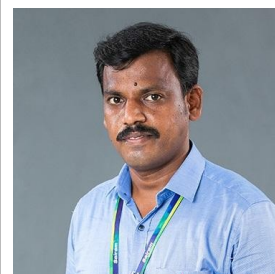


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

Name : **Mr. K. SANKAR**



Designation :

ASSISTANT PROFESSOR

Qualification :

M.SC., M.Phil., (Ph.D), SET Qualified

Area of Specialization

Graph Theory

Experience :

Teaching : UG : 16 years 6 months

PG : 7 yrs

Industry : Nil

No. of Workshop / Conferences / FDP attended

23

Publication :

Journal

National : 2

International : Nil

Conference

National : Nil

International : Nil

Patent : 2

Research Guidance :

Nil

General :

Life Member of ISTE

Staff Achievements :

Got cash award and appreciation certificate for producing good result in current and previously worked institutions.

Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the Degree	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	Mathematics	2003	Ayya Nadar Janaki Ammal College	Madurai Kamaraj University	71.71%	I
PG	M.Sc.	Mathematics	2005	Ayya Nadar Janaki Ammal College	Madurai Kamaraj University	78.13%	I
	M.Phil.	Mathematics	2006	Ayya Nadar Janaki Ammal College	Madurai Kamaraj University	79.4%	I
	Ph.D	Graph Theory	Pursuing	SSN College of Engineering	Anna University		

Academic Experience: As on 25-01-2024

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Assistant Professor	02.06.2014	Till date	9	7	24
SNS College of Technology, Coimbatore	Assistant Professor	27.02.2012	09.05.2014	2	2	13
PGP College of Arts & Science, Namakkal.	Lecturer	01.08.2006	31.03.2011	4	8	1
Total				16	6	8

PUBLICATIONS

Journals:

1. *S.Sampath Kumar and K.Sankar, "Resolvable Odd Cycle Factorization of Tensor Product of Complete Graphs" , Indian Journal of Natural Sciences, Vol.14/Issue 80/October1/2023, Page No. 63887-63893*
2. *S.Sampath Kumar and K.Sankar, "Large sets of Wrapped Hamilton Cycle Decompositions of Blown up cycles $C_m [K_n]$ " , Indian Journal of Natural Sciences, Vol.12/Issue 65/April/2021, Page No. 30251-30254*

Patents(Published)

1. *Mathematical Modelling of Bubbly Flow Surface Interactions in Multiphase Systems, Published on 10.06.2023*
2. *A method of Labelling of one modulo three mean graphs, published on 30.12.2022*

Conferences: NIL

Paper Presentation:

1. *Presented Paper in "International Conference on Theoretical Computer Science and Discrete Mathematics (Virtual)" organized by the Department of Mathematics, SSN College of Engineering, Chennai during 02-04, December 2021.*
2. *Presented Paper in "International Conference (virtual) on Rough Set Theory and Mathematical Applications (ICRSMA'21)" organized by the Department of Mathematics, SSN College of Engineering, Chennai during 08-09, January 2021.*

Workshops/Conferences attended:

1. **International workshop on Graph Algorithm and Advances in Graph Labeling** organized by the Department of Mathematics, SSN College of Engineering during 13-14 December 2023.
2. **International conference on Graphs, Networks and Combinatorics (ICGNC 2023)** organized by the Department of Mathematics, Ramanujan College, University of Delhi from 10 - 12 January 2023.

3. *International conference on “Recent Advancements in Graph Theory (ICRAGT – 2022)” organized by Department of Mathematics, Gujarat University September 10 – 11,2022.*
4. *One Day online workshop on “Workshop on Graph Theory using Python” organized by VIT, Chennai during September 3, 2022.*
5. **National Workshop on Networking and Multiprocessing System Design** held during 04-06 March2021 organized by the Department of Mathematics, SSN College of Engineering, Chennai.
6. **International conference on Graph Theory and its applications** organized by the Department of Mathematics, SSN College of Engineering, Chennai, during November 20 – 21, 2019.
7. **International conference on Theoretical computer science and Discrete Mathematics** organized by the Department of Mathematics, SSN College of Engineering, Chennai during December 03 – 05, 2018.
8. **Research Practices on Topics in Mathematics and Computer Science** organized by the Department of Mathematics, Madras Christian College, Chennai during August 7-8, 2014

FDP attended:

1. *A Five day online FDP on Discrete Mathematics, organized by the Department of Mathematics, School of Advanced Studies, VIT, Vellore during 13 - 17 June,2023.*
2. *A Five day online FDP on Applied Graph Theory, organized by the Department of Mathematics, School of Advanced Studies, VIT, Vellore during 19 - 23 June,2023.*
3. *One Week International Faculty Development Programme on “**Innovative Mathematical Techniques in Research**” conducted by Sathyabama Institute of Science and Technology, Chennai from 1st to 6th August ,2022*
4. *Five day Faculty Development Program on “**Research Methodology and Effective Tools for Academic and Research Documentation**” held during March 07 – 11,2022 organised by the Department of Mathematics, SSN College of Engineering, Chennai*
5. *One week Online Training Program on “**NITTT Orientation Training programming**” conducted by National Institute of Technical Teachers Training and Research, Chennai from 05.07.2021 to 09.07.2021.*

6. *One week (Online) Interdisciplinary Faculty Development Programme on “**Graph Theory and its Applications**” from 15th September – 21st September, 2021 organised by Deshbandhu College, University of Delhi.*
7. *Online FDP on “**Digital Teaching Techniques**” from 29.06.2020 to 04.07.2020 by ICT Academy.*
8. *Attended online FDP on “**NBA and NAAC Accreditation Process**” from 04.06.2020 to 08.06.2020 at M.S. Ramaiah Institute of Technology, Bangaluru.*
9. *Attended Online FDP on “**Mathematics-A key Technology**” on 29.05.2020 at Kings College of Engineering.*
10. *Attended Online FDP on “**Teaching Techniques of Engineering Mathematics through online Tool**” on 27.05.2020 at SNS College of Technology, Coimbatore.*
11. *Attended “**Online FDP on MA8551 Algebra and Number Theory**” on 27.05.2020 at Ramco Institute of Technology, Rajapalayam.*
12. *“**Graph Theory**” conducted by NPTEL during January – March 2019.*
13. *“**Introduction to Abstract and Linear Algebra**” conducted by NPTEL during August – October 2018.*
14. *Attended one week FDP on “**Modern Algebra**” conducted by NPTEL during August – October 2021.*
15. *“**Discrete Mathematics and Graph Theory**” conducted by KCG college of Technology, Chennai during 30th June & 1st July 2016.*
16. *“**Bridge Course on Mathematics**” conducted by Anna University Chennai during 26th & 27th June 2015.*

Online Courses:

1. *Got an Elite certificate in NPTEL Online Certification course on “**Accreditation and Outcome Based Learning**” funded by the Ministry of HRD, Government of India.*
2. *Completed **Module 1: Orientation towards Technical Education and curriculum Aspects** of NITTT*
3. *Completed **Module 2: Professional Ethics and Sustainability** of NITTT*
4. *Completed **Module 3: Communication Skills, Modes and Knowledge Dissemination** of NITTT*
5. *Completed **Module 4: Instructional Planning and Delivery** of NITTT*

6. Completed **Module 5: Technology Enabled Learning and Life-Long Self Learning** of NITTT
7. Completed **Module 6: Student Assessment and Evaluation** of NITTT
8. Completed **Module 7: Creative Problem Solving, Innovation and Meaningful R & D** of NITTT
9. Completed **Module 8: Institutional Management and Administrative Procedures** of NITTT
10. Got Elite with Silver certificate in NPTEL Online Certification course on **“Graph Theory”** funded by the Ministry of HRD, Government of India.
11. Got an Elite with Gold certificate in NPTEL Online Certification course on **“Introduction to Abstract and Linear Algebra”** funded by the Ministry of HRD, Government of India.
12. Got an Elite certificate in NPTEL Online Certification course on **“Advanced Graph Theory”** funded by the Ministry of HRD, Government of India.
13. Got **“COVID-19 What You Need to Know (CME Eligible)”** course certificate from [OSMOSIS.org](https://osmosis.org) on 03.05.2020
14. Got **“Write Professional Emails in English”** course certificate from Georgia institute of Technology on 10.05.2020
15. Got **“Speak English Professionally: In person, Online & on the phone”** course certificate from Georgia institute of Technology on 18.05.2020.
16. Got **“Build Your Professional e-portfolio in English”** course certificate from Georgia institute of Technology on 26.05.2020.
17. Got **“Take your communication skills to the next level”** course certificate from Georgia institute of Technology on 04.06.2020.
18. Got **“Improve your English Communication Skills”** course certificate from Georgia institute of Technology on 04.06.2020.
19. Got **“Build a Linear Layout App in Android Studio”** course certificate from Coursera Project Network on 31.05.2020.
20. Got **“Spread sheets for Beginners using Google Sheets”** course certificate from Coursera Project Network on 02.06.2020.
21. Got **“Create Informative Presentations with Google Slides”** course certificate from Coursera Project Network on 11.06.2020.

22. Got "The Sustainable Development Goals – A global, transdisciplinary vision for the future" course certificate from UNIVERSITY OF COPENHAGEN on 04.07.2020.
23. Got "Statistics and R" course certificate from HarvardX on 19.07.2020.
24. Got an Course completion certificate in NPTEL Online Certification course on "**Modern Algebra**" funded by the Ministry of HRD, Government of India.

Webinar:

1. Attended webinar on "Semi Graphs and Virus Graphs" on 31.05.2020 at Cauvery college for women.
2. Attended webinar on "Recent Research Directions in Distance in Graphs" on 28.05.2020 at Ayya Nadar Janaki Ammal College, Sivakasi.
3. Attended webinar on "Algebraic Graph Theory" held on 01.06.2020 at GOVERNMENT ARTS COLLEGE FOR MEN, Nandanam, Chennai.
4. Attended "One day National Webinar on Graph Theory" on 12.06.2020 at Govt. Arts college, Chidambaram.
5. Attended webinar on "Mathematical models in Bio-Medical Applications" on 03.60.2020 at Rohini college of Engg. & Tech. Kanyakumari.
6. Attended webinar on "CSIR Problems Solving Techniques in Algebra and Analysis" held on 17.06.2020 & 18.06.2020 at St. Joseph's College, Tiruchirappalli.
7. Attended "5-Day National webinar for Aspirants of CSIR (main) Mathematics" from 22.06.2020 to 26.02.2020 at AYYA NADAR JANAKI AMMAL COLLEGE, Sivakasi.