

## **RESUME**

**Dr. H. SHEIK MUJIBUR RAHMAN**, *M.Sc., M.Phil., B.Ed., P.G.D.C.A.,  
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Assistant Professor of Mathematics (SF),  
Jamal Mohamed College (Autonomous),  
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### **Personal Details**

- ❖ **Name** : Dr. H. Sheik Mujibur Rahman
- ❖ **Father's Name** : A. Hussain Basha
- ❖ **Age** : 34 years
- ❖ **DOB** : 12.10.1986
- ❖ **Nationality** : Indian
- ❖ **Religion** : Islam
- ❖ **Gender** : Male
- ❖ **Marital Status** : Married
- ❖ **Languages Known** : English, Tamil, Hindi, Urdu, Arabic
- ❖ **Address for Communication:** 88, Sulthaniya Street,  
Dharapuram (Post & Taluk),  
Dharapuram – 638656,  
Tiruppur District,  
Tamil Nadu, India.

## Educational Qualifications:

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

## Professional Experience

- ❖ Working as an **Assistant Professor in Mathematics** from 01<sup>st</sup> March 2011
- ❖ College Name: **Jamal Mohamed College(Autonomous), Tiruchirappalli- 620020**
- ❖ Under Graduate : **10** Years
- ❖ Post Graduate : **10** Years
- ❖ M.Phil : **04** Years
- ❖ **Member - Deeniyath Education** from 2014 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)**
- ❖ **Meelad Day Committee - (Men & Women)**
- ❖ **Board of Studies Member – Department of Mathematics, JMC**
- ❖ **Organizing Secretary – *JAMATICS (2K19 & 2K20)* and  
*MATH - INTELLEGENTSIA (2K19 & 2K20)***
- ❖ **Extra Classes Handling for B.Sc.(CS)., B.C.A., BSc.(IT)., B.Com., COP., and ICWA**
- ❖ **Countries Visited:** United Arab Emirates, Kingdom of Saudi Arabia
- ❖ **Areas of Specialization:**
  - Graph Theory
  - Fuzzy Graph Theory
  - Intuitionistic Fuzzy Graphs
  - Operations Research
- ❖ **Subjects Taught:**
  - **Under Graduate:**
    - 1) Graph Theory
    - 2) Operations Research
    - 3) Mathematical Statistics
    - 4) Business Mathematics
    - 5) C Programming
    - 6) Quantitative Aptitude
    - 7) Soft Skills
  - **Post Graduate:**
    - 1) Graph Theory
    - 2) Advanced Operations Research
    - 3) C ++ Programming
    - 4) Complex Analysis
    - 5) Integral Equations and Calculus of Variations
  - **M. Phil :**
    - 1) Fuzzy Graph Theory
    - 2) Teaching Methodology

- ❖ Tutor-in -Charge from 2011 to 2018
- ❖ **Secretary - Mathematics Association** 2009-2010
- ❖ **Vice President - Mathematics Association** from 2018 to 2020

### Research Experience:

#### ❖ **Ph.D - [2014-2018]**

- Thesis entitled : *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),  
Affiliated to Bharathidasan University,  
Tiruchirappalli-20.

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

- 1) International Conference on Mathematical methods and Computation (ICOMAC 2009) held at Department of Mathematics, Jamal Mohamed College, Trichy-20 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.

### **List of Papers Presented in National / International Conferences**

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-20 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.

### **List of Publications in National and International Journals**

- 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, 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, Vol.9, No. 2,2015, 135-143.
- 4) Totally Regular Property of Cartesian Product of Intuitionistic Fuzzy Graphs, Advances in Fuzzy Mathematics, Vol.12, No.1, 2017, 63-76.
- 5)  $\mu$  - More Adjacency in Intuitionistic Fuzzy Graphs, Global Journal of Pure and Applied Mathematics, Vol.13, No.9, 2017, 6175-6183.
- 6) Truncations on Special Intuitionistic Fuzzy Graphs, International Journal of Pure and Applied Mathematics (IJPAM), 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, Bulgaria, Vol.21, No 1, 2018, 141-150.
- 8) Degree of Vertices in Operations of Intuitionistic Fuzzy Graphs, International Journal of Pure and Applied Mathematics (IJPAM), 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 Union of Intuitionistic Fuzzy Graphs, Advances and Applications of Mathematical Sciences, Vol.20, 2019, UGC CARE Listed Journal.
- 12) Totally Regular Property of Join of Intuitionistic Fuzzy Graphs, Advances and Applications of Mathematical Sciences, Vol.20, 2019, 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.

**List of National / International Faculty Development Programmes Attended:**

1) A 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) A 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) A 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) A One Day Staff Enrichment Programme on Improving Teaching Practices – A Strategic Approach, by IQAC, Jamal Mohamed College, Trichy-20 on 23<sup>rd</sup> June 2018.

5) A 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) Online One Week 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 Configuring 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> Juneto 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-20 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) Online Five Days 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) AICTE Sponsored Two Weeks 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.

### **List of National / International Journals - Reviewer**

1) Journal of Advances in Mathematics and Computer Science

2) Asian Journal of Research in Computer Science

3) International Journal of Geography, Environment and Earth Science – Inter  
Disciplinary

### **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-20 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 28<sup>th</sup> Feb 2019.
- 3) Organized a Intra Department Student's Competition *MATH-INTELLIGENTSIA-2K20* at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 17<sup>th</sup> Dec 2019.
- 4) Organized a State Level Inter College Meet *JAMATICS-2K20* at Department of Mathematics, Jamal Mohamed College, Trichy-20 on 25<sup>th</sup> Feb 2020.
- 5) Jury of *MATH O VISION-2020*, Organized by Department of Mathematics (SF-W), Jamal Mohamed College, Trichy-20 on 22<sup>nd</sup> Jan 2020.

### **List of Other Department Conferences and Seminars Attended**

- 1) A 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) A One Day Seminar on Science Society and Religion, Indian institute of Science and Religion, Pune on 16<sup>th</sup> Feb 2012.

### **List of National / International Workshops Attended**

- 1) A 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) A 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) A 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) A 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.
- 5) A 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.
- 6) A 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.
- 7) A 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.
- 8) A 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.
- 9) A One day workshop on Algebra and its Applications, by Department of Mathematics, Jamal Mohamed College, Trichy-20 on 28<sup>th</sup> Sep 2019.
- 10) International Workshop on Python Programming, by Department of Mathematics, Jamal Mohamed College, Trichy-20 on 18<sup>th</sup> Feb 2020.
- 11) A 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.
- 12) A 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.
- 13) A One day online Workshop on Introduction to Operations Research in Engineering at Ramco Institute of Technology, Chennai on 22<sup>nd</sup> Nov 2020.

14) A 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.

### **List of National / International Webinars Attended**

1) Webinar on Qualitative Analysis of Differential Equations and its Applications, Conducted by GTN Arts College, Dindigul on 21<sup>st</sup> May 2020.

2) Webinar on Quality Metrics 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 Algorithms, 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 Engineering and 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.

### **List of National / International Quizzes 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.

### **List of National / International Webinars Attended in Other Departments**

- 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) A 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 01<sup>st</sup> June 2020.
- 7) Webinar on Graphene based Nanocomposites 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 into Opportunities- An Overview of Corporate Secretaryship, 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. Josph's College, Bangalore on 10<sup>th</sup> June 2020.
- 16) A 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 Photocatalysis, 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) A 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) A 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 21<sup>st</sup> 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.