Intuitionistic Fuzzy Graphs, Conducted by Kongu Engineering College, Perundurai, Erode on 10<sup>th</sup> Nov 2020.
- 38) National Webinar on Innovative Computational Techniques in Optimization Algorthims, Conducted by K.S.Rangasamy College of Technology, Namakkal on 10<sup>th</sup> Nov 2020.
- 39) International Level Three Days Webinar Series on Recent Trends in Mathematics and its Applications, Conducted by M.G.V.L.V. Hiray Arts and Science College, Nashik from 09<sup>th</sup> to 11<sup>th</sup> Nov 2020.
- 40) International Webinar on Recent Development in Applied Mathematics, Conducted by Korambayil Ahamed Haji Memorial College, Manjeri, Kerala on 27<sup>th</sup> Nov 2020.
- 41) TEQIP-III Sponsored Webinar on Recent Advances in Applied Sciences, Conducted by National Institute of Technology, Manipur from 12<sup>th</sup> to 16<sup>th</sup> Dec 2020.
- 42) Webinar on Srinivasa Ramanujam his Life and his Work, Conducted by KPR Institute of Engineering and Technology, Coimbatore on 16<sup>th</sup> Dec 2020.

- 43) International Webinar on MATLAB Applications for Numerical Methods and Control Systems, Conducted by K.S Rangasamy College of Technology, Namakkal on 22<sup>nd</sup> Dec 2020.
- 44) National Webinar on Fuzzy Set Theory and its Applications, Conducted by GITAM Deemed to be University, Rushikonda, Visakapattinam, Andhra Pradesh from 22<sup>nd</sup> to 23<sup>rd</sup> Dec 2020.
- 45) Webinar on Teaching Learning Practice for Engineering Education, Conducted by Ramco Institute of Technology, Rajapalayam on 29<sup>th</sup> Dec 2020.
- 46) National Webinar on Recent Trends in Software Technology, Conducted by Internal Quality Assurance Cell, Balwant College, VITA on 09<sup>th</sup> Jan 2021.
- 47) National Webinar on Real Analysis, Conducted by Maris Stella College, Vijayawada, Andhra Pradesh, from 19<sup>th</sup> to 20<sup>th</sup> Jan 2021.
- 48) Webinar on Applications of Partial Differential Equations in Control and Inverse Problems, School of Mathematics, Kumaraguru College of Technology, Coimbatore, on 20<sup>th</sup> Jan 2021.
- 49) International Webinar on Application of Calculus in Business and Economics, Vyas Institute of Engineering and Technology, Jodhpur, on 28<sup>th</sup> Jan 2021.
- 50) National Webinar on Applications of Civil Engineering in Making Modern India, Conducted by Vyas College of Engineering and Technology, Jodhpur on 29<sup>th</sup> Jan 2021.
- 51) Webinar on Role of Mathematics in Engineering, Department of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore, on 30<sup>th</sup> Jan 2021.
- 52) Two Days International Webinar on Computational Mathematics, Department of Mathematics and Computer Science, Government First Grade College, Bengaluru, from 10<sup>th</sup> to 11<sup>th</sup> Feb 2021.
- 53) National Webinar on Research Advances in Applied Mathematics, Department of Applied Mathematics, Bharathiar University, Coimbatore, from 22<sup>nd</sup> to 24<sup>th</sup> Mar 2021.

- 54) National Webinar on Applications of Fuzzy logic in Uncertain Decision Making Environment, Department of Mathematics, VELS University, Chennai, on 24<sup>th</sup> Mar 2021.
- 55) One Week International Webinar on Teaching Redefined for Gen Z, Department of Educational Psychology, Tamilnadu Teachers Education University, Chennai, from 17<sup>th</sup> to 23<sup>rd</sup> May 2021.
- 56) Webinar on Modelling and Solving Graph Colouring Problems using GRIN Software, Department of Mathematics, Theivanai Ammal College for Women, Villupuram, on 26<sup>th</sup> May 2021.
- 57) Webinar on Essentials of Intellectual Property Rights, SRM TRP Engineering College, Trichy, on 7<sup>th</sup> Jun 2021.
- 58) Webinar on How to Handle Online Classes Effectively, Scholl of Social Sciences and Languages, Vellore Institute of Technology(VIT), Chennai, on 10<sup>th</sup> Jun 2021.
- 59) Webinar on How to Avoid Plagiarism, Scholl of Social Sciences and Languages, Vellore Institute of Technology(VIT), Chennai, on 16<sup>th</sup> July 2021.
- 60) International Webinar on Fundamental Mathematics, Department of Mathematics, School of Basic Sciences, Kaziranga University, Assam, from 30<sup>th</sup> Aug to 01<sup>st</sup> Sep 2021.
- 61) Webinar on Mathematical Applications in Data Science, Department of Mathematics and Actuarial Science, Crescent University, Chennai, on 31<sup>st</sup> Jan 2022.
- 62) Webinar on Enhancing Creativity in the New Normal Classroom Environment: Challenges and Prospects, Tamilnadu Teacher's Education University Chennai, Collaboration with Universiti Teknologi MARA (UiTM), Malaysia, from 13<sup>th</sup> to 14<sup>th</sup> May 2022.
- 63) National Webinar on Fuzzy Mathematics, Department of Mathematics, Gonzaga College of Arts and Science, Krishnagiri, on 26<sup>th</sup> Oct 2022.

64) Webinar on Perfecting the Art of Writing Research Paper, Department of Computer Science, SRM University, Chennai, on 22<sup>nd</sup> Sep 2023.

#### List of National / International Quizes and Online Courses Participated

- 1) International Online Course on Let's Break the Chain of Covid-19 Infection, Conducted by Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, United Arab Emirates on 05<sup>th</sup> April 2020.
- 2) Mathematics E- Quiz on Arithmetic and Quantitative Aptitude, Conducted by E.M.G. Yadava Women's College, Madurai on 06<sup>th</sup> April 2020.
- 3) International Online Course on Defeat Covid 19 be a Champion, Conducted by Gulf Medical University, United Arab Emirates on 29<sup>th</sup> April 2020.
- 4) Online Quiz Programme on Micro Spark 2020, Idhaya College for Women, Kumbakonam on 09<sup>th</sup> May 2020.
- 5) Online Quiz Programme on Chemistry, Conducted by Dr.R.K.Shanmugam College of Arts and Science on 11<sup>th</sup> May 2020.
- 6) E- Quiz on Math Talent, Conducted by Hindusthan College of Arts and Science, Coimbatore on 13<sup>th</sup> May 2020.
- 7) E- Quiz on PhyQui-2020, Conducted by Dr.R.K.S. College of Arts and Science, Kallakurichi on 13<sup>th</sup> May 2020.
- 8) National Level E- Quiz on Current Research in Chemistry on Covid 19 Pandemic, Conducted by Dakshina Mara Nadar Sangam College, Tirunelveli on 15<sup>th</sup> May 2020.
- 9) E- Quiz on Research Methodology, Conducted by Mangalayatan University, Aligarh, Uttar Pradesh on 15<sup>th</sup> May 2020.
- 10) Online Technical E- Quiz, Department of Computer Science, Sir Issac Newton College of Arts and Science, Nagapattinam on 16<sup>th</sup> May 2020.

- 11) E- Quiz on Grammar Proficiency, Conducted by Rajapalayam Raju's College, Rajapalayam on 16<sup>th</sup> May 2020.
- 12) E- Quiz on Research Methodology, Conducted by Mannar Thirumalai Naicker College, Madurai on 30<sup>th</sup> May 2020.
- 13) Quest for Quiz 2020 English Language Teaching, Conducted by Sri Krishnasamy Arts and Science College, Sattur on 30<sup>th</sup> May 2020.
- 14) National Level E- Quiz on Java Programming, Conducted by Vaagdevi Institute of Technology and Science, Proddatur, Andhra Pradesh on 04<sup>th</sup> June 2020.
- 15) E-Quiz on Basic Statistics, Conducted by A.D.M. College for Women, Nagapattinam on 10<sup>th</sup> June 2020.
- 16) E-Quiz on Chandrayaan 3 Maha Quiz, Conducted by My Gov, ISRO on 20<sup>th</sup> Oct 20203.

#### <u>List of National / International Webinars Attented in Other Departments</u>

- 1) Webinar on Drug Discovery from Medicinal Plants: An Integrative Approach, Conducted by K.J. Somaiya College, Mumbai on 16<sup>th</sup> May 2020.
- 2) National Webinar on Biodiversity Status in Context of Covid-19, Conducted by Guru Nanak Khalsa College of Arts and Science, Mumbai 26<sup>th</sup> May 2020.
- 3) Webinar on Metal Complexes to Metal Nano Particles for Efficient Catalysis, Conducted by SASTRA University, Tanjore on 28<sup>th</sup> May 2020.
- 4) Two Days National Webinar on Modern Technologies in Life Sciences, Conducted by Mass College of Arts and Science, Kumbakonam from 28<sup>th</sup> to 29<sup>th</sup> May 2020.
- 5) Webinar on Additive Manufacturing and its Applications, Conducted by Sri Venkateswara College of Technology, Chennai on 30<sup>th</sup> May 2020.
- 6) National Webinar on Jungle Jokers A Conservation Effort by Wildlife SOS, Conducted by Rajapalayam Raju's College, Rajapalayam on 01st June 2020.

- 7) Webinar on Graphene based Nanocomposies for Energy Storage, Conducted by V.O.Chidambaram College, Thoothukudi on 01<sup>st</sup> June 2020.
- 8) International Virtual Webinar on Smart Topics in Chemistry, Conducted by Government Arts College, Trichy from 01<sup>st</sup> to 02<sup>nd</sup> June 2020.
- 9) Webinar on Transforming Challenges in to Opportunities- An Overview of Corporate Secretary ship, Conducted by Alpha Arts and Science College, Chennai 03<sup>rd</sup> June 2020.
- 10) Webinar on Optimistic Approach to Human Excellence, Conducted by Bless O Bliss You Tube Channel, Trichy on 03<sup>rd</sup> June 2020.
- 11) International Webinar on Advanced Materials, Conducted by LRG Government Arts College for Women, Tiruppur on 03<sup>rd</sup> June 2020.
- 12) Webinar on How to Start an NGO and Handle Projects Efficiently, Conducted by Madras School of Social Work, Chennai on 03<sup>rd</sup> June 2020.
- 13) Webinar on Energy Scenario updates and Energy Conservation Tips for Engineers, Conducted by NBN Sinhgad School of Engineering, Pune 04<sup>th</sup> June 2020.
- 14) Webinar on Strategies for Effective Stress and Time Management, Conducted by Bless O Bliss You Tube Channel, Trichy on 10<sup>th</sup> June 2020.
- 15) International Webinar on From Minerals to Futuristic Functional Materials, St. Jospeh's College, Bangalore on 10<sup>th</sup> June 2020.
- 16) Two Days International Webinar on Chemical Biology of Covid-19, Conducted by Jayaraj Annapackiam College for Women, Periyakulam from 11<sup>th</sup> to 12<sup>th</sup> June 2020.
- 17) National Webinar on Evaluation of Nano materials using Electron Microscopy, Conducted by Sri Ranganathar Institute of Engineering and Technology, Coimbatore on 12<sup>th</sup> June 2020.
- 18) Webinar on Language Skills through LSRW, Conducted by Sengamala Thayaar Educational Trust Women's College, Trichy on 12<sup>th</sup> June 2020.

- 19) Webinar on Stress Management in Digital Detoxing, Conducted by Rathinam College of Arts and Science, Coimbatore on 14<sup>th</sup> June 2020.
- 20) National Webinar on Role of Nanomaterials in Electro Chemical devices and Photocatlysis, Conducted by Dr. M.G.R. Educational and Research Institute, Chennai on 15<sup>th</sup> June 2020.
- 21) National Webinar on Combat Corona The New World Order, Conducted by Jyoti Nivas College, Bangalore on 16<sup>th</sup> June 2020.
- 22) Two Days National Webinar on Literary Theory and Literature, Conducted by Adhiyaman Arts and Science College, Krishnagiri from 16<sup>th</sup> to 17<sup>th</sup> June 2020.
- 23) Virtual Symposium on Multifunctional Materials, Conducted by SRM Institute of Science and Technology, Chennai on 17<sup>th</sup> June 2020.
- 24) National Webinar on Words of Wisdom, Conducted by Vedanta College, Mumbai on 18<sup>th</sup> June 2020.
- 25) Two Days National Webinar on English Literature and Criticism, Conducted by Jnana Jyothi College, Bangalore on 19<sup>th</sup> to 20<sup>th</sup> June 2020.
- 26) International Webinar on Impact of Covid 19: Blooming Online Tools in Higher Education, Conducted by Bharathidasan University Constituent College, Nagapattinam on 20<sup>th</sup> June 2020.
- 27) National Webinar on Nutraceuticals and Medicinal Herbs for Health and Immunity, Conducted by Internal Quality Assurance Cell, St. Joseph's College for Women, Vishakapattinam on 20<sup>th</sup> June 2020.
- 28) National Webinar on Man and Plague in Literature and Theory: Story, History and Future, Conducted by St. Jerome's College, Nagarcoil on 20<sup>th</sup> June 2020.
- 29) Webinar on Harmony with Nature: The Emotional and Spiritual bonding of the Primitives, Conducted by Bhaktavatsalam College (W), Chennai on 20<sup>th</sup> June 2020.

- 30) International Webinar on Yoga at Home and Yoga with Family, Conducted by Nehru Memorial College, Puthnampatti, Trichy on 21<sup>st</sup> June 2020.
- 31) Webinar on Introduction to Literature, Conducted by Thiruvalluvar University Constituent College, Kallakurichi on 21<sup>st</sup> June 2020.
- 32) Webinar on Scope in Administrative Jobs after Engineering, Conducted by NSHM Knowledge Campus, Durgapur-GOI, West Bengal on 21st June 2020.
- 33) Webinar on Strategies to Boost Teaching and Learning, Conducted by Bless O Bliss You Tube Channel, Trichy on 22<sup>nd</sup> June 2020.
- 34) International Webinar on Covid 19: Solution for Survival Conducted by Rajapalayam Raju's College, Rajapalayam on 26<sup>th</sup> June 2020.
- 35) Webinar on Placement Preparation and Interview Skills for Post Covid Scenerio, Conducted by Placement Cell, Thiruvalluvar University, Villupuram on 27<sup>th</sup> June 2020.
- 36) National Webinar on Manage Stress through a Strong Body, Conducted by GTN Arts College, Dindigul on 01<sup>st</sup> July 2020.
- 37) National Webinar on Development of Selected Multi-Valent Metal Ions Functionalized Mesoporous Materials and their Applications, Conducted by Vel Tech High Tech, Chennai on 02<sup>nd</sup> July 2020.
- 38) International Webinar on Trends in Bio Chemical Research, Conducted by Indian Academy College, Bangalore on 03<sup>rd</sup> July 2020.
- 39) Webinar on National Education Policy 2020, Conducted by Internal Quality Assurance Cell, Jamal Mohamed College, Trichy-20 on 08<sup>th</sup> August 2020.
- 40) National Webinar on Unsung Indian Heroes in the Field of Social Work, Conducted by Jamal Mohamed College, Trichy-20 on 28<sup>th</sup> Oct 2020.