Name: Mrs.C.Ambika

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

Designation: Assistant Professor

Years of Experience: UG: 6 Years   4 Months   PG: Nil

Previous Experience: UG: 9 Years 9 Months PG: 01

Area of Specialization: Graph Theory, Algebra, Topology

Email – ID: ambika_c@ethirajcollege.edu.in

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	18/03/2019-19/03/2019
6.	Ethiraj College for Women, Chennai, in association with Society for the Advancement of Library and Information Science (SALIS).	National	Working with Moodle Platform	07/07/2020 - 08/07/2020
7.	IIT Madras	National	Interactive Tools and Techniques for Energized and Engaged Classes	06/08/2022

CONFERENCE ATTENDED / PRESENTED PAPER

S.No.	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1.	Ethiraj College for women	National	Participated	Emerging Trends in Mathematics	12/12/201& 13/12/2017
2.	Quaid –E- Millath Govt. College for Women	National	Participated	Recent trends in Pure and Applied Mathematics	28.02.2019 &1.03.2019

3.	Kumaraguru College of Technology, Coimbatore.	International	Presented "New coding technique using AUM block sum Labeling on star graph"	Mathematical Sciences, Modeling and Computational Intelligence (ICMSMCI)	September 29th 2022
4.	Ethiraj College for women	International	Participated	International Conference on Indian Contribution to Mathematics Ancient & Modern	13.10.22 &14.10.22
5.	Bharathiar University	International	Presented "AUM block mean labeling for specific classes of snake graphs"	International Conference on Mathematical Modeling(ICMM – 2023)	28.01.2023

JOURNAL PUBLICATIONS

S.No.	Journal Name	UGC/SCI/ SCIE/WOS	ISBN/ISSN Number	Reference	Date of publication/ DOI
1	Neuro Quantology	SCOPUS	eISSN 1303-5150,	New Coding Algorithms Using Aum Block Sum Labeling	Aug,2022
2	AIP Conference Proceedings	SCOPUS		NEW CODING TECHNIQUE USING AUM BLOCK SUM LABELING ON STAR GRAPH	Accepted for Publication

SEMINARS / WEBINARS

S.No	Organized by	State//National/International	Topic	Date
1	SIMATS SCHOOL OF ENGINEERING	-	Graph Theory-Partition Problem	07.06.2022
2	SIMATS SCHOOL OF ENGINEERING	International	Innovative design and development of tourist destinations ranking system	30.09.2022
3	Queens College of Arts and Science	National	LATEX PROGRAMME	22.12.2020
4	Sir Syed College, Kerala.	International	Scheduling Problems With Resource Constraints	20th May 2020

5	Ethiraj College for Women, Chennai.	State	A Geometric Approach to Linear Algebra	28th May 2020
6	DON BOSCO Institute of Technology, Mumbai.	National	Math and Neural Network- Techniques and Technology	6th June 2020
7	Ethiraj College for Women, Chennai.	State	Introduction to Technical Writing in LaTeX	15th & 16th June 2020
8	Ethiraj College for Women, Chennai.	State	Open Educational Resources	11th July 2020

CERTIFICATECOURSES /VALUEADDEDCOURSES

S.No.	Offered by	Topic	Duration
1	Swayam-NPTEL	Graph Theory	8 weeks
2	Swayam-NPTEL	Introduction to Abstract and Linear Algebra	8 weeks
3	Swayam-NPTEL	Foundation of R software	12 weeks

FDP/STTP / ORIENTATION /REFRESHER COURSE

S.No.	Organized by	State/National/ International	Topic	Date(s)
1.	Ramanujan College, University of Delhi	National	Two Weeks Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCS"	20th April to 6th May 2020
2.	Jamal Mohamed College, Trichy.	State	Pure and Applied Mathematics	11th June -17th June 20
3.	Ethiraj College for Women, Chennai.	National	Open Source Learning Platform- Moodle	24th June 2020
4.	IQAC, Ethiraj College for Women, Chennai.	National	Recasting from Onsite to Online Pedagogy	20th July to 24th July 2020
5.	UGC/HRDC University of Madras	National	Orientation Programme	08.11.2018- 05.12.2018
6.	Ramanujan College, University of Delhi	National	Refresher Course in Mathematics	16th March – 30th March 2021
7.	UGC/HRDC University of Madras	National	Refresher Course in Mathematics	16.08.2022 – 29.08.2022