



Name: Ms.K.Sudha Rani

Qualification: M.Sc., M.Phil., SET

Designation: Assistant Professor

Years of Experience: UG: 5 Years PG:

Previous Experience: UG: 11 Months PG:

Area of Specialization: Queuing Theory, Mechanics

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### WORKSHOPS:

S.No	Organized by	State/National/ International	Title	Date(s)
1.	Ethiraj College for Women, Chennai.	State	Exploring Encryption Techniques using Graph Theory.	28/09/2018
2.	Ethiraj College for Women, Chennai.	State	Programming with Python	30/11/2018
3.	Ethiraj College for Women, Chennai.	National	Symposium on Recent Advances in Mathematics	11/12/2018
4.	Ethiraj College for Women, Chennai.	State	An Introduction to Latex	29/01/2019
5.	Ethiraj College for Women, Chennai.	State	Data Science & Machine Learning with Python	01/02/2019 to 02/02/2019
6.	Ethiraj College for Women, Chennai, in association with Society for the Advancement of Library and Information Science (SALIS).	National	Online workshop on “Working with Moodle Platform”.	07/07/2020 to 08/07/2020

## CONFERENCE ATTENDED / PRESENTED PAPER

S.No	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1.	Ethiraj College for women	National	Presented	Emerging Trends in Mathematics (NCETM 2017 )	12/12/2017 & 13/12/2017

## SEMINARS

S.No	Organized by	State/ /National/ International	Topic	Date
1	Ethiraj College for Women, Chennai.	National	Emerging Trends in Mathematics	12th & 13th Dec 2017

## CERTIFICATE COURSES / VALUE ADDED COURSES

S.No.	Offered by	Topic	Duration
1	Swayam-NPTEL	Graph Theory	8 weeks
2	Swayam-NPTEL	Introduction to Abstract and Linear Algebra	8 weeks

## FDP/STTP

S.No.	Organized by	State/ National/ International	Topic	Date(s)
1.	Swayam NPTEL – AICTE	National	Graph Theory	Jan 2020 to March 2020
2.	University of Delhi with Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD.	National	Two Weeks Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCs”	20th April to 6th May 2020
3.	Patrician College, Chennai	State	Fuzzy Sets and Systems	16 <sup>th</sup> May 2020
4.	Jamal Mohamed College, Trichy.	State	Pure and Applied Mathematics	11th June to 17th June 2020
5.	Ethiraj College for Women, Chennai.	National	Open Source Learning Platform- Moodle	24 <sup>th</sup> June 2020
6	IQAC, Ethiraj College for Women, Chennai.	National	Recasting from Onsite to Online Pedagogy	20th July to 24th July 2020
7.	Swayam NPTEL – AICTE	National	Introduction to Abstract and Linear Algebra	Sep 2020 to Nov 2020

## WEBINARS

S.No	Organized by	State/National/ International	Topic	Date
1	Sir Syed College, Kerala.	International	Scheduling Problems With Resource Constraints	20 <sup>th</sup> May 2020
2	VIT Chennai	State	Mathematics of COVID 19	28 <sup>th</sup> May 2020
3	Ethiraj College for Women, Chennai.	State	A Geometric Approach to Linear Algebra	28 <sup>th</sup> May 2020
4	DON BOSCO Institute of Technology , Mumbai.	National	Math and Neural Network- Techniques and Technology	6 <sup>th</sup> June 2020
5	M.O.P Vaishnav College , Chennai.	State	Embedded in Tamil Culture and Literature	7 <sup>th</sup> June 2020
6	DON BOSCO Institute of Technology , Mumbai.	National	Mathematics Institutions – From Engineering to Innovation	9 <sup>th</sup> June 2020
7	Stella Maris College, Chennai.	International	Some Interesting Aspects of Fuzzy Mathematics	11 <sup>th</sup> to 16 <sup>th</sup> June 2020,
8	Ethiraj College for Women, Chennai.	State	Introduction to Technical Writing in LaTeX	15 <sup>th</sup> & 16 <sup>th</sup> June 2020
9	Annai Violet Arts and Science College ,Chennai.	State	Power of Mathematics	17 <sup>th</sup> June 2020
10	G.T.N Arts College , Dindigul.	State	YOGA for Health	21 <sup>st</sup> June 2020
11	Ethiraj College for Women, Chennai.	State	Working with Moodle Platform	7 <sup>th</sup> & 8 <sup>th</sup> July 2020
12	Ethiraj College for Women, Chennai.	State	Open Educational Resources	11 <sup>th</sup> July 2020
13	D.G Vaishnav College, Chennai.	State	Decimal Expansion, Gauss Conjecture and Borel Conjecture	25 <sup>th</sup> July 2020
14	University of Kerala.	International	Special Functions and Discrete Mathematics	2 <sup>nd</sup> Aug to 5 <sup>th</sup> Aug 2020