STAFF PROFILE – DR. L. SUJATHA

1. Name: Dr. (Mrs.) L. SUJATHA

2. Designation: Assistant Professor and Head,

PG and Research Department of Mathematics,

Auxilium College (Autonomous), Vellore-632 006.

3. Qualification: M.Sc., M.Phil., Ph.D.,

4. Mobile number: 9486384320

5. E-mail id: sujathal@auxiliumcollege.edu.in

6. Teaching Experience: 21 years

7. Area of specialization: Fuzzy Set Theory and its Applications

8. Research Experience:

S. No.	Research Course	Guiding/Guided	Research Experience
1.	Ph.D.	1 Scholar (Guiding) Registered on 26th Feb. 2020	2020-till date
2.	M.Phil.	18 students (Guided)	7 years

9. No. of Papers Published: 35 research articles

10. No. of Papers Presented in the

National/International/Seminars/Workshops/Conferences: 25 research articles

11. No. of National/International/Seminars/ Workshops/Conferences/Congress/

Symposium/Endowment Lecture/Conclave attended: 27 (offline)

12. No. of Webinars Attended: 29 (Online)

13. No. of Seminars/Workshops/Conferences/FDP/PDP organized:

- Organizing Secretary: 10

- Team Members: 4

14. Responsibilities held:
- Team member for preparing course material for Value Education (2008-2010)
- Member of Calendar Committee (2008-2009)
- Member of Educating Community (2010-2011)
- Dean of Science (2011-2014)
- Member of the board of studies for UG, PG, and M.Phil. Mathematics (2008-till date)
- Member of Research Cell (2015- till date)
- Chief Examiner for UG Mathematics valuation (2012-2018)
- Chief Examiner for PG and M.Phil. Mathematics valuation (2018-till date)
- Staff welfare fund (2017-2021)
- Association of Mathematics

15. Current Responsibilities:

- Head i/c of PG and Research Department of Mathematics
- Co-ordinator of Spoken-Tutorial Project – IIT Bombay for Auxilium College (2021-till date)
- Mentor

16. Membership in professional bodies:
A Life Time Member in
- IAENG [International Association of Engineers (Member Number:130290)]
- The Association of Science, Education, and Technology
- INAAR [International Association of Academicians and Researchers]
- Research Gate
- CSTA [Computer Science Teachers Association]
- Senior member of the American Society of Research (ASR Member Number: R2170161501)

- Elsevier-Mendeley
- Publons-The home of expert peer review
- IEEE ScholarOne
- Academia for Advanced Research in Mathematics Society (AARM Membership No. : F20170) (Reg. No. SRG/Vellore/96/2019)

17. Honours &awards received:

AWARDS	
1.	Received **PARA AWARDS – 2020 for Best Professor** from Puducherry Academic Researchers Association (A Unit of Benevolent Trust), Regd. No. 399/2011 on 04.01.2020.
2.	Received Adarsh Vidya Saraswati Rashtriya Puraskar (**National Award of Excellence 2020**) on 20.02.2020 from Glacier Journal Research Foundation-Global Management Council, Ahmedabad.

18. No. of Online Courses completed (Minimum of 4 Weeks): 1

5 weeks online course on "English for Career Development" offered through Coursera.

19. Any Other:

RESOURCE PERSON FOR THE PROGRAMME – OFFLINE	
1.	Served as the resource person and delivered a **"Motivational talk to the teachers"**, Organized by RASHTRIYA MADHYAMIK SHIKSHA ABHIYAN (RMSA) Conducts In-service Training for Social Science/Mathematics Teachers on 2nd August **2017**.
2.	Served as the resource person and delivered an invited talk on "A special fuzzy set and its Application" to the PG students of the Dept. of Mathematics, Sacred Heart College, Tirupattur, on 29th January **2018**.
3.	Served as the resource person in the **"National level Seminar on Modern Techniques in Mathematical Modeling and Operations Research",** organized by the PG and Research Department of Mathematics and Department of Statistics,

	Marudhar Kesari Jain College for Women, Vaniyambadi, held on 6th September **2019** and gave a talk on "Applications of Fuzzy Set in Operations Research".
4.	Served as the resource person in the **"State level Seminar on Fuzzy Numbers and their Applications"**, organized by the PG and Research Department of Mathematics, K.M.G College of Arts and Science, Gudiyattam, held on 3rd October **2019** and gave a talk on "Fuzzy Numbers and their Applications".

RESOURCE PERSON FOR THE PROGRAMME – ONLINE				
S. No.	Programme	Conducted by	Date	Link
1.	**National Webinar** on "Fuzzy set theory and its Applications"	Dept. of Mathematics, Little Flower Degree College, Uppal, Hyderabad	22nd May 2020	Zoom https://us02web.zoom.us/j/85106363782?pwd=RUZkQlZiSy9JK3kzblp4QStOcVFCQT09
2.	**Mathematics Association Inauguration:** "Fuzzy Mathematics" and "Co-Existence with Nature & Humanity – Build back a better future"	Dept. of Mathematics, Nirmala College for Women, Coimbatore 641 018.	18th Aug 2020	Google meet https://meet.google.com/cok-hhbm-pky
3.	One Week **International Online Faculty Development Program** on "Recent Trends and Applications in Mathematics (IFDPRTAIM-2020) (10.09.2020 -15.09.2020)	Dept. of Mathematics, Little Flower Degree College, Uppal, Hyderabad	14th September 2020	Google Meet Link https://meet.google.com/hsf-nygq-vsg

4.	**Research Forum:** "Fuzzy Relations and its Applications"	PG and Research Department of Mathematics, Research Forum Sacred Heart College (Autonomous), Tirupattur – 635 601	28.10.2020	Google Meet Link https://meet.google.com/dmt-obpt-apk code: dmt-obpt-apk
5.	**A Two-Day Lecture Workshop** on "Applications of Mathematics" Day-2 Topic: Fuzzy Sets and Models of Decision Making 24.11.2020	Aurora's Degree & P.G College, Hyderabad, Telangana-506009	23rd and 24th of November 2020	Google Meet Link meet.google.com/rjb-sxpz-ffk
6.	**Webinar** on "Fuzzy Set Theory"	PG & Research Dept. of Mathematics, St. Joseph's College of Arts and Science (Autonomous), Cuddalore	31.03.2021	Google Meet Link https://meet.google.com/qxx-ahyg-bzw

CHAIR-PERSON FOR THE PROGRAMME - OFFLINE	
1.	Chairperson of the paper presentation session in the "**National Conference** on Discrete Mathematics and its Applications (NCDMA – 2018)", organized by the Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, on February 9th and 10th, **2018.**
2.	Chairperson of the paper presentation session in the Two Day "**International Conference** on Mathematical Computer Engineering (ICMCE-2018)", organized by Mathematics Division, School of Advanced Sciences (SAS), **VIT, Chennai**, on November 23-24, **2018.**
3.	Chairperson of the paper presentation session in the Two Day "**International Conference** on Mathematical Computer Engineering (ICMCE-2020)", organized by

	Mathematics Division, School of Advanced Sciences (SAS), **VIT, Chennai**, on February 21-22, **2020.**

TECHNICAL PROGRAMME COMMITTEE MEMBER OF THE INTERNATIONAL CONFERENCES - ONLINE	
1.	Technical Program Committee member of the 11th **International Conference** on Computational Intelligence and Software Engineering (CiSE 2019) held on January 5-7, **2019** in **Bangkok, Thailand**. https://www.janconf.org/conference/OrganizingCommittee.aspx?id=1076 https://www.janconf.org/conference/CiSE/1076o3475.html
2.	Technical Program Committee member of the 3rd **International Conference** on Operations Research and Fuzziology (ORF 2019) held on July 19-21, **2019** in **Guilin, China**. https://www.confjuly.org/conference/OrganizingCommittee.aspx?id=1133 https://www.confjuly.org/conference/ORF/1133o3703.html

JOURNAL RIEWER / EDITORIAL BOARD MEMBER / ADVISORY COMMITTEE MEMBER	
Reviewer	IJRAR RMS (Reviewer / Referral Management System) member of the International Journal of Research and Analytical Reviews (E-ISSN 2348-1269, P-ISSN 2349-5138) holding Member ID: 114506 from **5th March 2019**.
Editorial Board	Nominated Member of the Editorial Board of Glacier Journal of Scientific Research, Ahmedabad on **20.02.2020.** ISSN: 2349-8498, Impact Factor: 2.7614.
Advisory Committee Member	Studies in Indian Place Names, Multidisciplinary UGC Care Listed Journal Recent Innovations in Management, Science and Humanities. ISSN: 2394-3114, Vol. 40, Issue 45, **March 2020-03-14.**

CONFERENCE ADVISORY COMMITTEE MEMBER	
1.	International Conference on "Mathematical Innovative Techniques and their Applications", organized by Puducherry Academic Researchers Association (A Unit of Benevolent Trust), Regd. No. 399/2011, held on **9th May 2021.**
2.	International Conference on "Recent Trends on Multidisciplinary – Innovative Techniques & their applications", organized by Puducherry Academic Researchers Association (A Unit of Benevolent Trust), Regd. No. 399/2011, held on **16th May 2021**.

REVIEWER FOR JOURNALS

Total No. of Manuscript reviewed: 24

S. No.	Name of the Journal	No. of Manuscript Reviewed
1.	Journal of Mathematical Modelling and Algorithms in Operations Research, Springer	1
2.	British Journal of Applied Science and Technology	2
3.	Journal of Basic and Applied Research International	2
4.	Journal of Applied Mathematics and Physics (JAMP)	3
5.	Journal of Advances in Mathematics and Computer Science	6
6.	Asian Research Journal of Mathematics	4
7.	Asian Journal of Current Research	1
8.	Asian Journal of Mathematics and Computer Research	2
9.	Springer – Trends in Mathematics	1
10.	Far East Journal of Mathematical Sciences (FJMS)	1
11.	Asian journal of Probability and Statistics	1
Total number of papers reviewed		**24**

SEMINARS / CONFERENCES / WORKSHOPS / SPECIAL LECTURE ORGANIZED – OFFLINE	
1.	**Organizing Secretary** for the "**State Level Workshop** on LaTeX – A Document Preparation System" organized by the PG and Research Department of Mathematics, Auxilium College (Autonomous) on **22.01.2019**.
2.	**Organizing Secretary** for the "**International Seminar** on Applied Mathematics (ISAM 2019)" organized by the PG and Research Department of Mathematics, Auxilium College (Autonomous) on **19.07.2019**.
3.	**Co-ordinator** for the "**National Level Faculty Development Program** on Artificial Intelligence and Computer Vision using MATLAB & SIMULINK" held on **26th September 2019**.
4.	Organized a **Special Lecture** on the topic "Fun of Mathematics". The resource person is Dr. J. Prakash, Professor of Mathematics, Faculty of Engineering and The Built Environment, University of Johannesburg, Johannesburg, South Africa on **29.01.2020**.

TEAM MEMBER IN ORGANIZING THE SEMINAR / CONFERENCES	
1.	RACILAM 2003 – Relavance and Challenges in Learning Abstract Mathematics (State level Seminar), **2003**.
2.	NCETEM 2011 – National Conference on Emerging Trends in Applications of Mathematics to Science and Technology held on **8th and 9th December 2011**.
3.	NCRAM 2015 – National Conference on Recent Approaches of Mathematics to Science and Technology held on **12th and 13th February 2015**.
4.	Two-Day State Level Workshop on Intellectual Property Rights organized by Tamilnadu State Council for Science and Technology (TNSCST), Government of India, Chennai, and Auxilium Research Cell & IPR Cell held on **2nd and 3rd August 2019.**

	ORGANIZING SECRETARY / CO-ORDINATOR FOR THE FOLLOWING PROGRAMMES ORGANIZED BY THE PG AND RESEARCH DEPARTMENT OF MATHEMATICS – ONLINE					
S. No.	**Topic**	**Organized by**	**Date**	**Platforms**	**Duration**	**No. of Participants**
1.	**One-week National Level Online Faculty Development Programme** on R Language	PG and Research Dept. of Mathematics, Auxilium College (Autonomous), Vellore, in collaboration with Spoken Tutorial, IIT Bombay.	13th to 20th May 2020	WhatsApp and Telegram **WhatsApp link:** https://chat.whatsapp.com/EirbEZV29Rs4dQZAUwfhd0 https://chat.whatsapp.com/BZKtWeDJXyS7zuDrgLjm6U https://chat.whatsapp.com/DfMUr8IwSxeLYaPdKbr0nC https://chat.whatsapp.com/IzHb2CfMJlQ7gvWLjYERLg0 https://chat.whatsapp.com/Lpod25KpNnF1UcKgfKr7qO **Telegram link:** https://t.me/c/1243790034/2015 **Website link:** https://sites.google.com/view/online-fdp-on-r-language/home	7 days	748

2.	**Online Course** on CSIR-UGC NET/SET Mathematical Sciences and Basics of MATLAB	PG and Research Dept. of Mathematics, Auxilium College (Autonomous), Vellore.	03rd to 10th July 2020	WhatsApp and Google Classroom **WhatsApp link:** https://chat.whatsapp.com/DbawSuBNIKxEPwSlP5qjY1 https://chat.whatsapp.com/IWNuvh6ySxxLA4yP95cheZ https://chat.whatsapp.com/K5TjfWFFFaUGr7sXPZaa3O **Google Classroom Code:** tpwkmg7 **Website link:** https://sites.google.com/auxiliumcollege.edu.in/online-course-on-csir-ugc-nets/home	7 days	672
3.	Inauguration of Mathematics Association – Invited Talk	PG and Research Dept. of Mathematics, Auxilium College (Autonomous), Vellore.	29.10.2020	**Google Meet Link:** https://meet.google.com/oxk-bkgk-tyv	2 pm to 3 pm 3.45 pm to 4.45 pm	B.Sc. Mathematics M.Sc. Mathematics
4.	National Webinar on Applications of Mathematics	PG and Research Dept. of Mathematics, Auxilium	22.12.2020	Zoom Meeting Link: https://us02web.zoom.us/j/85625643626?pwd=V1hleFhYU3NZR	2 pm – 3 pm	277 registered &

				WowSEJZbTA2STY4dz09 Meeting ID: 856 2564 3626 Passcode: maths YouTube Link: https://www.youtube.com/AudaciousDreams https://forms.gle/4DCuXXvEqiUUarij9 - link for registration https://forms.gle/zPNfHrNvHwt1cpFK9 - link for feedback	4 pm – 5 pm	1.9K views in YouTube
5.	One Day National Level Online Workshop on LaTex	PG and Research Dept. of Mathematics, Auxilium College (Autonomous), Vellore.	06.02.2021	**Google Meet Link:** https://meet.google.com/fqd-vcex-vvt **Link for registration:** https://forms.gle/wAxpHmKfNYwoKFnPA **Link for feedback:** https://forms.gle/V8Rq89uxDd6Sp51cA	10 am to 4 pm	100
6.	International Professional Development Programme on "Major Role of Mathematics in the	Little Flower Degree College, Hyderabad in Collaboration with PG and Research Dept. of Mathematics,	22.02.2021 to 26.02.2021 (Each day, One and half hours duration)	**Platform:** **Google Meet** **&** **WhatsApp**	1.30 pm to 3 pm	Around 50 participants

	Development of Science and Technology"	Auxilium College (Autonomous), Vellore.				
7.	**A Two-Week Online Faculty Development Programme** on LibreOffice suite Writer, Calc & Impress	The Board of Management, Auxilium College (Autonomous), Vellore in Association with Spoken Tutorial, IIT Bombay	26th May to 10th June, 2022	WhatsApp and Telegram **WhatsApp link:** https://chat.whatsapp.com/KEEhgM9a1HpEVmF21U3sMX **Telegram link:** https://t.me/+CL9smyi9Sb45NzE1 **Website link:** https://sites.google.com/auxiliumcollege.edu.in/atwo-weekonlinefacultydevelopm/home **Registration Link:** https://forms.gle/Awk2gxazsDs8tnFb9 **Feedback Link:** https://forms.gle/zDMv4bfTvVd7mtRr7	14 days	131
8.	A Five-Day **National Level** Online PDP on "Writing Research Articles in Mathematics & Statistics"	jointly organized by the Department of Mathematics, Little Flower Degree College, Uppal, Hyderabad, Telangana & PG,	26.09.2022 to 30.09.2022	**Registration Link:** https://forms.gle/jmFRgVQe9gV2sjP27 **WhatsApp group link** https://chat.whatsapp.com/HDFhaGx1LQsJKmtAdLqCDx **Day 1 Links:** https://meet.google.com/dnu-kieg-zgv	5 days (2.30 pm to 4 pm)	Around 95

		and Research Department of Mathematics, Auxilium College (Autonomous), Gandhi Nagar, Vellore, Tamil Nadu		https://youtu.be/36TggSU0JJ8 https://forms.gle/gBZqDRCtCQUGyWRg6 **Day 2 Links:** https://meet.google.com/fsv-etgk-fxx https://youtu.be/4EZGCfFEz0o https://forms.gle/NmD8xjHRwweEutkP9 **Day 3 Links:** https://meet.google.com/zgv-yjha-nkn https://youtu.be/JXcYUt-ylYw https://forms.gle/ncFvJ4cxwCc63E4n9 **Day 4 Links:** https://meet.google.com/rxw-emds-mfo https://forms.gle/kxVkKhAiMPBJm1jR6 **Day 5 Links:** https://meet.google.com/vqv-wyga-qyx https://youtu.be/n2LiqF2WlH0 https://forms.gle/GWQozpSW2DcR5Rw76		

Seed money for Research Proposal:

Dr. L. Sujatha, Asst. Prof., and Research Supervisor, PG and Research Dept. of Mathematics, Auxilium College (Autonomous), Vellore, presented a Research Proposal on the topic "Solving Transshipment Model under Fuzzy Environment" on 22.04.2021 and received the seed money of Rs. 50,000 towards research from Auxilium College (Autonomous), Vellore.

Training Programme (Short term programme):

- Attended the 6 days training program on **Academic Leadership** under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Training, sanctioned by **MHRD, Govt. of India and organized by UGC HRDC**, Aligarh Muslim University and Vaniambadi Muslim Educational Society for COE, Members of statutory Bodies, Finance officers and State Government officials at Islamiah College (Autonomous), Vaniyambadi from March 21st – 27th, **2019**.

Refresher Course (Online mode):

- Successfully completed "Two-Week Refresher Course in Mathematics" organized by Department of Mathematics, Ramanujan College and Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during March 16 – March 30, 2021 and obtained Grade A.

Letter of Appreciation from Spoken Tutorial Project, IIT Bombay:

Letter of Appreciation was given to Dr. L. Sujatha on 09.03.2021, for spreading awareness and holding Software Training workshops at Auxilium College (Autonomous), Tamil Nadu and making an outstanding contribution of using ICT based teaching and learning methodology for students of Auxilium College, Tamil Nadu.

Letter of Appreciation was given to Dr. L. Sujatha on 01.11.2022, for spreading awareness and holding Software Training workshops at **Auxilium College (Autonomous).**

RESEARCH DETAILS – CITATIONS	

Google Scholar	Google Scholar Citation Index: 189
	
	      h – index: 07
	
	      i10 – index: 06
	
	 https://scholar.google.co.in/citations?user=mKJ7ql4AAAAJ&hl=en

Research Gate Scopus	Research Gate Citation Index: 199 h – index: 09 https://www.researchgate.net/profile/L-Sujatha Scopus index

	https://orcid.org/0000-0002-5895-374X
	https://www.scopus.com/authid/detail.uri?authorId=54409456900
	Documents by author: 8
	Citations by 58 **documents: 59**
	h-index: 4

FACULTY DEVELOPMENT PROGRAMME (FDP) – OFFLINE	
1.	Attended the **International Level Faculty Development Programme** on Application of Statistical Techniques in Social Science Research, held at Sri Kanyaka Parameswari Arts and Science College for Women, Chennai on August 2nd **2018.** The programme was organized by the Department of Management Studies and Corporate Secretaryship.
2.	Attended the **Faculty Development Program** on "Young Supervisor (M.Phil./Ph.D.) on Plagiarism – Free Research Report Writing" organized by Thiruvalluvar University, Vellore on 08.02.2020.

PG project:

S. No.	Guided
1.	35

Summer Internship Project:

- Guided 2 M. Sc. Mathematics students of Stella Maris College (Autonomous), Chennai for Summer internship project (2016-2017).

Judge:

- On 14.02.2018, as a part of the Mathematics Association activity, Dept. of Mathematics (Shift I), conducted a paper presentation competition on the topic "Applications of Mathematics". Dr. L. Sujatha, served as the judge for the competition.

Appointed as Examiner for Central valuation

- Thiruvalluvar University, Vellore

- D.K.M College for Women, Vellore

Appointed as External Examiner (by Thiruvalluvar University) to conduct the

❖ **UG Degree Practical Examinations (Statistics) at**

- Islamiah College, Vaniyambadi in **2008**
- S.S.S College of Arts, Science and Management in **2009**
- Indo-American College, Cheyyar in **2010**
- Adhiparasakthi College of Arts and Science, Kalavai in **2011**
- Mercury College of Arts and Science, Thandalam in **2012**
- Kaveripakkam College of Arts and Science, Kaveripakkam in **2012**
- Arunkrishna College of Arts and Science, Chengam in **2012**
- Holy Cross College of Arts and Science for Women, Tirupattur in **2016**
- King Nandhivarman College of Arts and Science, Thellar, Thiruvannamalai District in **2017**

❖ **UG Degree Practical Examinations (Programming in C) at**

- Imayam College of Arts and Science, Vaniyambadi in **2018**

Appointed as Question Paper setter for setting question papers for the following Colleges:

- D.K.M College for Women, Vellore
- Sacred Heart College, Tirupattur
- Adhiparasakthi College of Arts and Science, Kalavai
- Muthurangam Govt. Arts College (Autonomous), Vellore
- Theivanai Ammal College for Women, Villupuram
- Auxilium College (Autonomous)

<u>Granted Qualification approval (to hold the post) from the Thiruvalluvar University:</u>

No. TU/R/Appl.Qulfn./Lecturer/SHC/2007/64

Date: 31 Jan 2007

Research Guidance (M.Phil.): 2011 to 2020

No. TU/R/M.Phil.(Mathematics)/(FT-PT)/Guideship/ACV/2011/3125

Date: 04.03.2011

Research Guidance (Ph.D.): 2020 to till date

No. TVU/R/Ph.D/Guideship(FT-PT)/2019/7021

Date: 24.10.2019

Computer Knowledge: C and C++ languages

Technical Qualification: Completed Junior grade and Senior grade in Typewriting (English)

Enclosed Details

Papers / Articles Published: 33+2 = 35

S. No.	Title of the Article	Name of the journal Vol. No. & PP / Year
1.	"Fuzzy shortest path problem based on triangular density function"	International Journal of Ultra Scientist of Physical Sciences, Vol. 21, No. 3, pp. 731-738, **2009** ISSN: 0970-9150
2.	"Fuzzy shortest path problem based on triangular L-R type fuzzy number using Acceptability index"	International Journal of Engineering and Technology, Vol. 6, No. 4, pp. 575-578, **2009** ISSN: 1812-7711
3.	"Fuzzy shortest path problem based on Interval numbers"	International Journal of fuzzy systems and rough systems, Vol. 2, No. 2, pp. 57-60, **2009** ISSN: 0974-858X
4.	"Fuzzy shortest path problem based on similarity degree using L-R type fuzzy numbers"	International Journal of Computational Intelligence Research and Applications, Vol. 3, No.2, pp.213-216, **2009** ISSN: 0973-6794
5.	"Fuzzy longest path problem in an acyclic digraph"	International Review of fuzzy mathematics, Vol. 4, No. 1-2, pp. 1-9, **2009** ISSN: 0973- 4392
6.	"Fuzzy shortest path problem based on similarity degree using trapezoidal fuzzy number"	Journal of Computer and Mathematical Sciences, Vol. 2, No. 6, pp. 820-826, **2011** ISSN: 0976- 5727
7.		Applied Mathematical Sciences, Vol. 5, No. 66, pp. 3263 – 3276, **2011**

	Fuzzy Shortest Path Problem based on Similarity Degree"	(**Scopus Indexed**) EID: 2-s2.0-82255166879 ISSN: 1312-885X
8.	"Fuzzy Shortest Path Problem based on Index Ranking"	Journal of Mathematics Research, Vol. 3, No. 4, pp. 80-88, **2011** ISSN: 1916-9795(print)
9.	"Fuzzy Shortest Path Problem based on α- cut"	Journal of Science, Technology and Management, Vol. 4, No. 4, pp. 23- 33, **2012** ISSN: 0974-8334
10.	"Fuzzy Shortest Path Problem based on level λ- triangular LR fuzzy numbers"	Advances in Fuzzy Systems, Vol. 2012, 6 pages, **2012** (**Scopus Indexed**) EID: 2-s2.0-84856411198 DOI: 10.1155/2012/646248 ISSN: 1687-7101
11.	"k- stage Fuzzy Transportation Problem based on Interval Valued Fuzzy Numbers"	International Journal of Scientific and Engineering Research, Vol. 3, Issue 11, pp. 155-162, **2012** ISSN: 2229-5518
12.	"Fuzzy Travelling Salesman Problem"	International Journal of Applied Mathematics, Vol. 28, Issue 2, pp. 1236-1241, **2012** ISSN: 2051-5227
13.	"Fuzzy Critical Path Problem for Project Network"	International Journal of Pure and Applied Mathematics, Vol. 85, No. 2, pp. 223 – 240, **2013** (**Scopus Indexed**) EID: 2-s2.0-84877962458 DOI: 10.12732/ijpam.v85i2.4

14.	"Application of Fuzzy Membership Matrix in Medical Diagnosis and Decision Making"	Applied Mathematical Sciences, Vol. 7, No. 127, pp. 6297 – 6307, **2013** (**Scopus Indexed**) EID: 2-s2.0-84889582139 DOI: 10.12988/ams.2013.38485 ISSN: 1312-885X (print)
15.	"Critical Path Problem under Fuzzy Environment"	International Journal of Computer Applications, Vol. 75, No.1, pp. 7 -11, **2013** ISSN: 0975-8887
16.	"On Searching Shortest Path in a Classical Network with Fuzzy Edge Weights"	Mathematical Sciences, International Research Journal, Vol. 3, Issue 2, pp. 568-574, **2014** ISSN: 2278-8697
17.	"Medical Diagnosis based on Interval Valued Fuzzy Number Matrices"	Annals of Pure and Applied Mathematics, Vol. 7, No. 1, pp. 91 – 96, **2014** ISSN: 2279-087X(print)
18.	"Fuzzy Shortest Path Problem based on Interval Valued Fuzzy Number Matrices"	International Journal of Mathematical Sciences and Engineering Applications, Vol. 8, No. 1, pp. 325 – 335, **2014** ISSN: 0973-9424
19.	"Fuzzy Shortest Path Problem based on Level λ- LR Type Representation of Fuzzy Interval"	Far East Journal of Mathematical Sciences, Vol. 93, No. 1, pp. 43- 63, **2014**. (**Scopus Indexed**) EID: 2-s2.0-84926335012 ISSN: 0972-0871

20.	"Fuzzy Longest Path Problem for Project Scheduling"	Advances in Fuzzy Sets and Systems, Vol. 17, No. 1, pp. 1-25, **2014** ISSN: 0973-421X
21.	"Fuzzy One Point Method for finding the Fuzzy Optimal Solution for FTP and FUAP"	International Journal of Fuzzy Mathematical Archive, Vol. 6, No. 1 &2, pp. 35 – 44, **2015**. ISSN: 2320-3242(print)
22.	"Project Scheduling Method using Triangular Intuitionistic Fuzzy Numbers and Triangular Fuzzy Numbers"	Applied Mathematical Sciences, Vol. 9, No. 4, pp. 185 – 198, **2015**. (**Scopus Indexed**) EID: 2-s2.0-84922554182 DOI: 10.12988/ams.2015.410852 ISSN: 1312-885X (print)
23.	"Fuzzy Project Network for Management Science"	International Journal of Pure and Applied Mathematics, Vol. 101, No.5, pp. 631-640, **2015**. (**Scopus Indexed**) EID: 2-s2.0-84934325411 ISSN: 1311-8080
24.	"Finding Critical Path in a Project Network under Fuzzy Environment"	Mathematical Sciences, International Research Journal (MSIRJ), Vol. 5, Special Issue 1, pp. 31-36, **March 2016.** ISSN: 2278-8697 https://www.imrfjournals.com/msirj5s1 https://drive.google.com/file/d/1SOX__whF1Y-cCILO9ROlP32PxdqICycx/view

25.	"Fuzzy zero point Method for finding the fuzzy objective value for UFTP"	Global Journal of Pure and Applied Mathematics (GJPAM), Vol. 12, No. 3, Special Issue, pp.817-823, **2016.** ISSN: 0973-1768
26.	"The shortest path problem on networks with intuitionistic fuzzy edge weights"	Global Journal of Pure and Applied Mathematics (GJPAM), Vol. 13, No. 7, pp. 3285-3300, **2017.** ISSN: 0973-1768 https://www.ripublication.com/Volume/gjpamv13n7.htm https://www.ripublication.com/gjpam17/gjpamv13n7_38.pdf https://www.ripublication.com/gjpam.htm
27.	"Application of Triangular Fuzzy Membership Matrix in the Study of Medical Diagnostic Model"	Advances in Fuzzy Mathematics (AFM), Vol. 12, No. 4, pp. 945-953, **2017.** ISSN: 0973-533X https://www.ripublication.com/Volume/afmv12n4.htm https://www.ripublication.com/afm17/afmv12n4_24.pdf
28.	"Solving Fuzzy Transportation Problem using Zero Point Maximum Allocation Method"	International Journal of Current Advanced Research (IJCAR), Vol. 7, Issue 1, pp. 173-178, **January 2018**. **UGC Journal number: 43892** ISSN: O: 2319-6475, P: 2319-6505 https://journalijcar.org/issues/solving-fuzzy-transportation-problem-using-zero-point-maximum-allocation-method

29.	"Solving Maximization problem in FTP and FAP using Fuzzy one point method"	Mathematical Sciences, International Research Journal, Vol. 7, Issue 2, pp. 486-492, **2018.** ISSN: 2278-8697 https://www.imrfjournals.com/msirj72 https://drive.google.com/file/d/1b9YoAivACY8cnMFwez3y9nB_boQvP2lx/view
30.	"Solving Transshipment Problem using Zero Point and ICMM Method"	International Journal of Research and Analytical Reviews (IJRAR), Vol. 6, Issue 1, pp.56-60, **2019**. Feb. 2019 **UGC Serial No. 43602** Print ISSN: 2349-5138, EISSN 2348-1269 https://www.researchgate.net/profile/L-Sujatha/publication/331311375_Solving_Transshipment_Problem_Using_Zero_Point_and_ICMM_Method/links/5c7a9dbba6fdcc4715a84e1b/Solving-Transshipment-Problem-Using-Zero-Point-and-ICMM-Method.pdf
31.	"Fuzzy TOPSIS method for solving MCDM problems using Metric Distance and Similarity Measure"	International Journal of Research and Analytical Reviews, Vol. 6, Issue 1, pp.550-553, February **2019**. **UGC Serial No. 43602** Print ISSN: 2349-5138, EISSN 2348-1269 **Published Paper URL: : - http://ijrar.org/viewfull.php?&p_id=IJRAR19J2802**

32.	"Fuzzy Transshipment Model using Fuzzy One Point Method"	Advances in Mathematics: Scientific Journal, Vol. 9, No. 8, pp. 6153-6167, **2020** ISSN: 1857-8365 (printed), 1857-8438 (electronic) Special Issue on ICMA-2020 https://doi.org/10.37418/amsj.9.8.83 **Scopus Indexed Journal**
33.	"Fuzzy Shortest Path Problem with Triangular Intuitionistic Fuzzy Numbers as Arc Lengths"	Advances and Applications in Mathematical Sciences, Vol.21, Issue 4, pp. 1687-1701, **February 2022.** **UGC approved** https://www.mililink.com/issue_content.php?id=59&iId=395&vol=21&is=4&mon=February&yer=2022&pg=1615-2281 https://www.mililink.com/upload/article/821927574aams_vol_214_february_2022_a6_p1687-1701_1._sujatha_and_n._anbarasi.pdf

Papers Published with Ph.D. Scholar

S. No.	Title of the Article	Name of the journal Vol. No. & PP / Year
1.	A mathematical model for apportionment and reapportionment using	Malaya Journal of Matematik (MJM), an International Journal of Mathematical Sciences with Computer Applications, Vol. 9, No. 1, pp.396-398, **2021.** https://doi.org/10.26637/MJM0901/0066

	F26A graph and the magic labeling	https://www.malayajournal.org/archive/article.php?iPageNum=6&volume_id=11&issue_id=43
2.	A coding technique with atomic numbers using the prime cordial labelling on F26A graph.	Advances and Applications in Mathematical Sciences Volume 21, Issue 4, pp. 1745-1752, **February 2022.** **UGC approved** https://www.mililink.com/issue_content.php?id=59&iId=395&vol=21&is=4&mon=February&yer=2022&pg=1615-2281 https://www.mililink.com/upload/article/1770653336aams_vol_214_february_2022_a10_p1745-1752_md._shahira_sulthana_and_g._margaret_joan_jebarani.pdf

Paper Presentation: 25

S. No.	Name of the Organizing Agency	International /National /State/University level	Title of the Paper	Duration (Dates of Event)
1.	D.G Vaishnav College, Chennai-106	**National Conference** on Recent Advancement in Pure and Applied Mathematics (RAPAM-2009) *Sponsored by Tamil Nadu State Council for Higher Education*	Fuzzy shortest path problem based on fuzzy triangular number	Jan 23 &24 **2009**
2.	Mepco Schlenk Engineering College, Sivakasi	**National Conference**	Fuzzy Shortest path problem based on	April 17 &18 **2009**

		on Fuzzy Mathematics, Graph Theory and Applications (NCFMGT'09)	Statistical data and level (1-beta, 1-alpha) interval –valued fuzzy number **ISBN: 81-88338-08**	
3.	Jamal Mohamed College (Autonomous), Tiruchirappalli	**International Conference** on Mathematical Methods and Computation (ICOMAC 2009) (*UGC sponsored*)	Fuzzy shortest path problem based on Intersection area **ISBN:978-81-8424-466-3**	July 24&25 **2009**
4.	Loyola College, Chennai	**International Conference** on Mathematics and Computer Science (ICMCS 2010)	Fuzzy shortest path problem based on similarity degree using trapezoidal fuzzy number **ISBN:978-81-908234-2-5**	Feb 5&6 **2010**
5.	Kannur University, Kannur, Kerala	**National Seminars** on New vistas in fuzzy mathematics and its applications and Indian tradition in Mathematics (*Sponsored by Dept. of Science and Technology, UGC, Kerala state council for Science, Technology and Environment, Indian council of Historical Research and Indian*	Fuzzy shortest path problem based on Euclidean Distance	June 9-11 **2010**

		council of Social Science Research)		
6.	Dept. of Computer Applications MACFAST and Dept. of Management Science, Victoria University, Australia	**International Conference** on Mathematical Computing and Management (ICMCM 2010) *(Sponsored by AICTE, DST, CSIR, DIT, Kerala Mathematical Association, Computer Society of India, Trivandrum Chapter)*	Fuzzy shortest path problem based on Alpha-cut	Jun 17-19 **2010**
7.	Loyola College, Chennai-34	**International Conference** on Mathematics and Computer Science (ICMCS 2011)	Fuzzy shortest path problem based on triangular fuzzy number matrices **ISBN: 978-81-920490-0-7**	Jan 7&8 **2011**
8.	Auxilium College, Vellore-6	**National Conference** on Emerging trends in applications of mathematics to science and technology (NCETAM 2011)	Fuzzy critical path problem for project scheduling	Dec 8 &9, **2011**
9.	Stella Maris College and Loyola Institute of Business Administration,Chennai.	**International Conference** on Mathematics in Engineering and Business Management (ICMEB 2012)	Fuzzy shortest path problem based on level λ-LR type representation of fuzzy interval **ISBN: 978-81-8286-015-5**	Mar 9&10, **2012**

10.	Coimbatore Institute of Technology, Coimbatore	**International Conference** on Mathematical Modeling and Applied Soft Computing (MMASC 2012) *Sponsored by CSIR, IEEE Madras Section, Department of Science &Technology, Ministry of Science & Technology, Department of Information Technology, Ministry of Communications & Information Technology, Government of India, Indian National Science Academy*	Fuzzy critical path in a network **ISBN:978-81-923752-1-2**	July11-13, **2012**
11.	Islamiah College, Vaniyambadi	**International Conference** on Mathematics and its Applications *(UGC-Autonomous funded)*	k-stage fuzzy transportation problem based on interval valued fuzzy numbers	Aug 29, **2012**
12.	Voorhees College, Vellore	**State Level Seminar** on Recent Trends in Higher Mathematics	Medical Diagnosis based on Interval valued fuzzy number matrix and its new membership function	Oct 12, **2012**

13.	VIT Chennai	**International Conference** on Mathematical Computer Engineering (ICMCE-2013)	Fuzzy Project Network for Management Science **ISBN: 978-93-82338-90-1**	Nov 29&30, **2013**
14.	School of Mathematics, Madurai Kamaraj University, Madurai	**International Conference** on Mathematical Sciences (ICM-2014)	On searching shortest path in a classical network with fuzzy edge weights **ISBN:978-93-84124-13-7**	Aug 21-23 **2014**
15.	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India	5 – Day **National Workshop** on Optimization and Fuzzy Mathematics (NWOFM-2014)	Medical Diagnosis based on Interval valued fuzzy number matrices	Sep 9-13 **2014**
16.	Jamal Mohamed College, Tiruchirappalli	**International Conference** on Mathematical Methods and Computations (ICOMAC 2015)	Fuzzy One Point Method for finding the Fuzzy Optimal Solution for FTP and FUAP	Jan 22&23 **2015**
17.	Sacred Heart College (Autonomous), Tirupattur, Vellore	**National Conference** on Mathematical Applications in Engineering and Technology (NCMA 2015)	Decision Analysis in a network to identify the fuzzy shortest path	Feb 11&12 **2015**

18.	Auxilium College (Autonomous), Vellore	**National Conference** on Recent Approaches of Mathematics to Science and Technology (NCRAM 2015) *(UGC sponsored)*	On searching critical path in a project network under fuzzy environment **ISBN: 978-81-929362-1-5**	Feb 12&13 **2015**
19.	School of Advance Sciences (SAS), VIT University, Vellore	**National Conference** on Pure and Applied Mathematics (NCPAM-2016)	Fuzzy zero point Method for finding the fuzzy objective value for UFTP	Mar 12 **2016**
20.	School of Advance Sciences (SAS), VIT University, Vellore in association with SIAM – VIT	**International Conference** on Advances in Mathematical Sciences (ICAMS) **Theme:** Emerging Trends of Mathematics in Science, Engineering and Technology	Solving Fuzzy Transshipment Model using Fuzzy One Point and Fuzzy Zero Point Method	December 1-3 **2017**
21.	Islamiah College, Vaniyambadi	**International Conference** on Intuitionistic Fuzzy Sets and their Applications *(UGC-Autonomous funded)*	Solving fuzzy transportation problem using zero point maximum allocation method & Solving fuzzy critical path problem based on Mean-Width notation	January 10 &11 **2018**
22.	School of Mathematics,	**International Conference** on Advances	Solving Maximization problem in FTP	September 6 & 7 **2018**

	Madurai Kamaraj University, Madurai	in Pure and Applied Mathematics 2018 (ICAPAM 2018)	and FAP using Fuzzy one point method	
23 & 24	Sacred Heart College (Autonomous), Tirupattur, Vellore	**National Conference** on Applied Mathematics and its applications (Mathematical Modeling with Applications) (NCAMA 2019)	Fuzzy TOPSIS method for solving MCDM problems using Metric Distance and Similarity Measure & Solving Fuzzy Transshipment Model Using Fuzzy One Point Method	February 6 & 7 **2019**
25	Queens College of Arts and Science for Women, Pudukkottai Virtual mode	**International Conference** on Recent Trends and Technology of Mathematics and Science (QIVCRTTMS 2020)	A Mathematical Model for Apportionment and Reapportionment using F26a Graph and Magic Labeling	October 7th & 8th **2020**

Congress/Conference/Seminar/Workshop/Symposium Participated: 27

S. No.	Organizer/Place/Programme	Period / Duration
1.	Arignar Anna Government Arts College, Cheyyar, Thiruvannamalai District (Sponspored by Tamil Nadu Mathematical Society) *State level one day Seminar on Recent Developments in Mathematics* *Sponsored by Tamil Nadu Mathematical Society*	Mar 1 **2003**
2.	VIT Deemed University, Vellore *Seminar on* *Intellectual property rights (IPR) awareness* *Sponsored by MHRD, New Delhi*	Mar 29-30 **2004**
3.	IQAC, Auxilium College, Vellore *National Seminar on* *Innovative strategies for internal quality assessment* *Sponsored by NAAC*	Nov 24-25 **2006**
4.	Loyola College, Chennai *International Conference on Mathematics and Computer Science* *(ICMCS 2007)*	Mar 1-3 **2007**
5.	Auxilium College and SALIS, Vellore *State level Seminar on* *Preservation of Library Documents*	Mar 17 **2007**

6.	IQAC, Auxilium College, Vellore ***National Seminar*** *on* *Redefining Human Rights towards a new socio religious interface* *Sponsored by UGC & NHRC, New Delhi*	Dec 12-13 **2007**
7.	St. Xavier's College (Autonomous), Palayamkottai, Tirunelveli ***Workshop*** *on* *MATLAB, DIGITAL TOPOLOGY AND LaTeX for curriculam development*	Feb 21-23 **2008**
8.	Fatima College (Autonomous), Madurai ***National Seminar*** *on New Vistas in Mathematics* *(NVTM 08)*	Dec 16 – 17 **2008**
9.	Theivanai Ammal College for Women, Villupuram ***Workshop*** *on* *LaTeX – The Document Preparation System*	Dec 29 – 30 **2008**
10.	Loyola College, Chennai ***International Conference*** *on Mathematics and Computer Science* *(ICMCS 2009)*	Jan 5 – 6 **2009**
11.	Madras Christian College (Autonomous), Tambaram, Chennai ***Workshop*** *on* *Research Practices on Topic in Mathematics*	June 25 – 26 **2010**

12.	Auxilium College, Research Cell Vellore *Inter Collegiate Endowment Lecture on Enhancing Quality in Research Publications*	July 31 **2010**
13.	IQAC, Auxilium College, Vellore *State level Seminar on* *Effective Evaluation – Practices and Perspectives*	Sep 17 **2011**
14.	D.K.M College for Women (Autonomous), Vellore *One day Symposium on* *Recent Trends in Mathematics*	Feb 28 **2013**
15.	School of Mathematics, Madurai Kamaraj University, Madurai *National Conference on Ramanujan's contributions and recent trends in Mathematics* *Sponsored by DST-New Delhi, NBHM-Mumbai & MKU*	Dec 21-23 **2015**
16.	School of Advance Sciences VIT University, Chennai *International Conference on Mathematical Computer Engineering (ICMCE-2016)*	Dec 16 – 17 **2016**
17 & 18	School of Advance Sciences VIT University, Chennai *International workshop on Optimization Techniques in Decision Support Systems and IoT (Workshop-component of ICMCE-2016) in the* *International Conference on Mathematical Computer Engineering (ICMCE-2016)*	Dec 16-17 **2016**

19.	Sacred Heart College (Autonomous), Tirupattur ***International Conference*** *on Mathematical Applications in Engineering and Technology* *(ICMA-2017)*	Jan 27-28 **2017**
20.	Internal Quality Assurance Cell, Auxilium College (Autonomous), Vellore *UGC and NAAC Sponsored* ***National Conference*** *on Journey Towards Excellence*	Feb 9-11 **2017**
21.	Auxilium Research Cell ***International Seminar*** *on Cybercrime and Female Victimization*	August 4 **2017**
22.	PG Dept. of Mathematics, Holy Cross Arts and Science College for Women, Tirupattur, Vellore Dt. ***National Conference*** *on Applied Mathematics* *(NCAM-2017)*	September 27 **2017**
23.	School of Advanced Sciences, Department of Mathematics, VIT, Vellore. ***International Seminar*** *on Advances in Statistics*	December 18-20, **2017**

24.	Department of Mathematics, School of Advanced Sciences, VIT University, Vellore *National Workshop* *on Applications of Operations Research, Statistics and Graph Theory* (NWAOSG 2018)	July 27 **2018**
25.	Tamilnadu State Council for Science and Technology (TNSCST), Government of India, Chennai and Auxilium Research Cell & IPR Cell *Two-Day* ***State Level Workshop*** *on Intellectual Property Rights*	August 2nd and 3rd **2019**
26.	Journal of Environmental Research and Development (JERAD) in collaboration with Adi Shankara Institute of Engineering and Technology, Kalady, Kerala, India 10th ***International Congress*** of Environmental Research (ICER-19)	December 19-21 **2019**
27.	**National Level** Conclave on the Spoken Tutorial Teaching-Learning Best Practices & Award Ceremony 2022 held at IIT Bombay, Mumbai, Maharashtra Organized by the Spoken Tutorial Project, IIT Bombay, established with funding from the Ministry of Education, Govt. of India	27th August **2022**

No. of students presented paper under the guidance of Dr. L. Sujatha: M.Phil.

Batch	Name of the Student	International Conference	National Conference
2014-2015	Ms. N. Anitha	-	1
2015-2016	Ms. M. Abirami	-	1
2016-2017	Ms. J. Daphene Hyacinta	2	-
2017-2018	Ms. P. Vinothini	2	2
2018-2019	Ms. S. Kalaivani	1	-

No. of students presented paper under the guidance of Dr. L. Sujatha: PG

Batch	Name of the Student	International Congress	International Conference	State Level
2018-2019	Ms. S. Jayasankari	-	1	-
2019-2020	Ms. W. Kavitha Willams & Ms. M. Geetha Priya	1	-	-
	Ms. M. Geetha Priya & Ms. N. Pavithra	-	1	-
	Ms. S. Lakshmi & Ms. S. Priyadharshini	-	2	-
	Ms. V. Narmadha & Ms. K. Rekha	-	1	-
2020-2021	Ms. N. Anbarasi	1 (online)	-	-
2022-2023	Ms. P. Nandhini			1

	Attended the following programmes (Online)		
S. No.	Title of Event	Organized by	Date/s
1.	**Online Workshop** on "Intellectual Property Rights"	Pandit Deendayal Petroleum University (PDPU), Gujarat, India **in association with IPPO**	10th and 11th April 2020
2.	**E learning** program on "MS Office"	TATA Steel	12th April 2020
3.	**Online National level FDP** on "Creation of webinars"	Little Flower Degree College, Uppal, Hyderabad	14th April 2020
4.	Two days **Online course** on "Personality Development"	Department of Business Administration, Vivekanandha College of Arts and Sciences for Women (Autonomous), Elayampalayam, Tiruchengode, Namakkal Dt.,	17th and 18th April 2020
5.	Two week **Faculty Development Programme** on "Managing online classes and Co-creating MOOCS"	Teaching Learning Centre, Ramanujan College, University of Delhi, Sponsored by **Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.**	20th April to 6th May 2020
6.	One Day **Online Workshop** on "Book & Article Publishing and Springerlink Platform Demonstration"	School of Education, Guru Nanak Dev University, Amritsar, **in Collaboration with Springer Nature**	22nd April 2020
7.	Two weeks free **online course** on "Basics of MATLAB"	Ramanujan Forum, Department of Mathematics, K. S. Rangasamy College of Arts and Science College (KSRCAS), Thiruchengode.	22nd April to 5th May, 2020,

8.	**Webinar** on "Write and Publish in High Impact Journals"	Academy of Management Professionals (AMP), India	24th April 2020
9.	One Week National **Faculty Development Programme** and Online Training on "Latex"	Sanjay Ghodawat University **in association with Spoken Tutorial Project, IIT- Bombay (MHRD, Govt. of India)**	27th April to 2nd May
10.	Online **Faculty Development Program** on "LaTeX and Scilab"	DKM College for women University **in association with Spoken Tutorial Project, IIT- Bombay (MHRD, Govt. of India)**	30th April to 4th May, 2020,
11.	**International Webinar** on "ICT Tools for Teaching, Testing and Evaluation"	Post Graduate Department of Commerce – Shift II, Stella Maris College, Chennai.	25th May 2020
12.	**National level Training Workshop** on "Research Proposal for UGC STRIDE Projects: Preparation and Submission Protocol"	Department of English, JP College of Arts and Science, Agarakattu, Tenkasi district, Tamilnadu, India, **in Association with Audacious Dreams Foundation**	27th May 2020
13.	**FDP** on "Research in Mathematics"	Department of Mathematics, Little Flower Degree College, Uppal, Hyderabad, **in collaboration with Pie Mathematics Association**	28th May 2020
14.	Two day Online **National Seminar** on "Recent Research in Mathematics".	Department of Mathematics, Auxilium College.	28th and 29th May 2020
15.	**International Webinar** on " Recent Research Trends"	Department of Mathematics, D.K.M. College for Women (Autonomous), Vellore	29th May 2020
16.	Two Day **National Webinar** on "Fuzzy Set Theory and Applications"	Department of Mathematics (Shift - II) **in Association with Internal Quality Assurance Cell, Patrician College of Arts and Science, Chennai**	29th and 30th May, 2020

17.	Five-Day online **FDP** on "Evolution from Offline to Online Teaching"	SatishPradhanDnyanasadhanaCollege, Thane, **in association with Department of Information Technology, University of Mumbai, Yashwantrao, Chavan Maharashtra Open University, Nashik and Microsoft**	30th May to 03rd June 2020
18.	Two-Day **Faculty Development Program** on "Online Teaching & E-content"	Indian Institute of Digital Education (IIDE)	3rd and 4th June 2020
19.	**Webinar** on "Fuzzy Sets and their Extensions"	PG and Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur	5th June 2020
20.	**Seven Day FDP** on "Moodle Learning Management System"	Department of Chemistry, Auxilium College (Autonomous), Vellore, **in association with Spoken Tutorial, IIT Bombay (MHRD, Govt. of India)**	8th to 14th June 2020
21.	**Webinar** on "Essential Mathematics for Engineering Projects and Research – An insight into Methodologies"	SASTRA Deemed to be University, Thanjavur	12th June 2020
22.	7- day **International Faculty Development Programme (online)** on **"**Evolving Best Teaching and Learning Practices in the Pandemic Era 2020"	The Board of Management, Auxilium College (Autonomous), Vellore	15th -21st June 2020.
23.	Silver Jubilee **International Webinar** on "Applications of Stochastic Process in Real World Problems and Graph Theory in Secured Data Transmission"	Dept. of Mathematics, Sri Akilandeswari Women's College, Wandiwash	16th June 2020
24.	**Webinar** on "Basic author workshop Research Article Writing	Annamalai University **in collaboration with ELSEVIER**	22nd June 2020

	& Reference Management using Mendeley		
25.	COVID-19 **Special Lecture** on " SIRD Model to Predict COVID-19 outbreak in Tamil Nadu-India	Dept. of Mathematics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai.	25th June 2020
26.	**National Level Webinar** on "Perspectives on Gender Equality and Women Empowerment"	Women Cell, Sacred Heart College (Autonomous), Tirupattur Dt.	18th July 2020
27.	**Online FDP** on "Teaching Mathematics effectively in Online Mode: Various ICT Tools and Softwares"	Tech Edu Teacher	9th August 2020
28.	**National Webinar** on the "National Education Policy 2020 – Tracing the Road Map"	**National Defence Academy (NDA)**, Pune, India	2nd January 2021 10.30 am – 1.30 pm
29.	**A Six-Day Faculty Development Programme** on "Professional and Communicative English"	Jointly organized by Bharathiar University, Coimbatore, Department of English and Foreign Languages & Sree Saraswathi Thyagaraja College, Pollachi	16.06.2021- 22.06.2021 4 pm – 6 pm