

Name : Mrs. A. Sathya kala
Designation : Assistant Professor
Department : Computer Science (Maths)
Qualification : M.Sc., M.Phil.
Experience : Teaching: 14.5 Years
Area of Specialization(s) : Operation Research
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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M.Phil.	Topology	Nirmala College for Women, Coimbatore	2009
M.Sc	Mathematics	P.S.G.R. Krishnammal College for Women, Coimbatore.	2007
B.Sc	Mathematics with C.A	P.K.R Arts College for Women, Gobi.	2005

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
PGDCA	PGDCA	IEG – ACE centre	2004

Research Publications (Indexed)

International

- 1) A. Sathya kala **Generalized Difference Sequence Space on Seminormed Space by Orlicz Function**, IJOSER, Volume 2, issue 12 December 2014 (Indexed in Google Scholar).
- 2) A.Sathya kala **Some New Sequence on Seminormed Space of Orlicz Function** in IJOSER, May 2015. (Indexed in Google Scholar)
- 3) A.Sathya kala **Some Sequence Space with Musielak-Orlicz Function** IJOSER on June 2014.
- 4) A.Sathya kala , **An Optimum Solution for Fuzzy Pentagonal Transportation Problem** , IJSRD, Vol- 3, Issue. - 11, January -2016, (Google Scholar).

Research Publications (UGC)

- 1) A.Sathya kala, **An Optimum Solution for Fuzzy Transportation Problem using fuzzy numbers**, IJICS, Vol – 6 Issue - 3, March - 2019.

Presentations in Conference

- 1) A.Sathya kala, **On some new sequenceing space on Semi Normed Spaces of orlicz function** at Sree Narayana Guru college on 11th and 12th February 2019.
- 2) A.Sathya kala, **On Semi Normed Spaces $L_m(\Delta, P, Q, R, S)$ The Sequence Spaces Conference** at Nirmala college for women, Coimbatore on 06-Mar-14..
- 3) A.Sathya kala, **NEW ORLICZ SEQUENCE SPACES $W_0(\Delta, M, P)$ National Conference** at Arulmigu Palaniandavar arts college for women, Palani on 06-Mar-08.

Participation in Conference

International

- 1) Research Trends In Computing Technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 9-Aug-18 to 10-Aug-18.

Participation in Online Webinar

- 1) Comprehensive Approach towards Optimal Learning Environment & Support for Students , IQAC of MDSG Girls College ,Ambala City held on 25 September,2020 .
- 2) How to travel can empower & educate women, Nehru College of Aeronautics and Applied Science,Coimbatore , 17 August 2020.
- 3) Application of Statistics , Michael Job College of Arts and Science for women,18 August 2020.
- 4) Applications of Nature Inspired Optimization Techniques for solving Real Life Problems, KPRIET on 08-10-2020.
- 5) Over View of Vedic Mathematics, KPRIET on 08-10-2020.
- 6) One day National Webinar on Differential Equations and their Applications in water Wave Theory , Dayananda Sagar University , School of Engineering on 13- Aug – 20.

Participation in Seminars

- 1) Two days Seminar Mathematical Modeling Of Cancer Growth Treatment Using Radiotherapy at PACET 10th and 11- May- 18.

Participation in Workshop

- 1) One day National workshop on Pattern Rights at P.S.G.R Krishnammal College for women on 27-Oct -18.
- 2) Two days workshop on LaTeX at Ramakrishna college of engineering on 7 -Sep-18 to 8-Sep-18.
- 3) One day National workshop Manuscript and Power Point Preparation with Latex at KCT on 3 – Feb-18.
- 4) Two day workshop Recent Trends In Differential Equations And Its Applications Coimbatore institute of technology 5-Aug-16 to 6-Aug-16.
- 5) One day state level workshop Fourier Transform & Fuzzy Automata Nirmala College for women on 04-10-06.
- 6) One day state level workshop on SCI LAB at P.S.G.R Krishnammal college for women on 25.01.07.
- 7) Two Day Virtual Workshop on LaTeX - A Documenting Research Tool at P.S.G.R Krishnammal college for women on 25th and 26th August 2020.

Participation in Faculty Development Programme

- 1) Two days Faculty Development Programme on Recent Advances in Mathematics , Dr. N.G.P. Arts and Science College, Coimbatore, 03-June-19 to 04-June 19.
- 2) Seven day Faculty Development Programme on NAAC revised accreditation framework and OBE Assessment Methodology, Dr. N.G.P. Arts and Science College, Coimbatore, 27-May-19 to 02-Jun2019.
- 3) Quality Measures in Higher Education, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec18 to 9-Dec-18
- 4) Two day FDP on Algebra and Analysis at P.S.G.R Krishnammal College for Women, Coimbatore on 28-Sep-2019 to 29-Dec-18.
- 5) One day FDP on Creative ways of Engaging Higher Education Students Through Online Teaching Michael Job College of Arts and Science for women on 20 th Aug 2020.
- 6) Two day FDP on MATLAB , Sri Krishna college of Engineering and Technology , Coimbatore on 22-Oct – 20 and 23- Oct – 20.

Conference / Seminar / Workshop Organized

- 1) Organizer, International Conference on Research Trends in Computing Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Feb-20 to 29-Feb-20.
- 2) Organizer, National level technical symposium TECHOPEDIA 2020, Dr. N.G.P. Arts and Science College, Coimbatore, 13-Feb-20.
- 3) Organizer, Two Days National Conference on Emerging Trends In Mathematics With Computer Applications (ETMCA-19), Dr. N.G.P. Arts and Science College, Coimbatore, 12-Sep-19 to 13-Sep19.
- 4) Organizer, State Level Technical Symposium Technomania, Dr. N.G.P. Arts and Science College, Coimbatore, 15-Feb-18.

Editorial / Review Board Member

- 1) Editorial Board Member, International Journal of Scientific and Engineering Research, since 2012.