


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

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| <p><i>Name :</i> Mr. S. HEMANTH KUMAR</p> |  |
| <p><i>Designation :</i></p> | <p>ASSISTANT PROFESSOR</p> |
| <p><i>Qualification :</i></p> | <p>M.Sc., M.Phil., (Ph.D.) SET Qualified</p> |
| <p><i>Area of Specialisation</i></p> | <p>MATHEMATICS</p> |
| <p><i>Experience :</i></p> | <p>Teaching : UG: 14 yrs 11months PG: 1 yrs</p> |
| | <p>Industry : Nil</p> |
| <p><i>No. of Workshop / Conferences / FDP attended</i></p> | <p>08/01/12</p> |
| <p><i>Publication :</i></p> | <p>Journal</p> <p>National : Nil</p> <p>International 2</p> |
| | <p>Conference</p> <p>National :</p> <p>Nil</p> <p>International :</p> <p>Nil</p> |
| <p><i>Research Guidance :</i></p> | <p>Nil</p> |
| <p><i>General :</i></p> | <p>Nil</p> |
| <p><i>Staff Achievements</i></p> | <p>1) Given Seminar at "Discoveries of Albert Einstein" and won the second price in Loyola College, Chennai.</p> |

Educational Qualification:

| Category | Name of the Degree | Specialization | Year of Passing | Name of the College | Name of the University | % of Marks / Grades obtained | Class obtained |
|----------|--------------------|----------------|-----------------|---|------------------------|------------------------------|--------------------------|
| UG | B.Sc. | Mathematics | 2004 | R.V. Govt. Arts & Science College | Madras University | 78.5 % | I Class |
| PG | M.Sc. | Mathematics | 2006 | Loyola college | Madras university | 85% | I Class with distinction |
| | M.Phil. | Mathematics | 2007 | RIASM College | University Of Madras | 67% | I Class |
| Ph.D | Ph.D | Mathematics | Doing | Sri Venkateswara College of Engineering | Anna University | -- | -- |

Academic Experience: As on 30-09-2022

| Name of the College | Designation | Joining Date | Relieving Date | Experience | | |
|---|---------------------|--------------|----------------|------------|----------|-----------|
| | | | | Years | Months | Days |
| V.S. Sri Ranka Sanka Arts & Science College | Lecturer | 13.09.2007 | 23.09.2008 | 1 | - | 10 |
| Sree Sastha Institute of Engineering & Technology | Lecturer | 13.10.2008 | 05.05.2011 | 2 | 6 | 22 |
| Asan Memorial college Engineering & Technology | Assistant Professor | 23.05.2011 | 31.05.2013 | 2 | - | 8 |
| Sri Sai Ram Engineering College | Assistant Professor | 03.06.2013 | Till date | 10 | 7 | 22 |
| Total | | | | 16 | 2 | 02 |

PUBLICATIONS

Journals:

1. Title: *CELLULAR BASIS AND DIMENSIONS OF CELL MODULES OF PARTY ALGEBRAS*, International Journal (Journal of Physics Conference Series)
2. Title: *CONSTRUCTION AND CELLULAR OF TANABE ALGEBRAS*, International Journal AIP Conference Proceedings.
3. Title: *Cellularity ($Z_3 \times S_n$) group algebras*, International Journal AIP Conference Proceedings.

Paper Presentation:

Presented paper on the title "Production Inventory Models with Random Environment" and got third prize.

Patent Publication

A Patent "Real-time Adaptive Stochastic Differential Equation Inventory Model for Supply" was published.

Conferences/Workshops:

1. *International Conference on Stochastic Modelling and simulation at Vel Tech Dr.R.R. & Dr.S.R. Technical University 15-17 December 2011.*
2. *International Workshop on Discrete Mathematics and its applications at Asan memorial of Engineering and Technology on 09.08.2012.*
3. *One-day workshop on "ADVANCED COMPUTATIONS THROUGH MATHEMATICS" at VIT Chennai on 08.02.2013.*
4. *Workshop on Mathematical approach to Physical Sciences at SSN College of Engineering 14, 15.02.2013.*
5. *Participated in "INDO-GERMAN WORKSHOP" in the topic "Applied Mathematics in Engineering and Industry", on 25.10.2013 at Alpha Engineering College.*
6. *Participated in Workshop on "RESEARCH PRACTICES ON TOPICS IN MATHEMATICS AND COMPUTER SCIENCE" on Aug 7, 8 2014 at Madras Christian College.*
7. *Workshop on "DIFFERENTIAL AND INTEGRAL CALCULUS" ON 11.08.2017 at Easwari Engineering College.*

8. *One-day Workshop on "INTELLECTUAL PROPERTY RIGHTS & INNOVATIONS" Sri Sairam Engineering College, Chennai.*
9. *National level one day workshop on "Queuing with retention of impatient customers" on 12.06.2020 at Hindusthan College of Engineering and Technology.*

FDP:

1. *Participated in "BRIDGE COURSE" conducted by CENTRE FOR FACULTY DEVELOPMENT, Anna University, Chennai. On 23, 24.06.2014.*
2. *State Level Faculty Development Programme on "DISCRETE MATHEMATICS AND GRAPH THEORY" on 30 June, 1 July 2016 at KCG College of Technology.*
3. *Faculty Development Programme on "ADVANCES IN STATISTICAL METHODS" on 20 Dec 2017 at Rajalakshmi Engineering College, Chennai.*
4. *Faculty Development program on Creative Thinking conducted by ICT Academy at Annai Theresa Arts and Science College, 27.03.2019 to 28.03.2019.*
5. *Faculty Development Programme on "ALGEBRA AND NUMBER THEORY" FROM 10.06.2019 to 15.06.2019 at Sri Sairam Institute of Technology, Chennai.*
6. *State level three days Faculty Development Programme (Online) on "Applications of Mathematics", from 13.06.2020 to 15.06.2020 at Hindustan College of Engineering and Technology.*
7. *Online Faculty Development Programme on "Fuzzy Sets and Systems", at Patrician college of Arts and Science, Chennai on 16.05.2020*
8. *Two days Faculty Development Programme on "Research Methodology", at Jeppiaar Institute of Technology, Sriperumbudur from 01.06.2020 to 02.06.2020.*
9. *7 days National level Faculty Development Programme - "Prudent Teaching Dynamics" at IQAC SAFI Institute of Advanced study, Kerala from 21.06.21 to 28.06.21*
10. *One Week National Level online FDP on "Number theory and its applications" at GATES Institute of Technology, Ananthapuramu, Andhra Pradesh from 14.06.21 to 19.06.21*
11. *Five days National Level Faculty Development Programme on "Advancing towards Sustainable teaching and learning pedagogy" at Kongu Arts and Learning Pedagogy, Erode from 02.08.21 to 06.08.21*
12. *Three days National Level Faculty Development Programme on "Advanced Latex" held at Vellore Institute of Technology, Chennai from 27.06.22 to 29.08.22.*
13. *Five days National Level Faculty Development Programme on "2nd Mathematical Sciences for CSIR-UGC NET Aspirants", held at Vellore Institute of Technology, Vellore from 26.08.22 to 30.08.22.*
14. *Five days National Level Faculty Development Programme on "Applied Statistical methods for research" from 03.04.23 to 07.04.23 held at Vellore Institute of Technology, Chennai .*

15. Five days National Level Faculty Development Programme on "Regression analysis for research" from 24.05.23 to 28.05.23 held at Vellore Institute of Technology, Chennai .

Seminar:

- *Participated National Seminar on Advances in Mathematical Sciences and Applications in Engineering and Technology (NSAMSAET 2017) on 16.12.2017 at Valliammai Engineering College.*

Webinar:

1. *Participated in National level Webinar on "Applications of Fourier Series and Laplace Transforms" on 30.4.2020.at Kaamadhenu Arts and Science College, Sathiyamangalam, Erode.*
2. *Participated in a two days Webinar on "LATEX-Learning by doing", from 15.05.2020 to 16.05.2020 at Idhya College for Women, Kumbakonam.*
3. *Attended Webinar on "Mathematical Modelling in Biological Networks", at Sri Malolan College of Arts and Science, Madurandakam. On 18.06.2020.*
4. *Participated in National level Webinar on "Application of Stochastic Processes", on 12.05.2020 at Annai College of Arts and Science, Trichy.*
5. *Attended one day IQAC Webinar on "Introduction to LaTeX", at Loganatha Narayanasamy Government College, Ponneri on 28.05.2020.*
6. *Participated in Webinar on "R & D Proposal Writing for Faculties" on 12.06.2020 at Sri Sairam Engineering College, Chennai.*
7. *Participated in Webinar on "Effective Virtual Classroom Teaching for Teachers" on 19.06.2020 at Sri Sairam Engineering College, Chennai.*
8. *Participated in Webinar on "Application of Linear Algebra in Differential Equation" on 16.6.2021 at Sadakathullah Appa College (Autonomous), Tirunelveli*
9. *Participated in Webinar on "An Introduction to deep learning for processing and Analysis of X-Ray Imaging data" on 14.07.2021 at Sri Sairam Engineering College.*
10. *Participated in Webinar on "Discrete time queues-An overview and current Research" on 30.07.2021at Sri Venkateswara College of Engineering, Sriperumbudur*
11. *Participated in Webinar on "Challenges and Opportunities in Urban Sanitation" on 06.08.2021 at Sri Sairam Engineering College.*

12. Participated in Webinar on "Graph from Algebraic Structures", at SIMATS School of Engineering, Chennai on 24.08.22

Quality Improvement Program:

1. Training Program on instructional design and delivery by NITTTR, Ministry of Human Resources Development, Government of India at Sri Sastha Institute of Engineering and Technology.
2. Five Days Training at SIRD and certification course on "Panchayat Raj Administration and Rural Development."

Online Courses:

1. Gotan Elite Certificate (2% of the toppers) in NPTEL Online Certification course on "Numerical methods: Finite difference approach" funded by the Ministry of HRD, Government of India.
2. Successfully completed the NPTEL online course "Advanced probability theory with 57%
3. Successfully completed the NPTEL online course "Stochastic Processes" with 55%
4. Successfully completed the NPTEL online course Introduction to Probability Theory and Stochastic Processes with 53%.
5. Successfully completed the NPTEL online course "Numerical Methods Finite difference approach with 82%
6. Successfully completed the NPTEL online course "Working in contemporary teams with 75%
7. Successfully completed the edX online course, "Statistics and R" from Harvard University on 21.07.2020.
8. Successfully completed Online Coursera Course "Six Sigma tools for Analyze" on 08.05.2020.
9. Successfully completed Online Coursera Course "Six Sigma Principles" on 9.5.2020.
10. Successfully completed Online Coursera Course "An Intuitive Introduction to Probability", on 12.05.2020
11. Successfully completed Online Coursera Course "Combinatorics and Probability" on 12.05.2020
12. Successfully completed Online Coursera Course "Successful Negotiation: Essential Strategies and Skills" on 15.05.2020.
13. Successfully completed Online Coursera Course "Work Smarter, Not Harder: Time Management for Personal and Professional Productivity" on 02.06.2020
14. Successfully completed Online Coursera Course "Stochastic Processes" on 03.06.2020.

15. *Successfully completed Online Coursera Course "The Science of Success: What Researchers Know that you should know" on 14.06.2020.*
16. *Successfully completed Online Coursera Course "Converting Challenges in to Opportunities" on 14.06.2020.*
17. *Successfully completed Online Coursera Course "Emotions a Philosophical Introduction" on 01.07.2020.*
18. *Successfully completed online NITTTR course "Module-1: Orientation towards Technical Education and Curriculum Aspects", July-22.*
19. *Successfully completed online NITTTR course "Module-2: Professional Ethics and Sustainability", July-22.*
20. *Successfully completed online NITTTR course "Module-3: Communication Skills, Modes and Knowledge Dissemination", July-22.*
21. *Successfully completed online NITTTR course "Module-7" ,"Creative problem Solving, Innovative and Meaning R & D", oct-21.*

Extra-curricular Activities:

- *Grade A certified R & V SQN NCC Squad, Tamilnadu.*